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BOARD OF ESTIMATE AND APPORTIONMENT.

Notice of Public Hearing.

Extension of 6th Avenue to Varick Street.

The Committee on City Plan of the Board of Estimate and Apportionment will hold a PUBLIC HEARING in Room 16, City Hall, Borough of Manhattan, on FRIDAY, JUNE 26, 1914, at 3 p. m., on a petition for the extension of 6th avenue southerly to Varick street, Borough of Manhattan.

j15,26 JOSEPH HAAG, Secretary, Municipal Building; Telephone 4560 Worth.

PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for the Week Commencing June 15, 1914.

Wednesday, June 17, 1914—10.30 a. m.—Room 305—Case No. 1819—Northern Union Gas Company et al.—"Supply of gas for buildings or premises within 100 feet of main"—Commissioner Maltbie. 2.30 p. m.—Room 310—Case No. 1832—Interborough Rapid Transit Company—"New elevated station at 120th street and 8th avenue"—Commissioner Wood—(This hearing will be adjourned to June 22, 1914, at 2.30 p. m.). 2.30 p. m.—Room 305—Case No. 1787—Woodhaven Gas Light Company—Albert C. Schwarz et al., complainants—"Rate for gas in the 4th Ward, Borough of Queens"—Commissioner Maltbie. 2.30 p. m.—Room 305—Case No. 1807—Woodhaven Gas Light Company et al.—"Rate for gas in the 4th Ward, Borough of Queens"—Commissioner Maltbie.

Thursday, June 18, 1914—2.30 p. m.—Room 305—Case No. 1778—Third Avenue Railway Company—"Application for approval of issue of $6,650,000 bonds"—Commissioner Maltbie.

Friday, June 19, 1914—10 a. m.—Room 310—Case No. 1540—Edison Electric Illuminating Company of Brooklyn—Albert Moritz et al., complainants—"Rate for electricity in Brooklyn"—Commissioner Maltbie. 10.30 a. m.—Room 305—Case No. 1672—Long Island Railroad Company—"Alteration of grade crosssing at Norwood avenue and twenty-one other grade crossings, Atlantic Avenue Division—(Accounting as to Railroad avenue, foot of subway)—Commissioner Williams. 10.30 a. m.—Room 305—Case No. 1454—New York Consolidated Railroad Company et al.—"Toilet facilities in stations on elevated lines"—Commissioner Williams. 12.15 p. m.—Room 305—Case No. 1796—South Brooklyn Railway Company and New York Consolidated Railroad Company—"Service on Norton's Point line and extension of Brighton Beach and Culver lines from Culver depot to Sea Gate"—Commissioner Williams.

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

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

Department of Public Charities.

Report for week ending May 30th, 1914:

Appointed—Pharmacist: Bank, Rudolph, $960. Hospital Helpers: Bradley, Wm. F., $240; Britton, Andrew J., $180; Burton, John, $600; Callahan, James, $300. Visitor (temporary emergency): Cassidy, Julia M., $1,000. Hospital Helpers: Culbane, Madge, $180; Cushing, Thomas, $180; Delea, Katherine, $240; Duffy, Margaret (reappointed), $240; Egan, Daniel, $180; Farrell, Michael, $240; Franey, Nora, $192; Geddes, Jean R., $360; Gordon, Daniel F., $240; Griffin, Thomas, $180; Hayes, John, $240; Healey, John, $360; Herrick, Harry, $180; Hibbert, Mary, $180; Johnson, Helen, $240; Kaul, Conrad, $240; Kelly, John, $180; Kennedy, Frank B., $180; Keogh, Thomas, $240; Leahy, George A., $240; Lyons, Jennie, $240. Engineers: Malloy, Thomas L., $4.50 per day; Malloy, Thomas L., $4.50 per day. Hospital Helpers: Miller, Alice, $180; Moreland, Gilbert, $180; Morgan, John, $240; Morrisey, John, $240; Murray, James H., $240; McLaughlin, Wm., $180; O'Rourke, John F., $240; O'Shea, Josephine, $240. Deputy Superintendent (Instructress): Parsona, Marion G., $1,200. Hospital Helpers: Radchek, Jack E., $240; Richards, James, $240. Examiner of Charitable Institutions (temporary emergency): Ryan, Jennie E., $1,200. Hospital Helpers: Ryan, Robert L., $180; Schantz, Charles, $240; Schiel, Margaret, $240; Scott, Harry L., $240; Shotter, Mary, $192; Skradzki, Boleslaw, $240; Smith, Katherine, $240; Stauder, Anna I., $360; Sullivan Kate, $240; Von Papen, John, $240; Wagner, Marie V., $216; Ward, Margaret, $180.

Resigned—Hospital Helper: Blom, Helen, $216. Broommaker Instructor: Brooks, Samuel B., $600. Hospital Helper: Brosnan, Julia, $240. Trained Nurse: Clark, Helen, $600. Hospital Helpers: Comstock, Dr. Albert, $300; Conklin, Louis, $180; Dempsey, John, $240; Edebohls, Arthur, $480; Farrell, Mollie, $240; Fitzgerald, Dennis, $240; Gaffney, Lizzie, $240; Gavigan, Nellie, $240. Trained Nurse: Gillies, Nora A., $600. Hospital Helpers: Hamilton, Daniel, $180; Higgins, John B., $420; King, William, $240; Keogh, Thomas, $240; Klein, Henry, $300; Lazardus, Herman, $300. Dietitian: Murphy, Ruth, M., $720. Hospital Helpers: McLoughlin, Lizzie, $360; McLoughlin, Neil, $300; McLoughlin, Rose, $360; McMahon, Hugh, $360; McNally, Pater, $240; O'Donnell, William, $240; Parker, Dr. Garner, $300; Radchek, Jack E., $240; Rady, John, $180; Reardon, Wm. I., $360; Roblee, Lawrence H., $360. Chaplain: Ryan, Rev. Richard E., $450. Hospital Helpers: Schaffer, Helen, $240; Sheaffer, Irwin, $240; Stockers, Oliver, $180; Sunitoff, Robert D., $240; Talbot, Julia, $240; Vanquiske, Helena, $180; Williams, Dr. John C., $360. Auditor: Wolff, Julius, $3,000. Hospital Helper: Wood, John, $240.

Dropped—Hospital Helpers: Acker, George, $240; Anderson, Charles, $240. Attendant: Carroll, Maria, $360. Hospital Helpers: Commerford, Edward, $300; Davis, Samuel A., $180; Costa, Tony, $300; De Forest, Kate, $180; Dolan, Bernard, $180; Dolan, Bert, $240; Ellis, James, $180; Fennelly, Patrick J., $240; Fitzpatrick, Mary, $180. Pupil Nurse: Frear, Mildred L., $180. Hospital Helpers: Grosse, Paul, $300; Hardy, James, $240; Hawkins, John, $180; Hibbert, Mary, $180; Johnson, Helen, $240; Kennedy, Rose, $240; Malloy, John F., $180; Mather, Robert, $180; Meinhardt, Charles, $240; Morgan, John, $240; McArthur, David, $240; McGowan, Delia, $240; Pahde, Fred, $180; Pennelton, Elizabeth, $180; Rees, George, $240. Attendant: Reilly, Annie, $360. Hospital Helpers: Reilly, James, $240; Ryan, Robert L., $180; Saac, Gustav M., $300; Sinnott, John, $180; Smith, John J., $180. Pupil Nurse: Stevens, Ruth, $180. Hospital Helpers: Strawbridge, James, $240; Wilson, Walter, $180.

Promoted—Hospital Helpers: Becker, Harry T., from $180 to $240; Curran, Thomas, from $180 to $240; Dunn, Timothy, from $120 to $180; Lucas, George, from $240 to $420; Mackey, John, from $120 to $420; Miehle, Hugo, from $240 to $300; McGuire, Thomas, from $144 to $240; O'Brien, James, from $120 to $240. Pharmacist: Prahl, Charles E., from $960 to $1,050. Hospital Helpers: Riecke, Martin E., from $180 to $240; Thompson, Lee, from $180 to $240; Thorne, Francis, from $144 to $180.

Propositions Accepted—J. M. Gottesman, 171 Broadway, City, linen machine thread, $621.50; S. G. Waterman, 817 Broadway, City, golf cloth, $570; Peter J. Constant, 367 Nostrand ave., Brooklyn, N. Y., linen skein thread, $103.70; The Manhattan Supply Company, 115 Franklin st., City, axle grease, $53.94; F. S. Banks & Co., 149 Church st., City, combs and feather dusters, $796.34; Knickerbocker Supply Company, 189 Franklin st., City, rubber coats and axle grease, $106.35; John P. Kane Company, 103 Park ave., City, lime, $62.50; J. B. Greenhut Company, 18th st. and 6th ave., uniforms, caps and suits, $538.76; J. B. Greenhut Company, 18th st. and 6th ave., crockery, $322.64; H. T. Dakin, 90 West Broadway, City, crockery, $201.50; Bloomingdale Bros., 3d ave. and 59th st., crockery, $973.82.

J. McKEE BORDEN, Secretary.

Report for Week Ending June 6th, 1914.

Appointed—Hospital Helpers: Anderson, Victor E., $360; Burke, Margaret, $240; Cash, Michael, $180; Clark, Martha, $240; Crane, Margaret, $240; Davis, Jas. J., $300; Doran, Katherine E. A., $360; Durning, James A., $240. Departmental Medical Superintendent (temp., emer): Durkin, Dr. Wm. J., $1,800. Hospital Helpers: Faesenfeldt, Christian, $300; Fisher, John, $180; Flora, Joseph, $240. Trained Nurse (temp.): Frear, Mildred L., $600. Hospital Helpers: Freel, Joseph, $300; Gardener, Kate, $420; Garvis, Mary, $360; Gilbride, Wm. J., $180. Deckhand: Gilday, John, $720. Trained Nurse (temp.): Glicksman, Evelyn, $600. Hospital Helpers: Gork, Helen, $240; Gray, Robert, $300; Grosse, Paul, $300. Trained Nurse: Hall, Sydney, $600. Hospital Helper: Heeg, Oliver, $360. Visitor (temp., emer.): Hoff, Irving G., $1,000. Trained Nurses: Hutchinson, Linda A., $600; Igoe, Margaret, $60; Jardella, Zella, $600. Licensed Fireman (temp., emer.): Kennedy, John E., $3 per day. Hospital Helpers: Larghran, Chas., $300; Lewis, John, $300; Madison, Robert P., $300. Trained Nurse (temp.): Miller, Marguerite C., $600; Licensed Fireman (temp., emer.): Morgan, John, $3 per day. Hospital Helpers: McCarthy, Daniel J., $300; McCarthy, Michael, $240; McIntyre, Nellie, $240. Marine Stoker (temp.): McLarey, Bernard, $3 per day. Hospital Helper: Nevins, Peter H., $180. Attendant: Oates, Theresa, $360. Trained Nurses (temp.): Parks, Gertrude, $600; Pritchard, Mildred E., $600. Licensed Fireman: Reardon, William H., $3 per day. Hospital Helper: Richards, Thos., $180. Trained Nurse: Rowsell, Bessie, $600. Hospital Helpers: Ryan, Patrick J., $180; Schneider, Louis, $180; Skiffington, James, $180; Stevens, Ruth, $600; Stewart, Harriet, $480; Stockett, Oliver, $300; Stryker, Elizabeth, $240; Sweeney, John, $300; Swisley, Hattie, $240; Ulrich, Albert, $480; Van Buren, Frank, $180; Vasilick, Helen, $180; Wagner, Mary, $300. Licensed Fireman: Waldron, John, $3 per day. Hospital Helpers: Walsh, James P., $240; Whiteman, Harry, $360.

Resigned—Hospital Helpers: Anderson, Minnie, $240; Bowman, Dr. Stewart, $240; Coles, Eugenie M., $360; Earle, Blanche, $240; Flaherty, Winifred, $240; Grant, James R., $300; Groener, Lena, $360; Haines, George, $240; Hayes, Margaret, $240. Trained Nurses: Igoe, Margaret, $600; Jardella, Zella, $600. Hospital Helpers: Lindholm, Josephine, $240; Lindstadt, Wilhemina, $240; Lissen, Eric, $180. Trained Nurse: Miller, Marguerite C., $600. Hospital Helper: McHugh, May F., $240. Trained Nurse: Olsen, Emily G., $600. Hospital Helper: Stewart, Rebecca, $480. Supervising Nurse: Sullivan, Lillian G., $750 and maintenance. Hospital Helpers: Vaughan, Hugh, $180; Wagner, Mary, $300; Whyte, William, $180; Williams, Dr. Frank J., $240; Wilson, Ethel, $360.

Dropped—Hospital Helper: Bowen, Anna, $420. Pupil Nurse, Cameron, Edna E., $180. Hospital Helpers: De L'Hollier, Nana, $360; Fittinghoff, Fredoloh, $360. Laundryman: Geltner, Charles, $600. Licensed Fireman: Kennedy, John E., $3 per day. Hospital Helper: Lovejoy, John, $240. Visitor: Montforte, Anna E., $1,000. Hospital Helper: Moran, John, $300. Stoker: Morgan, John, $3 per day. Hospital Helper: Mortell, Patrick, $360. Stoker: Reardon, William H., $3 per day. Engineer: Scanlon, James, $4.50 per day. Hospital Helper: Stryker, Elizabeth, $240. Stoker: Waldron, John, $3 per day.

Promoted—Beckhardt, Irving, 1st Grade Clerk to 2nd Grade Clerk, $600. Hospital Helpers: Carroll, James B., from $300 to $360; Chase, Frank, from $300 to $360; Conroy, Daniel, from $240 to $480; Cook, William, from $300 to $360; Cooke, Wm., from $120 to $180; Decey, Francis, from $240 to $300; Elbe, Johanna, from $240 to $300; McSorley, Mary, from $240 to $420; Pecoraro, Henry, from $120 to $300; Pfaffer, Peter W., from $300 to $360. Pupil Nurse: Robertson, Jessie, from $144 to $180. Hospital Helpers: Wild, Charles, from $120 to $180; Wilson, David, from $120 to $180.

Salary Decreased—Oates, Theresa, Hospital Helper (and title changed from Attendant), from $360 to $300.

Propositions Accepted—Laurence J. Rice, 149 W. 35th st., New York, furnishing all labor and materials for repairing the fireproofing on ceiling in cellar of Cumberland Street Hospital, $250.

J. McKEE BORDEN, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of Board of Estimate and Apportionment, Held in Room 16, City Hall, Thursday, May 28, 1914.

The Board met in pursuance of an adjournment.

Present—John Purroy Mitchel, Mayor; William A. Prendergast, Comptroller; O. Grant Esterbrook, Acting President, Board of Aldermen; Marcus M. Marks, President, Borough of Manhattan; Lewis H. Pounds, President, Borough of Brooklyn; Edmund W. Voorhies, Acting President, Borough of Brooklyn; Douglas Mathewson President, Borough of The Bronx; Maurice E. Connolly, President, Borough of Queens, and Charles J. McCormack, President, Borough of Richmond.

The Mayor, Hon. John Purroy Mitchel, presided.

Approval of Minutes (Cal. No. 1.)

The Minutes of the meeting held May 8, 1914, were approved as printed in the CITY RECORD, May 23, 1914.

PUBLIC HEARINGS.

Changes in the City Map.

Borough of Brooklyn.

Hearing in the Matter of Changing the Map or Plan of The City of New York by Establishing the Grade for Roberge Place, Betweeen West 3d Street and West 5th Street, Borough of Brooklyn. (Cal. No. 2.)

The Secretary presented affidavits of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

No one appearing in opposition to or in favor of the proposed change, the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 1st day of May, 1914, a resolution was adopted proposing to change the map or plan of The City of New York so as to establish the grades of Roberge place between West 3d street and West 5th street, and the grades of West 3d street and West 5th street at their intersections with Roberge place, in the Borough of Brooklyn, City of New York, and appointing a hearing at a meeting of this Board to be held on the 28th day of May, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD and in the Corporation newspapers for ten days prior to the 28th day of May, 1914; and,

Whereas, It appears from the affidavits of the Supervisor of the City Record and the publishers of the Corporation newspapers, that the aforesaid resolution and notice have been published in the CITY RECORD and in the Corporation newspapers for ten days prior to the 28th day of May, 1914; and,

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now, therefore, be it,

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 to change the map or plan of The City of New York by establishing the grades of Roberge place between West 3d street and West 5th street, and the grades of West 3d street and West 5th street at their intersections with Roberge place, in the Borough of Brooklyn, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated March 9, 1914.

Which was adopted by the following vote:

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

Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of Blake Avenue, from Barrett Street to Saratoga Avenue; of 12th Avenue, from 60th Street to 62d Street, and of 61st Street, from 11th Avenue to 13th Avenue, Borough of Brooklyn. (Cal. No. 3.)

The Secretary presented affidavits of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

Mr. W. W. Taylor appeared in opposition to the proposed change. No one else appearing, the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 1st day of May, 1914, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grades of the street system within the territory bounded by 11th avenue, 60th street, 13th avenue and 63d street, and change the grades of Blake avenue between Saratoga avenue and Barrett street, in the Borough of Brooklyn, City of New York, and appointing a hearing at a meeting of this Board to be held on the 28th day of May, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD and in the Corporation newspapers for ten days prior to the 28th day of May, 1914; and,

Whereas, It appears from the affidavits of the Supervisor of the City Record and the publishers of the Corporation newspapers, that the aforesaid resolution and notice have been published in the CITY RECORD and in the Corporation newspapers for ten days prior to the 28th day of May, 1914; and,

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now, therefore, be it

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 to change the map or plan of The City of New York by changing the grades of the street system within the territory bounded by 11th avenue, 60th street, 13th avenue and 63d street, and changing the grades of Blake avenue between Saratoga avenue and Barrett street, in the Borough of Brooklyn, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated November 24, 1913.

Which was adopted by the following vote:

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

Borough of The Bronx.

Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of Fordham Road, Between Marion Avenue and Tiebout Avenue, Borough of The Bronx.

Establishing the Roadway and Sidewalk Widths of Fordham Road, Between Marion Avenue and Tiebout Avenue, Borough of The Bronx. (Cal. No. 4.)

The Secretary presented affidavit of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

No one appearing in opposition to or in favor of the proposed change, the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 1st day of May, 1914, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grades of the street system within the territory bounded by East 188th street, Tiebout avenue, Fordham road and Marion avenue, in the Borough of The Bronx, City of New York, and appointing a hearing at a meeting of this Board to be held on the 28th day of May, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and,

Whereas, It appears from the affidavit of the Supervisor of the City Record that the aforesaid resolution and notice have been published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and,

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now, therefore, be it

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 to change the map or plan of The City of New York by changing the grades of the street system within the territory bounded by East 188th street, Tiebout avenue, Fordham road and Marion avenue, in the Borough of The Bronx, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated December 29, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 of The City of New York hereby fixes the roadway and sidewalk treatment for Fordham road between Marion avenue and Tiebout avenue, Borough of The Bronx, to conform with that shown on a map or plan adopted by the said Board on May 28, 1914,

"changing the grades of the street system within the territory bounded by East 188th street, Tiebout avenue, Fordham road and Marion avenue, Borough of The Bronx, in accordance with a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated December 29, 1913."

Which was adopted by the following vote:

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

Hearing in the Matter of Changing the Map or Plan of The City of New York by Laying Out an Esplanade Between Bronx and Pelham Parkway and Mace Avenue, Laying Out Two Public Parks at the Junction of the Esplanade with Waring Avenue, and Changing the Grades of Streets Intersected by the Esplanade, Borough of The Bronx.

Establishing the Roadway and Sidewalk Widths of the Esplanade, Between Pelham Parkway North and Mace Avenue, The Bronx. (Cal. No. 5.)

The Secretary presented affidavit of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

No one appearing in opposition to or in favor of the proposed change the hearing was closed.

On motion of the President of the Borough of The Bronx the matter was laid over for two weeks (June 12, 1914).

Borough of Queens.

Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Lines of Queens Boulevard Between a Point Near Yellowstone Avenue and a Point About Midway Between Shelbourne Place and Continental Avenue, Borough of Queens. (Cal. No. 6.)

The Secretary presented affidavit of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

No one appearing in opposition to or in favor of the proposed change the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 1st day of May, 1914, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the lines of the street system within the territory bounded by Occident street, Booth street, Queens boulevard, Continental avenue, Austin street, Stafford avenue, Yellowstone avenue and Gerard place, in the Borough of Queens, City of New York, and appointing a hearing at a meeting of this Board to be held on the 28th day of May, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, It appears from the affidavit of the Supervisor of the City Record that the aforesaid resolution and notice have been published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now therefore be it

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 to change the map or plan of The City of New York by changing the lines of the street system within the territory bounded by Occident street, Booth street, Queens boulevard, Continental avenue, Austin street, Stratford avenue, Yellowstone avenue and Gerard place, in the Borough of Queens, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the President of the Borough, and dated March 27, 1914.

Which was adopted by the following vote:

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

Hearing in the Matter of Changing 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 Rene Place, Metropolitan Avenue, Himrod Street and Grandview Avenue, Borough of Queens. (Cal. No. 7.)

The Secretary presented affidavit of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

No one appearing in opposition to or in favor of the proposed change the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 1st day of May, 1914, a resolution was adopted proposing 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 Rene place, Metropolitan avenue, Himrod street and Grandview avenue, in the Borough of Queens, City of New York, and appointing a hearing at a meeting of this Board to be held on the 28th day of May, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, It appears from the affidavit of the Supervisor of the City Record that the aforesaid resolution and notice have been published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now therefore be it

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 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 Rene place, Metropolitan avenue, Himrod street and Grandview avenue, in the Borough of Queens, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the President of the Borough, and dated November 6, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—10.

Hearing in the Matter of Changing the Map or Plan of The City of New York by Laying Out Queens Boulevard Through Maple Grove Cemetery, Borough of Queens. (Cal. No. 8.)

The Secretary presented affidavit of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

No one appearing in opposition to or in favor of the proposed change the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 1st day of May, 1914, a resolution was adopted proposing to change the map or plan of The City of New York so as to establish the lines and grades of Queens boulevard through Maple Grove Cemetery, in the Borough of Queens, City of New York, and appointing a hearing at a meeting of this Board to be held on the 28th day of May, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, It appears from the affidavit of the Supervisor of the City Record that the aforesaid resolution and notice have been published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now therefore be it

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 to change the map or plan of the City of New York by establishing the lines and grades of Queens boulevard through Maple Grove Cemetery, in the Borough of Queens, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the President of the Borough, and dated April 25, 1914.

Which was adopted by the following vote:

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

Borough of Richmond.

Hearing in the Matter of Changing the Map or Plan of The City of New York by Laying Out a Street System for the Territory Bounded by Venice Street, Main Avenue, Fingerboard Road and Richmond Road, Borough of Richmond. (Cal. No. 9.)

The Secretary presented affidavit of publication showing that the matter had been duly advertised in accordance with a resolution adopted by the Board on May 1, 1914.

No one appearing in opposition to or in favor of the proposed change, the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 1st day of May, 1914, a resolution was adopted proposing to change the map or plan of the City of New York so as to establish the lines and grades of the street system within the territory bounded by Venice street, Main avenue, Fingerboard road and Richmond road, and change the grades of Targee street, between Rome street and Fingerboard road, in the Borough of Richmond, City of New York, and appointing a hearing at a meeting of this Board to be held on the 28th day of May, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, It appears from the affidavit of the Supervisor of the City Record that the aforesaid resolution and notice have been published in the CITY RECORD for ten days prior to the 28th day of May, 1914; and

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now, therefore, be it

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 to change the map or plan of the City of New York by establishing the lines and grades of the street system within the territory bounded by Venice street, Main avenue, Fingerboard road and Richmond road, and changing the grades of Targee street, between Rome street and Fingerboard road, in the Borough of Richmond, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated July 23, 1913.

Which was adopted by the following vote:

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

FIXING ROADWAY AND SIDEWALK WIDTHS.

Borough of Brooklyn.

Fixing the Roadway Width of 2d Avenue, from 6th Street to Hamilton Avenue, at 42 Feet, Borough of Brooklyn. (Cal. No. 10.)

The Secretary presented a communication from the Acting Commissioner of Public Works, Borough of Brooklyn, dated November 21, 1913, requesting the establishment of a special roadway treatment for 2nd avenue, from Gowanus Canal to Hamilton avenue; and the following report of the Chief Engineer:

Report No. 13838. May 22, 1914.

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

Sir—Herewith is transmitted a communication from the Acting Commissioner of Public Works, Borough of Brooklyn, bearing date of November 21, 1913, requesting the establishment of a special roadway treatment for 2d avenue from Gowanus Canal to Hamilton avenue.

This street has been laid out upon the City map to have a width of 80 feet and under the general rule should have a roadway 44 feet wide.

The Acting Commissioner advises that south of 6th street the street has already been paved with a roadway 42 feet wide, and requests that provision be made for legalizing existing conditions. On April 17th of the current year the Board adopted a resolution under which a treatment identical with that now proposed was established for the section of the street extending from Gowanus Canal to 6th street, and I can see no reason why the request of the Acting Commissioner should not be favorably considered in so far as it relates to the remaining section of the street.

I would therefore recommend the adoption of a resolution fixing the roadway width of 2d avenue from 6th street to Hamilton avenue at 42 feet, the roadway to be centrally located.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, By the Board of Estimate and Apportionment of The City of New York that the width of the roadway of 2d avenue from 6th street to Hamilton avenue, Borough of Brooklyn, is hereby established at 42 feet; said roadway to be centrally located.

Which was adopted by the following vote:

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

Borough of The Bronx.

Rescinding Resolution Directing the Removal of Encroachments on 149th Street, Between St. Anns Avenue and 3d Avenue, in so far as it Affects Said Street Between St. Anns Avenue and Brook Avenue, Borough of The Bronx. (Cal. No. 11.)

The Secretary presented the following communication from the President of the Borough of The Bronx:

City of New York, President of the Borough of The Bronx, 3rd Avenue and 177th Street, Office of the President, May 20, 1914.

Board of Estimate and Apportionment, Municipal Building, New York City:

Dear Sir—On December 4, 1913, the Board of Estimate and Apportionment adopted a resolution authorizing the Borough President to remove or cause to be removed all encroachments or encumbrances on 149th street, between St. Ann's avenue and 3rd avenue, in the Borough of The Bronx.

I have caused repeated inspections to be made at different hours of different days, and it does not appear that the traffic on 149th street, in the block between St. Ann's avenue and Brook avenue, is sufficiently heavy or congested to require the removal of the sidewalk encroachments.

This matter was taken up by the Local Board of Morrisania, 22d District, at their meeting on May 12, 1914, and a resolution was adopted recommending that the order for the removal of encroachments be rescinded in the block of East 149th street, between St. Ann's avenue and Brook avenue.

After very careful consideration, I have decided that the best interests of the Borough warrant my requesting that the resolution adopted by the Board of Estimate and Apportionment on December 4, 1913, providing for the removal of encroachments on 149th street, between St. Ann's avenue and 3rd avenue, in the Borough of The Bronx, be rescinded in so far as it affects 149th street, in the block between St. Ann's avenue and Brook avenue. Very truly yours,

DOUGLAS MATHEWSON, President of the Borough of The Bronx.

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

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby rescinds the resolution adopted by said Board on December 4, 1913, directing the removal of sidewalk encroachments on 149th street between St. Anns avenue and 3d avenue, Borough of The Bronx, in so far as it affects said 149th street in the block between St. Anns avenue and Brook avenue.

Which was adopted by the following vote:

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

Borough of Queens.

Fixing the Roadway Width of Newtown Road, from Grand Avenue to Jamaica Avenue, Borough of Queens. (Cal. No. 12.)

The Secretary presented a communication, dated March 9, 1914, from the Secretary to the President of the Borough of Queens, requesting the Board to authorize a roadway width for Newtown road, between Grand avenue and Jamaica avenue; and the following report of the Chief Engineer of the Board:

Report No. 13739. May 4, 1914.

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

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens, bearing date March 9, 1914, requesting on behalf of the Borough President the establishment of a special roadway treatment for Newtown road, from Grand avenue to Jamaica avenue.

This street between the limits named has a length of three blocks or about 1,200 feet. For a distance of about 400 feet adjoining Grand avenue the street has been given a width of 50 feet, but in the remaining portion of the distance this is reduced to 46 feet. In the former section the general rule governing such matters would require a roadway width of 30 feet, and in the latter section one of 27.6 feet.

It is desired to carry out a grading improvement in Newtown road and to establish conditions which will permit of providing a serviceable highway within the dedicated area, this, it being understood, not conforming with the lines to which the street has been incorporated upon the City plan.

With the papers is submitted information showing that if a roadway 25 feet wide is provided along the centre of the mapped street all of the existing encroachments will be avoided and a small area will be left for the use of pedestrians. It appears that where curbing has been set along the intersecting streets the returns have all been made on a similar basis.

In accordance with the request of the Borough President, I would recommend the adoption of a resolution fixing the roadway width of Newtown road, from Grand avenue to Jamaica avenue, at 25 feet, the roadway to be centrally located.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, By the Board of Estimate and Apportionment of The City of New York that the width of the roadway of Newtown road from Grand avenue to Jamaica avenue, Borough of Queens, is hereby established at 25 feet; said roadway to be centrally located.

Which was adopted by the following vote:

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

APPROVAL OF MAPS AND PLANS.

Rule, Damage and Profile Maps.

Borough of The Bronx.

Supplementary Rule Map in the Proceeding for Acquiring Title to Nereid Avenue, from White Plains Road to Bullard Avenue, Borough of The Bronx. (Cal. No. 13.)

The Secretary presented a communication, dated January 6, 1914, from the Commissioner of Public Works of the Borough of The Bronx transmitting the supplementary rule map; and the following report of the Chief Engineer of the Board:

Report No. 13800. May 22, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of The Bronx, bearing date of January 6th, 1914, presenting for consideration the supplementary rule map prepared for the court record and for the use of the Commissioners of Estimate and Assessment appointed in the proceeding for acquiring title to Nereid avenue, from White Plains road to Bullard avenue.

A proceeding relating to this street, from White Plains road to the Bronx River was instituted by the Board of Public Improvements on November 13th, 1901. The Commissioners filed their oaths on May 21st, 1903, and on April 27th, 1906, the proceeding was confirmed as to awards, excepting Parcels 34 and 35, these comprising land in railroad use. On October 3rd, 1912, the proceeding was amended by excluding the section west of Bullard avenue, and a further amendment was effected on December 18th of the following year under which a recent change in the lines of Bullard avenue was recognized.

The map now presented conforms with the requirements of the proceeding as finally amended, and I would recommend that it be approved, and after certification, forwarded to the Corporation Counsel.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the supplementary rule map, submitted by the President of the Borough of The Bronx, to be used by the Corporation Counsel in the proceed-

ing authorized by the Board of Public Improvements under a resolution adopted on November 13, 1901, and amended on October 3, 1912, and further amended on December 18, 1913, for acquiring title to Nereid avenue, between White Plains road and Bullard avenue, Borough of The Bronx.

Which was adopted by the following vote:

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

Supplementary Profile Map in the Proceeding for Acquiring Title to Victor Street, from Van Nest Avenue to Rhinelander Avenue; to Rhinelander Avenue, from Unionport Road to White Plains Road, and to Cruger Avenue, from White Plains Road to Rhinelander Avenue, Borough of The Bronx. (Cal. No. 14.)

The Secretary presented a communication, dated May 5, 1914, from the Commissioner of Public Works of the Borough of The Bronx transmitting the supplementary profile map; and the following report of the Chief Engineer of the Board:

Report No. 13795. May 15, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of The Bronx, bearing date of May 5th, 1914, presenting for consideration the supplementary profile map prepared for the court record and for the use of the Commissioners of Estimate and Assessment appointed in the proceeding for acquiring title to the following streets: Victor street, from Van Nest avenue to Rhinelander avenue; Rhinelander avenue, from Unionport road to White Plains road; Cruger avenue, from White Plains road to Rhinelander avenue.

This proceeding was instituted by the Board of Estimate and Apportionment on July 6th, 1911. The rule and damage maps were subsequently approved and the Commissioners filed their oaths on June 11th, 1912. Certain changes were later made in the lines of each of the streets, and the opening proceeding was correspondingly amended through a resolution adopted on June 12th, 1913. The supplementary rule map and damage map were approved at the meeting held on May 1st of the current year.

The map now presented conforms with the requirements of the present city plan and embodies such information as is needed to enable the Commissioners to determine the amount of damage resulting from the proposed regulating and grading of the streets. I would recommend that it be approved and forwarded to the Corporation Counsel after certification.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the supplementary profile map, submitted by the President of the Borough of The Bronx, to be used by the Corporation Counsel in the proceeding authorized by said Board on July 6, 1911, and amended on June 12, 1913, for acquiring title to Cruger avenue, from White Plains road to Rhinelander avenue; to Victor street, from Van Nest avenue to Rhinelander avenue; and to Rhinelander avenue, from Unionport road to White Plains road, Borough of The Bronx.

Which was adopted by the following vote:

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

Borough of Queens.

Approval of Sections 1, 2 and 3 of the Damage Maps in the Proceeding for Acquiring Title to Liberty Avenue, from the Brooklyn Borough Line to Van Wyck Avenue, Borough of Queens. (Cal. No. 15.)

The Secretary presented a communication, dated May 11, 1914, from the Secretary to the President of the Borough of Queens transmitting sections 1, 2 and 3 of the damage map in duplicate; and the following report of the Chief Engineer of the Board:

Report No. 13819. May 22nd, 1914.

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

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens, bearing date of May 11th, 1914, presenting for consideration Sections 1, 2 and 3 of the damage map prepared for the court record and for the use of the Commissioners of Estimate and Assessment appointed in the proceeding for acquiring title to Liberty avenue, from the Brooklyn Borough line to Van Wyck avenue.

This proceeding was instituted by the Board of Estimate and Apportionment on July 10th, 1913, and the rule map was approved on September 25th following, at which time the Corporation Counsel was authorized to apply for the appointment of Commissioners prior to the completion of the damage map. On February 26th of the current year, this being the date of the filing of the oaths of the Commissioners of Estimate and Assessment, title to all of the land within the street lines west of Athfield avenue, excepting the right of way of the Long Island Railroad at Ocean avenue, was vested in the City.

The maps now presented conform in dimensions with the plan under which the street was laid out and include all of the street length between the Borough line and Spruce street, in which section the proceeding affects an area of 944,788.9 square feet. Of this area 721,369.6 square feet was acquired by the City prior to the institution of the opening proceeding, leaving a net area of 223,419.3 square feet still to be acquired at that time.

The street is in use for a portion of its width through the entire distance and a number of buildings have been erected upon the abutting property; 19 of these, together with steps and fences, encroaching upon the land needed for the widening.

Portions of the street between the limits now under consideration are shown on maps filed by the property owners between October 14th, 1884, and February 19th, 1913, and also upon a map the date of the filing of which is not known.

I would recommend the approval of the maps and that after certification they be forwarded to the Corporation Counsel.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves sections 1, 2 and 3 of the damage maps submitted by the President of the Borough of Queens, to be used by the Corporation Counsel in the proceeding authorized by said Board on July 10, 1913, for acquiring title to Liberty avenue, from the Brooklyn Borough line to Van Wyck avenue, Borough of Queens.

Which was adopted by the following vote:

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

Sewerage and Drainage Plans.

Borough of The Bronx.

Modifying the Drainage Plan for Sewerage District No. 32-H, Borough of The Bronx. (Cal. No. 16.)

The Secretary presented a communication, dated October 8, 1913, from the Commissioner of Public Works of the Borough of The Bronx transmitting plan showing the proposed modification; and the following report of the Chief Engineer of the Board:

Report No. 13787. May 13th, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of The Bronx, bearing date of October 8, 1913, requesting the approval of a modification in the drainage plan for Sewerage District No. 32-H.

This plan relates to the territory bounded approximately by 3d avenue, East 140th street, Willis avenue and Southern boulevard. It indicates provision for replacing the sewer in East 135th street from Lincoln avenue to 3d avenue, in East 139th street from Alexander avenue to 3d avenue, and in 3d avenue from East 138th street to East 140th street, with a sewer of larger diameter; provision for additional sewers in Willis avenue and Alexander avenue from Southern boulevard to East 137th street, and in Southern boulevard from Willis avenue to Lincoln avenue; together with a storm water overflow sewer in 3d avenue from Southern boulevard to the Harlem River. The Board is informed that the existing sewers in this section are of an inadequate capacity, and that the carrying out of the plan now proposed is intended to afford adequate relief.

I see no reason why the plan should not be approved, and would recommend such action. Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the modified drainage plan showing location, sizes and grades of sewers in Sewerage District No. 32-H, being the design for sewers in Willis avenue and Alexander avenue, between East 137th street and Southern boulevard; in East 139th street, between Alexander avenue and 3d avenue; in 3d avenue, between East 138th street and East 140th street; in East 135th street, between Lincoln avenue and 3d avenue; and in Southern boulevard, between Willis avenue and Lincoln avenue, Borough of The Bronx, bearing the signature of the President of the Borough and dated October 2d, 1913.

Which was adopted by the following vote:

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

Borough of Queens.

Modifying the Drainage Plan for Sewerage District No. 20, Borough of Queens. (Cal. No. 17.)

The Secretary presented a communication, dated May 5, 1914, from the Secretary to the President of the Borough of Queens transmitting plan showing the proposed modification; and the following report of the Chief Engineer:

Report No. 13817. May 20, 1914.

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

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens, bearing date of May 5, 1914, requesting the approval of a modification in the drainage plan for Sewerage District No. 20.

This plan relates to the sewers in Perry avenue, between Betts avenue and Clarke avenue, and in Clarke avenue, between Perry avenue and Rust street, here providing for an increase in capacity of the trunk sewers heretofore planned for these streets, and for a slight adjustment in the hydraulic grade. The changes are intended to form a part of a more comprehensive modification of the drainage plan of this district, some of the details of which have not yet been fully determined upon. The effect of the changes, however, will be to rearrange the lines of flow in such a way as to require the increased capacity now shown.

I see no reason why the plan should not be approved, and would recommend such action.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the modified drainage plan showing location, sizes and grades of sewers in Sewerage District No. 20, Borough of Queens, being the design for sewers in Perry avenue, between Betts avenue and Clarke avenue; and in Clarke avenue, Perry avenue and Rust street, bearing the signature of the President of the Borough and dated April 28, 1914.

Which was adopted by the following vote:

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

Modifying Drainage Plan for Temporary Sewers at Malba, Borough of Queens. (Cal. No. 18.)

The Secretary presented a communication dated May 25, 1914, from the President of the Borough of Queens, transmitting the proposed modified drainage plan; and the following report of the Chief Engineer of the Board:

Report No. 13843. May 25, 1914.

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 15, 1914, a plan was approved showing a temporary drain passing through an easement extending from a point in Roxboro avenue near 20th street to a point in Fletcher avenue about 200 feet east of 4th avenue; thence through Fletcher avenue to the intersection with Chesterfield boulevard; and thence through Chesterfield boulevard from Fletcher avenue to Powell's Cove at Malba. On the same date preliminary authorization was given for the construction of the drain.

In the accompanying communication from the President of the Borough of Queens, bearing date of May 25, 1914, the Board is informed that a further investigation has shown that a concrete sewer could be built in place of the timber box drain shown on the original plan at only a comparatively slight increase in cost, and that for this reason it is desired to substitute a plan amending the one approved on May 15 last in such a way as to legalize the proposed change in the construction.

The plan in my judgment is a proper one, and its approval is recommended.

Respectfully,
NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the amended temporary drainage plan showing a sewer at Malba, Borough of Queens, extending from Roxboro avenue (5th avenue), near 22d street westwardly across private property to Fletcher avenue (21st street), and thence traversing Fletcher avenue and Chesterfield boulevard (boulevard) to Powell's Cove, bearing the signature of the President of the Borough and dated May 22, 1914.

Which was adopted by the following vote:

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

REPORTS.

From Standing Committees.

Committee on Port and Terminal Facilities.

Improvement of the Tracks and Structures of the New York Central and Hudson River Railroad Company on the West Side of the City, Borough of Manhattan.

Location of Port of Call, Between Dyckman Street and Harlem Ship Canal. (Cal. No. 19.)

The Secretary presented the following:

May 20, 1914.

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

Sir—On January 16, 1913, the Board of Estimate and Apportionment adopted a resolution requesting the State Canal Board to change the proposed location of the Port of Call for the Barge Canal from the location tentatively selected between the northerly line of Dyckman street and the southerly line of the Harlem Ship Canal to a point south of Dyckman street. This action was taken in order that in the event of ultimate establishment of a City park upon Inwood Hill the waterfront would not be encumbered by barges. It was also the opinion of the Board of Estimate and Apportionment at that time that the Barge Canal Port of Call could profitably be combined with the proposed yard of the New York Central and Hudson River Railroad Company south of Dyckman street. Since this action by the Board of Estimate and Apportionment the matter has been restudied by the Department of Docks and Ferries, on behalf of the Committee on Port and Terminal Facilities, and consultations have been had with property owners and with the State Engineer. The result of this reinvestigation has satisfied the Committee on Port and Terminal Facilities that the Board of Estimate and Apportionment should reconsider its former action and the City should withdraw its objections to the location of the Port of

Call as originally proposed by the State Canal Board. It appears that it is not the purpose of the State Canal Board that the Port of Call should act as a receiving and discharging station, but that it consists simply of facilities for tying-up barges awaiting final orders before proceeding to ultimate destination. This means that it will not be necessary to use any portion of the upland for barge purposes, but that the entire purpose of the Port of Call can be served by the placing of pile clusters for the tying-up of barges. The section south of Dyckman street, in the opinion of the Commissioner of Docks, may very possibly be ultimately required for the purpose of constructing new commercial piers. This purpose could not be served in the section north of Dyckman street, owing to the topography of Inwood Hill.

A resolution is submitted herewith withdrawing the City's objection, with the recommendation that a copy of it be transmitted to the State Canal Board and to the United States Harbor Line Board. Respectfully submitted,

WM. A. PRENDERGAST, Comptroller; MARCUS M. MARKS, President, Borough of Manhattan; LEWIS H. POUNDS, President, Borough of Brooklyn; R. A. C. SMITH, Commissioner of Docks, Committee on Port and Terminal Facilities.

The following was offered:

Whereas, It appears to the satisfaction of the Board of Estimate and Apportionment that the location of the Port of Call of the State Barge Canal, as proposed by the State Canal Board at a point between the northerly line of Dyckman street and the southerly line of the Harlem Ship Canal, will not unduly interfere with the proper development of Inwood Hill for park purposes; now, therefore, be it

Resolved, That The City of New York, acting through the Board of Estimate and Apportionment, withdraws its objections to the establishment of the Port of Call as proposed; and be it further

Resolved, That a copy of this resolution be transmitted to the Canal Board of the State of New York and to the United States Harbor Line Board.

Which was adopted by the following vote:

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

Department of Docks and Ferries—Improvement of Water-front, East River, Legislation Thereon (Cal. No. 20).

(On March 16, 1914, the communication from the New York Board of Trade and Transportation in this matter was referred to the Committee on Port and Terminal Facilities, as was also on April 3, 1914, a communication from Hon. Charles F. MacLean.)

The Secretary presented a communication from the Secretary of the New York Board of Trade and Transportation, dated February 25, 1914, suggesting a method for the improvement of the East River and waters of the Port of New York; a communication from the Hon. Charles F. MacLean, dated March 27, 1914, supporting the proposition made by the New York Board of Trade and Transportation; and the following report of the Committee on Port and Terminal Facilities:

May 11, 1914.

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

Sir—At the meeting of April 3, 1914, there was referred to the Committee on Port and Terminal Facilities for examination a communication from the Hon. Charles F. MacLean, proposing that The City of New York negotiate with the National Government to secure the hastening of the improvement of the East River, as proposed in the pending Rivers and Harbors Bill, by offering to assume one-fifth of the total cost as a consideration for the completion of the project within ten years.

The Committee held a public hearing in the matter on April 16 at which time favorable consideration was urged by Mr. MacLean and by representatives of the New York Board of Trade and Transportation and others.

The project for improving the East River to provide a through channel 35 feet deep at mean low water, as included in the pending Rivers and Harbors Bill (H. R. 13811), has been placed in the bill only after considerabe effort on the part of The City of New York acting both officially through his Honor the Mayor and unofficially through a number of its important commercial organizations.

The present bill contains an appropriation of $500,000 for beginning a project which ultimately will cost $13,398,519. This is a modification of the project as originally recommended by the District Engineer, which provided for an expenditure of $32,533,502. When a study for the modified project was completed by the District Engineer in 1912 the New York State Commission to Investigate Port Conditions held a public hearing on February 17, 1912, to give an opportunity to the various commercial organizations of the Port to express themselves with reference to it. At this hearing practically all of the larger organizations were represented, including the Chamber of Commerce, the Merchants' Association and the Maritime and Produce Exchanges. At the close of this hearing a resolution was adopted in favor of the project as presented by Colonel Black, the District Engineer.

The matter was formally presented to Congress at the present session, and a public hearing was held by the Committee on Rivers and Harbors at which his Honor, the Mayor, appeared urging its inclusion in the present Rivers and Harbors Act. The matter was acted upon favorably and the bill as reported in the House of Representatives included an item of $500,000 as the first step toward carrying out the project for a 35-foot channel.

If The City of New York were to begin negotiations, as suggested by the New York Board of Trade and Transportation and by Mr. MacLean, it would mean under Congressional Rules a sending back of the matter for further examination and report which would inevitably result in the dropping of the item from the present Rivers and Harbors Act.

It is of the utmost importance to the Port of New York that the project be initiated at the present session of Congress, and anything which would result in the elimination of it from the present act would be a very serious blow to the development of the Port.

It should be made perfectly clear at this time that the result of the expenditure of money upon the East River, as proposed by Congress, will necessarily mean a very large expenditure by The City of New York for dredging inshore of pierhead lines. The Commissioner of Docks reports to the Committee that a study of only one section of the East River, namely, between the foot of Rivington street and the foot of 30th street, shows a future expenditure by the City for this purpose of $810,000 as against an approximate expenditure of $1,495,396 by the Federal Government for channel dredging in the same section.

It is a very serious question, therefore, whether the City should undertake any contribution to main channel work. Whether this be so or not, your Committee is convinced this is not the time to present the matter for the consideration of the Federal authorities, and that nothing should be done to disturb the present item for the improvement of the East River as included in the Rivers and Harbors Bill. Respectfully submitted,

WILLIAM A. PRENDERGAST, Comptroller; MARCUS M. MARKS, President, Borough of Manhattan; LEWIS H. POUNDS, President, Borough of Brooklyn; R. A. C. SMITH, Commissioner of Docks, Committee on Port and Terminal Facilities.

Which report was adopted by the following vote:

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

Committee on the City Plan.

Widening Fulton Street on its Northerly Side, Between the Flatbush Avenue Extension and a Point About 47 Feet East of Rockwell Place; Fulton Street, on its Southerly Side, Between Rockwell Place and Ashland Place, and Ashland Place, on its Westerly Side, Between Fulton Street and a Point About 91 Feet North of Lafayette Avenue, in the Borough of Brooklyn. (Cal. No. 21.)

The Secretary presented the following:

Board of Estimate and Apportionment, City of New York, May 16, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On January 30, 1914, the Board referred to the standing Committee on City Plan the plan submitted by the President of the Borough of Brooklyn on March 25, 1913, showing a widening of Fulton street on its northerly side between the Flatbush Avenue Extension and a point about 47 feet east of Rockwell place, of Fulton street on its southerly side between Rockwell place and Ashland place, and of Ashland place on its westerly side between Fulton street and a point about 91 feet north of Lafayette avenue.

This plan was made the subject of a report by the Chief Engineer of the Board, and a public hearing was given on July 10, 1913. The matter was laid over from time to time, and on December 4, 1913, it was referred to the Transit Conference Committee for the reason that the land which would be taken in the widening had been acquired in the proceeding instituted by the Public Service Commission for purposes of subway construction, and a question had been raised as to whether or not this land should not be sold subject to the easement for maintaining and operating the Rapid Transit Railroad and the receipts of such sale credited to the Rapid Transit Subway Construction Company. On January 30, 1914, in the reassignment of pending matters to standing committees, this proposed widening of Fulton street was referred to the Committee on the City Plan.

Since that time the President of the Borough of Brooklyn has informally submitted to the Committee an amended plan, in accordance with which it is proposed to widen Fulton street to a less extent, the widening being limited to 27 feet on the north side of the street between the Flatbush Avenue Extension and Hudson avenue and 20 feet between Hudson avenue and Rockwell place, by taking a small triangle from the northeasterly corner of Rockwell place and Fulton street, and by widening 15 feet on the southerly side of Fulton street between Rockwell place and Ashland place.

This amended plan reduces very materially the amount of land to be taken for street purposes and would leave property of great value which would be suitable for substantial improvement. The question as to the structural problems which might be involved by the moving of the elevated railway columns to the curb line and setting back the front line of buildings which might be erected is to be taken up with the Engineers of the Public Service Commission. Meanwhile we would recommend that the new plan be referred to the Chief Engineer of the Board for report when he shall have received the necessary information as to the effect upon the subway.

Respectfully, GEORGE McANENY, President, Board of Aldermen, Chairman; MARCUS M. MARKS, President, Borough of Manhattan; L. H. POUNDS, President, Borough of Brooklyn; DOUGLAS MATHEWSON, President, Borough of The Bronx; MAURICE E. CONNOLLY, President, Borough of Queens; C. J. McCORMACK, President, Borough of Richmond, Committee on City Plan.

On motion the matter was referred to the Chief Engineer of the Board for report.

Laying Out Lines and Grades for Rhine Avenue, Between Richmond Road and Hansa Street, Borough of Richmond. (Cal. No. 22.)

The Secretary presented the following:

Board of Estimate and Apportionment, City of New York, May 16, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On February 20, 1914, the Board referred to the standing Committee on the City Plan a map submitted by the President of the Borough of Richmond showing the lines and grades proposed for Rhine avenue between Richmond road and Hansa street, in the Borough of Richmond, it being proposed to give this street a width of 50 feet.

This plan was the subject of a report from the Chief Engineer of the Board, in which it was pointed out that, while the Board had left to the Chief Engineer considerable discretion in recommending the adoption of streets less than 60 feet in width provided they had a length not exceeding 1,500 feet, where this length was exceeded the President of the Borough was to be asked to submit information showing what building or other damage would result from establishing a width of at least 60 feet. Rhine avenue is about 3,000 feet in length, covering six long blocks, and it is shown from information furnished by the Borough President that, while the street is in use for most of the distance at a width of 50 feet, a widening to 60 feet would result in damage to five buildings having an assessed value of about $4,000, and would also interfere with porches and steps of a few other buildings. While the building damage is shown to be slight, it was pointed out in the report that Rhine avenue lies between Richmond road on the west, to which it is proposed to give a width of 80 feet, and Targee street on the east, which has already been acquired at a width of 75 feet. Inasmuch as there is no likelihood of Rhine avenue being extended beyond the length now proposed, your Committee believes that it would be entirely proper and consistent with the Board's policy to accept the map laying out this street at a width of fifty (50) feet, and we would therefore recommend that the plan be approved, the necessary public hearing having already been held on February 20, 1914. Respectfully,

GEORGE McANENY, President, Board of Aldermen, Chairman; MARCUS M. M. MARKS, President, Borough of Manhattan; L. H. POUNDS, President, Borough of Brooklyn; DOUGLAS MATHEWSON, President, Borough of The Bronx; MAURICE E. CONNOLLY, President, Borough of Queens; C. J. McCORMACK, President, Borough of Richmond, Committee on the City Plan.

The following was offered:

Whereas, At a meeting of this Board, held on the 16th day of January, 1914, a resolution was adopted proposing to change the map or plan of The City of New York so as to lay out the lines and grades of Rhine avenue from Richmond road to Hansa street, in the Borough of Richmond, City of New York, and appointing a hearing at a meeting of this Board to be held on the 13th day of February, 1914, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD for ten days prior to the 13th day of February, 1914; and,

Whereas, It appears from the affidavit of the Supervisor of the City Record that the aforesaid resolution and notice have been published in the CITY RECORD for ten days prior to the 13th day of February, 1914; and,

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now, therefore, be it

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 to change the map or plan of The City of New York by laying out the lines and grades of Rhine avenue from Richmond road to Hansa street, in the Borough of Richmond, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the President of the Borough, and dated February 5, 1913.

Which was adopted by the following vote:

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

Committee on Assessments.

Relief from the Assessment for Acquiring Title to Central Avenue, from Myrtle Avenue to Edsall Avenue, Borough of Queens. (Cal. No. 23.)

The Secretary presented the following:

Board of Estimate and Apportionment, City of New York, May 5, 1914.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—On March 27 last the Board of Estimate and Apportionment referred to its standing Committee on Assessments the matter of relief from the assessment for acquiring title to Central avenue from Myrtle avenue to Edsall avenue, Borough of Queens. On February 20, 1914, a hearing was given on an enlarged district of assessment for the opening of this street, and at the close of the hearing the matter was referred back to the Chief Engineer for a further report on a still further enlargement of the area of benefit which was urged on the ground that the district of benefit which was the basis of the hearing on February 20 did not include property fronting upon Myrtle avenue which would be greatly relieved by the opening and improvement of Central avenue. This was done, and a revised area of assessment was prepared, which included both sides of Myrtle avenue from the Manhattan Beach Division of the Long Island Railroad to a point 100 feet southeast of the southeasterly side of Copeland avenue, the new boundary then running along this line 100 feet from Copeland avenue to its intersection with the boundary of the former proposed area of benefit at the easterly side of Proctor street. On March 27 objection was raised to the larger area on the ground that the abutting property on Myrtle avenue would be in no way benefited, and the matter was referred to the Committee on Assessments.

On April 29 your Committee gave a hearing upon this and other matters referred to it, and after listening to the arguments in favor of and in opposition to the new

area of benefit, we are convinced that the property fronting upon Myrtle avenue between the Manhattan Beach Division of the Long Island Railroad and Copeland avenue will be benefited by the opening of Central avenue. The amount of this benefit will be determined by the Commissioner of Assessment. Fear was expressed by those opposing the enlarged district that a large proportion of the cost of the proceeding would be placed upon the Myrtle avenue frontage, but the practice of the Street Opening Bureau is to place a larger proportion of the cost upon the property fronting upon the new street and to grade the assessments in such a manner as to make them conform with the actual amount of benefit. This would probably result in a very slight assessment on the Myrtle avenue frontage, and we believe that there is no reasonable objection to the enlarged area now proposed, and we would therefore recommend its adoption. Respectfully,

DOUGLAS MATHEWSON, President, Borough of The Bronx; WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, Mayor.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, after a public hearing held by the said Board on March 27, 1914, deeming it for the public interest so to do, hereby enlarges the district of assessment, so as to comprise the following area, in the proceeding authorized by said Board for acquiring title to Central avenue, between Myrtle avenue and Edsall avenue, Borough of Queens, which authorization was granted under resolutions adopted by the Board on March 8, 1907, December 3, 1909, and March 23, 1911:

Beginning at a point on the prolongation of a line midway between Cook street and Graeme avenue as these streets are laid out between Proctor street and Hinman street, distant 100 feet westerly from the westerly line of Proctor street, the said distance being measured at right angles to Proctor street and running thence eastwardly along the said line midway between Cook street and Graeme avenue and along the prolongations of the said line to the intersection with the easterly line of Griffith avenue; thence eastwardly at right angles to Griffith avenue a distance of 100 feet; thence southwardly and parallel with Griffith avenue to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Speer street, the said distance being measured at right angles to Speer street; thence southwardly along the said line parallel with Speer street 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 Sprague street, the said distance being measured at right angles to Sprague street; thence southwardly along the said line parallel with Sprague street to a point distant 100 feet southerly from the southerly line of Copeland avenue, the said distance being measured at right angles to Copeland avenue; thence generally westwardly and always distant 100 feet southerly from and parallel with the southerly line of Copeland avenue and its prolongation to a point distant 100 feet southerly from the southerly line of Myrtle avenue, the said distance being measured at right angles to Myrtle avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Myrtle avenue to the intersection with the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of Central avenue as this street is laid out where it meets Myrtle avenue, the said distance being measured at right angles to Central avenue; thence northeastwardly along the said line parallel with Central avenue and along the prolongation of the said line to the intersection with the southerly line of Kossuth place; thence northeastwardly in a straight line to a point on the northerly line of Kossuth place distant 100 feet westerly from the westerly line of Otto street, the said distance being measured at right angles to Otto street; thence generally eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Otto street and the prolongation thereof to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Lafayette street, the said distance being measured at right angles to Lafayette street; thence southwardly along the said line parallel with Lafayette street and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Edsall avenue, the said distance being measured at right angles to Edsall avenue; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Edsall avenue to the intersection with the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of Edison place, the said distance being measured at right angles to Edison place; thence northwardly along the said prolongation of a line parallel with Edison place to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Edsall avenue as this street is laid out immediately east of Edison place, the said distance being measured at right angles to Edsall avenue; thence eastwardly along the said line parallel with Edsall avenue and along the prolongation of the said line to the intersection with a line parallel with Proctor street and passing through the point of beginning; thence northwardly along the said line parallel with Proctor street to the point or place of beginning.

Which was adopted by the following vote:

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

Discontinuing the Proceeding for Acquiring Title to the Land Needed for the Widening of Crescent Street, from South Jane to 13th Streets, and for Nott Avenue, from Hunter Avenue to Jackson Avenue, Borough of Queens, or Enlarging the Area of Assessment Therein. (Cal. No. 24.)

The Secretary presented the following:

Board of Estimate and Apportionment, City of New York, May 23, 1914.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—On January 30, 1914, the matter of discontinuing the proceeding for acquiring title to the land needed for the widening of Crescent street from South Jane to 13th streets, and to Nott avenue from Hunter to Jackson avenues, Borough of Queens, was referred to the Committee on Assessments.

This Committee, after physically examining the street and the location, submitted a report, dated April 1, in which, after reviewing the circumstances, the opinion was expressed that the improvement was a proper one, that it should not be discontinued, and that no injustice is involved in assessing the entire cost upon the area of benefit heretofore laid out, and recommending that the Corporation Counsel be instructed to advance the proceedings to completion as rapidly as possible. The Board on April 24, 1914, adopted the recommendations of the Committee and denied the petition for discontinuance of the proceeding, but at the same time referred the matter back to the Committee for a public hearing. Such hearing was given by the Committee on April 29 last, and while the Committee has given careful consideration to the arguments submitted to it, it is unable to see any reason for changing the recommendations made in its previous report. The area of assessment is already so large that we cannot recommend its increase; we are unable to see that the improvement is other than local in its character, and this further report is made for the purpose of stating that the Committee has given the hearing suggested by the Board and that it sees no reason to change the recommendations already made. Respectfully,

DOUGLAS MATHEWSON, President, Borough of The Bronx; WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, Mayor.

Mr. Edward W. Murphy, Mr. Edward R. Finch and Mr. Henry P. Willis appeared in support of the recommendations made by the Committee in its report.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the report of the Committee on Assessments of the Board, dated May 23, 1914, in the matter of discontinuing the proceeding for acquiring title to the land needed for the widening of Crescent street, from South Jane street to 13th street, and for Nott avenue, from Hunter avenue to Jackson avenue, Borough of Queens; and be it further

Resolved, That the Corporation Counsel be and he is hereby requested to ask the Supreme Court to postpone action in this proceeding for one week, when submitted to the Court on June 1, 1914, in order to afford property owners an opportunity to reimburse the City for the costs incurred therein, and to apply for the discontinuance of the proceeding.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx and Richmond—15.

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

Committee on Salaries and Grades.

The Mayoralty—Modification of Schedule (Cal. No. 25).

The Secretary presented the following report of the Committee on Salaries and Grades:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, May 14, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 1, 1914, your Board adopted a resolution establishing, in the office of the Mayor, the grades of positions of Assistant Secretary at $5,000 per annum and Secretary at $4,000 per annum. The object of these establishments is to change the title of the present position of Secretary, at $5,000, to Assistant Secretary, at $5,000, and the position of Assistant Secretary, at $4,000, to Secretary, at $4,000. The Mayor requests that these changes be made effective at the earliest possible moment.

We recommend the adoption of the attached resolution modifying the schedule to embody the changes requested, to become effective when the Mayor approves the establishment of the new positions by the Board of Aldermen.

Respectfully, WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, Committee on Salaries and Grades.

The request for the establishment of said positions has been amended to include only the position of Assistant Secretary at $5,000 per annum, and the following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Mayoralty, for the year 1914, to be effective when the Mayor approves of the establishment of the grade of position of Assistant Secretary, at $5,000, as follows:

Personal Service.

61	Salaries, Regular Employees—	
	Secretary to the Mayor	$6,500 00
	Assistant Secretary	5,000 00
	Executive Secretary	4,800 00
	Assistant Secretary	4,000 00
	Assistant Secretary, 2 at $3,000	6,000 00
	Chief Clerk, Bond and Warrant Clerk	4,000 00
	Executive Clerk	1,750 00
	Clerk, 2 at $2,500	5,000 00
	Clerk	2,000 00
	Clerk, Confidential	1,050 00
	Clerk	300 00
	Accountant	2,000 00
	Executive Stenographer	2,100 00
	Executive Stenographer	1,800 00
	Confidential Stenographer	2,100 00
	Messenger	1,950 00
	Telephone Operator	1,050 00
	Balance unassigned	310 00
		$51,710 00

Which was adopted by the following vote:

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

President, Borough of Brooklyn—Modification of Schedule (Cal. No. 26).

The Secretary presented a communication from the Commissioner of Public Works, Brooklyn, dated May 5, 1914, requesting the modification of a schedule for 1914; and the following report of the Committee on Salaries and Grades, recommending approval thereof:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, May 18, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 5, 1914, the President of the Borough of Brooklyn requested modification of a salary schedule in his office for the year 1914. The Bureau of Standards reports thereon as follows:

"In Personal Service, Salaries, Regular Employees, Care of Sewers, No. 557, Executive, the line 'Clerk, $1,200,' is changed to 'Clerk, $540,' 'Balance unassigned, $660.'

"A vacant position of Clerk at $1,200 is eliminated, a position of Clerk at $540 is created, and $660 is added to balance unassigned. It is proposed to fill this position by transfer of John Cassidy, a Clerk at $420, in the Board of Education, involving an increase of $120.

"The work to be done by the new Clerk is described as follows:

"To make entries in the Permit Registers from the stubs of the Permit Book of complete data relating to the issuance of permits for new house sewer connections and alterations, and from the Inspectors' reports of conditions after the connections have been made. To do general office work of indexing and filing.

"A tentative appraisal of the work indicates that an initial salary of $540 would be reasonable."

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

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, 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 Brooklyn, for the year 1914, as follows, to take effect from May 1, 1914:

PRESIDENT, BOROUGH OF BROOKLYN.

Personal Service, Salaries, Regular Employees, Care of Sewers.

557	Executive—	
	Superintendent	$5,000 00
	Assistant Superintendent, Maintenance and Repairs	2,250 00
	Clerk	2,550 00
	Clerk, 2 at $2,100	4,200 00
	Clerk	1,800 00
	Clerk, 2 at $1,650	3,300 00
	Clerk	900 00
	Clerk	540 00
	Stenographer and Typewriter	1,200 00
	Stenographer and Typewriter	900 00
	Inspectors, Sewer Connections, 12 at $1,200	14,400 00
	Messenger	1,050 00
	Auto Engineman	1,200 00
	Balance unassigned	960 00
	Schedule total	$40,250 00

Which was adopted by the following vote:

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

Department of Education—Establishment of Grade of Position of Stenographer and Typewriter (Cal. No. 27).

(On May 8, 1914 (Cal. No. 62), the request of the Board of Education in this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented a communication from the President of the Board of Education, dated April 30, 1914, requesting the establishment of the grade of position of Stenographer and Typewriter at $420 per annum; and the following report of the Committee on Salaries and Grades, recommending the approval thereof:

The City of New York, Department of Finance, Comptroller's Office, May 18, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On April 30, 1914, the Board of Education requested the establishment of the grade of position of Stenographer and Typewriter at $420 per annum

for one incumbent, pursuant to the provisions of section 56 of the Greater New York Charter. In connection therewith we report as follows:

On February 2, 1914, the Board of Education appointed Miss Emily B. Taylor, for temporary service, to the position of Stenographer and Typewriter at the rate of $420 per annum and her appointment was duly approved by the Civil Service Commission. She has rendered services from the date mentioned until May 18, 1914, without receiving any compensation, owing to the fact that the grade of position which she filled has never been established in the Department of Education.

With regard to the advisability of establishing the grade of position of Stenographer and Typewriter at $420 per annum, the Director of the Bureau of Standards, Board of Estimate and Apportionment, states that the minimum compensation adopted by the Bureau for stenographic work is $600 per annum.

In view of the foregoing, and to the end that Miss Taylor may receive compensation for services rendered we recommend that the grade be established as requested, with the understanding that it will subsequently be abolished.

The attached resolution is accordingly offered for adoption. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, 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 Education of grades of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents
Stenographer and Typewriter.....	$420 00	1

Which was adopted by the following vote:

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

Department of Education—Establishment of Grade of Position of Inspector of Masonry and Carpentry (Cal. No. 28).

(On May 22, 1914 (48-A), the resolution of the Board of Education in this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented a resolution of the Board of Education, adopted May 13, 1914, requesting the establishment of the grade of position of Inspector of Masonry and Carpentry, at $1,500 per annum, for six additional incumbents; and the following report of the Committee on Salaries and Grades, recommending approval thereof:

The City of New York, Department of Finance, Comptroller's Office, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 13, 1914, the Board of Education requested the establishment of six additional positions of Inspector of Masonry and Carpentry, at $1,500 per annum, pursuant to the provisions of section 56 of the Greater New York Charter. In connection therewith we report as follows:

The additional employees requested are for the purpose of inspecting buildings now under construction, and their salaries, if employed, will be chargeable to schedule 860TC, Personal Service, Maintenance, Repairing, Tax Levy and Corporate Stock Force, Bureau of Buildings, Department of Education. In the 1914 budget this schedule carried a total allowance of $427,223.58, of which $134,704.33 represented tax levy allowance and the remaining $292,519.25 corporate stock allowance. Funds are available for the salaries of the additional Inspectors which it is proposed to employ, because of the fact that on March 6, 1914, the schedule was modified by eliminating twelve vacant positions of Draftsman and Inspector at higher rates, thereby creating an unassigned balance of $25,408.02 in the corporate stock portion of the account. The new positions which it is proposed to establish are at the minimum rate for work of this kind.

The following list of buildings now under construction, which was prepared for the purpose of this report, is designed to show the need of additions to the staff:

List of Buildings Under Construction as of May 12, 1914, Showing Present Assignment of Inspectors.

Borough of Manhattan—
- Public School 52, excavating; no Inspector.
- Public School 97, 65 per cent. complete; James Quinn, Inspector.
- Public School 102, 84 per cent. complete; F. R. Auspland, Inspector.
- Public School 115, 41 per cent. complete; J. I. Mulligan, Inspector.
- Public School 169, 33 per cent. complete; Samuel Lord, Inspector.

Borough of The Bronx—
- Public School 21, excavating; James Henderson, Inspector.
- Public School 51, 45 per cent. complete; M. J. Daly, Inspector.
- Public School 52, 95 per cent. complete; A. Loewy, Inspector.
- Public School 53, 97 per cent. complete; J. J. Treanor, Inspector.
- Public School 56, 12 per cent. complete; J. J. Treanor, Inspector.

Borough of Brooklyn—
- Public School 28, 91 per cent. complete; J. J. Gartland, Inspector.
- Public School 36, not started.
- Public School 48, 12 per cent. complete; C. J. Lynch, Inspector.
- Public School 50, excavating and shoring old building; C. A. Teed, Inspector.
- Public School 95, excavating; no Inspector.
- Public School 169, footings; no Inspector.
- Public School 170, 12 per cent. complete; J. W. Lenox, Inspector.
- Public School 176, 69 per cent. complete; J. N. Kenny, Inspector.
- Public School 178, excavating and footings; no Inspector.
- Public School 179, 8 per cent. complete; J. McPherson, Inspector.
- Athletic Field, 54 per cent. complete; J. H. Reschke, Inspector.
- B. R. H. S., 65 per cent. complete; B. F. Brindley, Jr., Inspector.

Borough of Queens—
- Public School 14, 51 per cent. complete; W. M. Kenny, Inspector.
- Public School 45, 38 per cent. complete; no Inspector.
- Public School 71, 72 per cent. complete; no Inspector.
- Public School 91, excavating and footings; John Kelly, Inspector.
- Public School 94, 65 per cent. complete; no Inspector.
- Public School 95, 21 per cent. complete; M. R. Ryan, Inspector.
- Public School 96, 10 per cent. complete; no Inspector.
- F. H. S., 34 per cent. complete; J. Sheridan, Inspector.

Borough of Richmond—
- Public School 20, excavating; J. S. McNally, Inspector.
- Public School 22, 95 per cent. complete; J. S. McNally, Inspector.
- C. A. F., 45 per cent. complete; David Duff, Inspector.
- Portable buildings omitted.

As appears, there are eight buildings or excavations for which no Inspectors are available. It is stated that one Inspector provided for in the schedule has been on sick leave since February 14, 1914.

As the need of additional Inspectors in the corporate stock force is apparently urgent and the rate at which it is proposed to employ them is the minimum one, we recommend that the request be granted by the adoption of the attached resolution. Respectfully,

WILLIAM A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, 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 Education of grade of position, in addition to those heretofore established, as follows:

Title of Position.	Rate Per Annum.	Number of Incumbents.
Inspector of Masonry and Carpentry	$1,500 00	6

Which was adopted by the following vote:

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

Department of Education—Compensation of Janitors (Cal. No. 29).

(On May 22, 1914 (Cal. No. 48-C, D. & F.) the resolutions of the Board of Education in this matter were referred to the Committee on Salaries and Grades.)

The Secretary presented three resolutions of the Board of Education, adopted May 13, 1914, requesting the fixing of compensation of Janitors of Public Schools 45, The Bronx, 30 Queens, and the fixing of compensation for Janitorial Services in four athletic fields; and the following report of the Committee on Salaries and Grades recommending approval thereof, except the request for the fixing of compensation for Janitorial Services in four athletic fields:

The City of New York, Department of Finance, Comptroller's Office, May 22, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 13, 1914, the Board of Education requested the establishment of rates of compensation for Janitors in Public Schools 45, The Bronx, and 30, Queens, and for janitorial service in four athletic fields, pursuant to the provisions of section 56 of the Greater New York Charter. In connection therewith we report as follows:

For Public School 45, Hoffman street and Lorillard place, The Bronx, it is proposed to increase the compensation of the Janitor from $4,200 to $4,344 per annum. This will increase his rent allowance $144 per annum, or to the maximum rate of $360 per annum, which increase is deemed necessary on account of the high rentals in the neighborhood.

In Public School 30, Queens, located at Whitestone, Charles H. Smith was formerly employed as a Cleaner at $900 per annum. On May 1, 1913, he accepted the position of janitor, with knowledge of steam heating, at $600 per annum, in order to change his title. Since he has served a year as Janitor, he is now eligible under the rules of the Municipal Civil Service Commission, and is entitled to compensation at the rate of $900 per annum, the full compensation of the building.

A request has been made for the assignment of four persons to duty at athletic fields at Public School 2, Manhattan; 44, The Bronx; Crotona, 89, Brooklyn, and Astoria, with compensation at the rate of $3 per session. In the estimate of the Board of Education for the year 1914, a request was included for 30 Sunday afternoon sessions in one athletic field in each borough, at $3 per session, which request was denied. No further reasons have been given for the establishment of these positions at this time, therefore we recommend that they be denied.

We recommend the adoption of the attached resolution granting the requests for Janitors in Public School 45, The Bronx, and Public School 30, Queens.

Respectfully, WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, Committee on Salaries and Grades.

The following resolution was offered:

Whereas, By opinions of the Corporation Counsel as of June 28 and July 30, 1910, the Comptroller was advised that the payment of salaries of janitors in the Department of Education was illegal unless such salary shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The Special Committee on Janitorial Compensation and the Committee on School Inquiry, Board of Estimate and Apportionment, submitted a joint report on March 27, 1913, which contained detailed suggestions and recommendations for the reorganization of the janitorial force of the Board of Education; therefore be it

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Charter, hereby recommends to the Board of Aldermen, pending action by the Board of Education on the aforesaid report, the compensation of janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the following list:

Janitor, Public School 45, The Bronx, per annum, less $360.....	$4,344 00
Janitor, Public School 30, Queens, per annum.....	900 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 *denies* the request of the Board of Education, as set forth in a resolution adopted by said Board May 13, 1914, for the assignment of four persons to duty at athletic fields at Public School 2, Manhattan; Public School 44, The Bronx; Public School 89, Brooklyn and at the Astoria Athletic Field, on Sunday afternoons beginning May 3, 1914, from 1 to 6 o'clock p. m., with compensation at the rate of three dollars ($3) per session.

Which was adopted by the following vote:

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

Surrogate, New York County—Modification of Schedule (Cal. No. 30).

The Secretary presented a communication from the Surrogates of New York County, dated May 11, 1914, requesting the modification of a schedule for 1914; and the following report of the Committee on Salaries and Grades, recommending approval thereof:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, May 19, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 11, 1914, the Surrogates of New York County requested modification of a salary schedule for the court, to include an increase in salary of the Assistant Guardian Clerk from $1,500 to $1,800 per annum. Under date of May 19, the Bureau of Standards reports thereon as follows:

"Chapter 775 of the Laws of 1911 provides, in part, as follows:

"'1. On and after the passage of this act, the board of aldermen and the board of estimate and apportionment of the city of New York shall cease to have or exercise any powers in regard to the appointment of surrogates of the county of New York, or in regard to the appointment, number and salaries of assistants to such surrogates, or of other clerks, employees or subordinates in or attached to the office of said surrogates, or in regard to the receipt or payment of fees in said office.

"'3. The surrogates may appoint and remove all clerks, officers, attendants and employees in their office, or connected with their court. The compensation of each person so appointed shall be fixed by the surrogates, and the same shall be a county charge, and the number and duties of all such clerks, officers, attendants and employees shall be such as the surrogates shall designate and approve.'

"The Surrogates state that, pursuant to the provisions of the statute cited, they increased the salary of an Assistant Guardian Clerk from $1,500 to $1,800 per annum on April 1, 1914. The funds to meet the increase will be provided by using an unassigned balance of $300, available through the reduction on February 25, 1914, of the salary of the position of First Assistant Administration Clerk from $2,400 to $2,100 per annum, made by the Surrogates under authority of chapter 775 of the Laws of 1911."

In view of the fact that chapter 775 of the Laws of 1911 authorizes the Surrogates to fix the compensation of all the employees of the court, we recommend the adoption of the attached resolution modifying the appropriate salary schedule to include the increase. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen; 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 Surrogates' Court, New York County, for the year 1914, to be effective April 1, 1914, as follows:

		Paid from Tax Levy Appropriation.	Paid from Special Revenue Bonds.	Total.
3206	Salaries Regular Employees—			
	Surrogate, 2 at $15,000.....	$30,000 00	.....	$30,000 00
	Chief Clerk	10,000 00	.....	10,000 00

	Paid from Tax Levy Appropriation.	Paid from Special Revenue Bonds.	Total.
Deputy Chief Clerk	5,500 00	.....	5,500 00
Assistant Deputy Chief Clerk	2,600 00	.....	2,600 00
First Law Assistant	6,000 00	.....	6,000 00
Second Law Assistant	5,500 00	.....	5,500 00
Third Law Assistant	4,500 00	.....	4,500 00
Fourth Law Assistant	4,000 00	.....	4,000 00
Clerk of Court	4,500 00	.....	4,500 00
Deputy Clerk of Court	2,750 00	.....	2,750 00
Clerk Additional Part of Court	3,000 00	.....	3,000 00
Clerk to Surrogate, 2 at $3,000	6,000 00	.....	6,000 00
Stenographer	3,250 00	.....	3,250 00
Stenographer	2,750 00	.....	2,750 00
Stenographer	1,800 00	.....	1,800 00
Assistant Stenographer	1,800 00	.....	1,800 00
Confidential Stenographer to Surrogates	1,500 00	.....	1,500 00
Stenographer to Surrogate	1,500 00	.....	1,500 00
Interpreter	1,800 00	.....	1,800 00
Superintendent of Supplies	2,250 00	$150 00	2,400 00
Probate Clerk	5,000 00	.....	5,000 00
First Assistant Probate Clerk	2,400 00	.....	2,400 00
Second Assistant Probate Clerk	2,100 00	.....	2,100 00
Third Assistant Probate Clerk	1,350 00	.....	1,350 00
Administration Clerk	3,000 00	.....	3,000 00
First Assistant Administration Clerk	2,100 00	.....	2,100 00
Second Assistant Administration Clerk	1,800 00	.....	1,800 00
Third Assistant Administration Clerk	1,500 00	.....	1,500 00
Guardian Clerk	2,100 00	.....	2,100 00
Assistant Guardian Clerk	1,800 00	.....	1,800 00
Guardian Accounting Clerk	2,000 00	.....	2,000 00
Assistant Guardian Accounting Clerk	1,000 00	.....	1,000 00
Accounting Clerk	3,000 00	.....	3,000 00
Assistant Accounting Clerk	2,000 00	.....	2,000 00
Certificate Clerk	1,500 00	.....	1,500 00
Subpoena Clerk	1,500 00	.....	1,500 00
Requisition Clerk	1,000 00	.....	1,000 00
Bookkeeper	1,800 00	.....	1,800 00
Special Searcher	1,500 00	.....	1,500 00
Correspondence Searcher	1,500 00	.....	1,500 00
Correspondence Searcher	1,400 00	.....	1,400 00
Clerk of Records	1,800 00	.....	1,800 00
Record Clerk, 5 at $1,500	7,500 00	.....	7,500 00
Superintendent Recording Clerks	2,000 00	.....	2,000 00
Chief Examiner	1,500 00	.....	1,500 00
Assistant Examiner	1,350 00	.....	1,350 00
Recording Clerk, 22 at $1,200	26,400 00	.....	26,400 00
Calendar Clerk and Superintendent of Copyists	1,500 00	.....	1,500 00
Copyists, 3 at $1,200	3,600 00	.....	3,600 00
Librarian and Chief Messenger	1,800 00	.....	1,800 00
Court Attendant, 6 at $1,800	10,800 00	.....	10,800 00
Messenger, 3 at $1,800	5,400 00	.....	5,400 00
Schedule total			$206,150 00
Tax levy allowance			$206,000 00
Special revenue bond allowance			150 00
Total allowance			$206,150 00

Which was adopted by the following vote:

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

Department of Parks, Borough of Brooklyn—Modification of Schedule (Cal. No. 31).

(On May 15, 1914 (Cal. No. 46), the report of the Comptroller in this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented a communication from the Commissioner of Parks, Borough of Queens, dated May 1, 1914, requesting the modification of a schedule for 1914; a report of the Comptroller recommending approval thereof; and the following report of the Committee on Salaries and Grades, recommending the modification of the schedule as requested:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, May 18, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 1, 1914, the Commissioner of Parks, Borough of Brooklyn, requested modification of a salary schedule in his Department for the year 1914. The request was referred to the Committee on Salaries and Grades on May 15, 1914. The Bureau of Standards reports thereon under date of May 18, 1914, as follows:

"In Personal Service, Salaries, Regular Employees, Administration, No. 1280, General, it is proposed to change the line Assistant Paymaster, at $1,650 per annum, to Clerk at the same rate. The Municipal Civil Service Commission has approved a change in the title of Oscar C. Whedon in order that it may conform to the work that he is performing. The request is made that Mr. Whedon may be carried on the payrolls and to meet the requirements of the Municipal Civil Service Commission. On March 20, 1914, the Board of Estimate and Apportionment adopted a resolution recommending the establishment of the position of Clerk at $1,650 per annum in the Department of Parks, Brooklyn. On April 14, 1914, the Board of Aldermen concurred in the resolution and established the position. No increase in compensation is involved."

In view of the foregoing facts we recommend that the request be approved by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, 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 Parks, Brooklyn, for the year 1914, as follows:

Personal Service, Salaries, Regular Employees, Administration.

1280	General—	
	Superintendent	$4,000 00
	Secretary to Commissioner	2,500 00
	Chief Clerk	2,250 00
	Clerk	1,650 00
	Bookkeeper	1,200 00
	Clerk, 3 at $1,350	4,050 00
	Clerk, 3 at $1,050	3,150 00
	Clerk, 2 at $900	1,800 00
	Clerk	480 00
	Stenographer	1,650 00
	Stenographer to Commissioner	1,050 00
	Telephone Operator	900 00
	Property Clerk	2,100 00
	Superintendent of Supplies and Repairs	1,950 00
	Storekeeper	1,200 00
	Auto Engineman	1,500 00
	Schedule total	$31,430 00

Which was adopted by the following vote:

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

Supreme Court, Kings County—Modification of Schedule (Cal. No. 32).

The Secretary presented a communication from the General Clerk, Supreme Court, Kings County, dated May 11, 1914, requesting the modification of a schedule for 1914, and the following report of the Committee on Salaries and Grades, recommending approval thereof:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, May 20, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 11, 1914, the General Clerk of the Supreme Court, Kings County, requested modification of a salary schedule to provide for the appointment of two Stenographers to the Court at annual salaries of $2,500 each. The Bureau of Standards reports thereon as follows:

"Section 161, subdivision 2, of the Judiciary Law, provides as follows:

"'2. The Justices of the Supreme Court, residing in the County of Kings, or a majority of them, may appoint and may at pleasure remove sixteen Stenographers.'

"Chapter 491 of the Laws of 1913, amending the Judiciary Law, provides, in part, as follows:

"'Section 316. 1. The Stenographers appointed pursuant to section one hundred and sixty-one of this chapter, by the Justices of the Supreme Court residing in the County of Kings, shall each receive an annual salary to be fixed by said Justices, and the expense thereof shall be raised with the annual tax levy as a county charge.'

"On April 24, 1914, the Board of Justices of the Supreme Court, residing in the County of Kings, adopted a resolution appointing Frank N. Applegate and Louis Granat Stenographers in the Court at annual salaries of $2,500 each, said appointments to be effective on June 1, 1914. The new appointees are to fill two vacancies caused by reason of the deaths of two Court Stenographers, Watt L. Ormsby and John B. Carey, whose salaries were $3,600 each."

In view of the foregoing report, we recommend the adoption of the attached resolution modifying the appropriate salary schedule to include the new positions.

Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, 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 Supreme Court, Second Department, for the year 1914, to be effective on June 1, 1914, as follows:

SUPREME COURT, SECOND DEPARTMENT.

Personal Service.

		Paid from Tax Levy Appropriation.	Paid from Special Revenue Bonds.	Total.
3465	Salaries, Regular Employees—			
	Justice, 15 at $7,500	$112,500 00	.....	$112,500 00
	General Clerk	5,000 00	.....	5,000 00
	Assistant General Clerk	3,500 00	.....	3,500 00
	Clerk	4,000 00	.....	4,000 00
	Clerk, 4 at $3,500	14,000 00	.....	14,000 00
	Clerk, 11 at $3,000	33,000 00	.....	33,000 00
	Clerk, 2 at $2,500	5,000 00	.....	5,000 00
	Assistant Clerk, 18 at $2,000	36,000 00	.....	36,000 00
	Clerk to Justice, 10 at $2,750	27,500 00	.....	27,500 00
	Stenographer, 11 at $3,600	38,500 00	$1,100 00	39,600 00
	Stenographer, 2 at $2,500	5,000 00	.....	5,000 00
	Confidential Attendant	3,000 00	.....	3,000 00
	Chief Attendant	3,000 00	.....	3,000 00
	Attendant, 13 at $2,000	26,000 00	.....	26,000 00
	Attendant, 16 at $1,800	28,800 00	.....	28,800 00
	Attendant, 16 at $1,500	15,000 00	9,000 00	24,000 00
	Interpreter, 4 at $2,500	10,000 00	.....	10,000 00
	Interpreter (Scandinavian)	1,500 00	.....	1,500 00
	Interpreter (Italian)	1,500 00	.....	1,500 00
	Typewriter Operator	1,500 00	.....	1,500 00
	Schedule total			$384,400 00
	Tax levy allowance			$374,300 00
	Rate of special revenue bond allowance			10,100 00
	Total allowance			$384,400 00

Which was adopted by the following vote:

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

Register, Bronx County—Modification of Schedule (Cal. No. 33).

(On May 1, 1914 (Cal. No. 144), the request of the Register, Bronx County, in this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented a communication from the Register, Bronx County, dated April 24, 1914, requesting an appropriation of $7,500 to provide for the salaries of Typewriting Copyists in his office to December 31, 1914; and the following report of the Committee on Salaries and Grades recommending the approval of schedule 3270½R for 1914:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, May 16, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On April 24, 1914, the Register of Bronx County requested $7,500 to meet the wages of the Typewriter Copyists in the office to December 31, 1914. The Bureau of Standards reports thereon as follows:

"On January 16, 1914, the Board of Estimate and Apportionment adopted a resolution providing a revenue bond schedule for the office of the Register of Bronx County to provide for Recording Clerks at 5 cents per folio to the extent of 100,000 folios. Special revenue bonds in the sum of $5,000 were thereupon issued by the Comptroller to pay the wages of the Recording Clerks. The request of the Register is for $7,500 to pay for 150,000 additional folios at 5 cents per folio. The Register states that from January 1 to April 20 the Copyists in the office recorded 76,062 folios and were paid $3,803.10 in salaries, leaving in the fund a balance of only $1,196.90. Based on the work done to April 20 it is estimated that 150,000 more folios than have been provided for will be recorded to and including December 31. The Register's office charges the public at the rate of 10 cents per folio for all instruments recorded in the office, but pays the Copyists at the rate of 5 cents per folio. Upon the adoption by the Board of Estimate and Apportionment of a wage schedule to include the requested amount of the additional folios, provision for special revenue bonds to pay the Recording Clerks' wages may be made by the Comptroller pursuant to the provisions of subdivision 7 of section 188 of the Greater New York Charter."

In view of the foregoing report we recommend the adoption of the attached resolution modifying the appropriate wage schedule to include 150,000 additional folios. Respectfully,

WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, 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 Register of Bronx County for the year 1914, as follows:

REGISTER, BRONX COUNTY.
Personal Service.

3270½F Wages Temporary Employees—
Recording Clerk at 5 cents per folio (250,000 folios)..... $12,500 00

Special revenue bond allowance $12,500 00

Which was adopted by the following vote:

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

Register of Bronx County—Establishment of Grades of Positions of Clerk and Bookbinder, and Modification of Schedule (Cal. No. 34).

(On March 6, 1914 (Cal. No. 54), the request of the Register of Bronx County in this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented a communication from the Register of Bronx County, dated March 2, 1914, requesting an appropriation to provide for a Clerk at $1,500 and a Bookbinder at $1,200, and the establishment of said positions; together with the following report of the Committee on Salaries and Grades recommending the establishment of the position of Bookbinder and the modification of schedule:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Standards, May 16, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On March 2, 1914, the Register of Bronx County requested the establishment for his office, pursuant to the provisions of chapter 548 of the Laws of 1912, as amended, of the positions of Clerk at $1,500 per annum, for one incumbent, and Bookbinder at $1,200 per annum, for one incumbent. The Bureau of Standards reports thereon as follows:

"The request of the Register is for a Clerk at $1,500, to be designated as Land Title Registration Clerk. The duties of the requested position are to be in connection with the registering in the office of land titles under the provisions of the law commonly known as the 'Torrens Law.' Since January 1 in the Bronx Register's office the initial papers in a single case were presented for filing and were returned as defective. The 'Torrens Law' was enacted on February 1, 1909, and since that date twenty-four applications for the registration of titles under it have been made in the Register's office in Kings County. One hundred and sixty-eight papers were filed in connection with these applications and seventeen certificates of title actually issued under the law. In the New York Register's office during the period the law has been in force ten certificates of registration of titles have been issued, of which five were afterwards withdrawn, leaving five now actually on file. A total of eighty-seven papers were filed in these cases.

"The Register further requests the establishment of the position of Bookbinder for the office at $1,200 per annum for one incumbent. Chapter 832 of the Laws of 1913 provides for the transfer of certain libers in the office of the New York Register's office which affect property located in Bronx County to the office of the Register of Bronx County. These libers are what are known as the Westchester records, dating from 1874, and the Annexed District records, which date from 1895. There are approximately 2,600 libers in all. The present condition of these books may be designated as fair. From information obtained in the New York Register's office it appears that a Bookbinder will be necessary in the Bronx County Register's office to rebind the books which require immediate attention and to keep others from deteriorating. The Register of Bronx County states that he is entering into a contract for the removal of the libers during this month. The rate of compensation for a Bookbinder is usually $1,200 per annum.

"If the positions are established by the Board of Estimate and Apportionment and a salary schedule adopted to include them, provision for the payment of the salaries may be made by the Comptroller, pursuant to the provision of subdivision 7 of section 188 of the Greater New York Charter."

In view of the fact that the work will probably not be sufficient to warrant the establishment of the Land Title Registration Clerk, we recommend the adoption of the attached resolutions granting the request only as to the position of Bookbinder at $1,200 per annum, for one incumbent, and modifying the appropriate salary schedule to include the position.

Respectfully, WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President, Board of Aldermen, Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of chapter 548 of the Laws of 1912, as amended by chapter 266 of the Laws of 1913, as amended by chapter 825 of the Laws of 1913, hereby fixes the position and salary in the office of the Register of Bronx County, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Bookbinder	$1,200 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 Register, Bronx County, for the year 1914, as follows:

REGISTER, BRONX COUNTY.

		Paid from Tax Levy Appropriation.	Paid from Special Revenue Bonds.	Total.
3270	Salaries Regular Employees—			
	Register of Deeds	$10,000 00	.....	$10,000 00
	Deputy Register	4,000 00	.....	4,000 00
	Assistant Deputy Register	3,000 00	.....	3,000 00
	Chief Clerk	2,500 00	.....	2,500 00
	Cashier	2,500 00	.....	2,500 00
	Examiner	2,000 00	.....	2,000 00
	Secretary	2,000 00	.....	2,000 00
	Satisfaction Clerk	.....	$2,000 00	2,000 00
	Chief Index Clerk	.....	2,000 00	2,000 00
	Chief Record Clerk	.....	1,800 00	1,800 00
	Verification Clerk	.....	1,500 00	1,500 00
	Stenographer	.....	1,200 00	1,200 00
	Bookkeeper	.....	1,200 00	1,200 00
	Clerk, 4 at $1,500	.....	6,000 00	6,000 00
	Clerk, 18 at $1,200	.....	21,600 00	21,600 00
	Bookbinder	.....	1,200 00	1,200 00
	Telephone Operator	.....	600 00	600 00
	Custodian	.....	1,350 00	1,350 00
	Custodian, 3 at $1,200	.....	3,600 00	3,600 00
	Laborer, 3 at $720	.....	2,160 00	2,160 00
	Schedule total			$72,210 00
	Tax levy allowance			$26,000 00
	Rate of special revenue bond allowance.....			46,210 00
	Total.....			$72,210 00

Which was adopted by the following vote:

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

Committee on Social Welfare.

Board of Estimate and Apportionment—Committee on Social Welfare; Public Recreation Commission; Department of Docks and Ferries; Department of Parks of the Several Boroughs—Recreational Activities of the City (Cal. No. 35).

The Secretary presented a report of the Committee on Social Welfare on the general subject of recreation.

The report states that as a result of a number of conferences held to discuss the general subject of recreational activities of the City, at which there were present, in addition to the representatives of the Social Welfare Committee, the Chamberlain, the Commissioners of Parks, Boroughs of Manhattan and Richmond, Borough of Brooklyn and the Borough of The Bronx, respectively; Mrs. V. Simkhovitch and Mr. Gustavus T. Kirby, representing the Public Recreation Commission, and representatives of several private organizations interested in recreational work, it was unanimously agreed that the interest of the City will best be served by the appointment of a sub-committee of the Social Welfare Committee, to be known as the Committee on Recreation. That although there was some difference among the conferees as to what constituted the ideal plans in reference to the several questions discussed in the report, as to the recreational work, etc., there was unanimous agreement as to the practical solution for the time being, and in accordance with the conclusions reached, the Committee makes the following recommendations:

1. That the Committee on Social Welfare be authorized to form a sub-committee on recreation, to be composed of not more than 12 members, and of which the Public Recreation Commission shall be a part.

2. That in consideration of the fact that the Public Recreation Commission will turn back into the general treasury the balance of its appropriation for the year 1914, the Board of Estimate and Apportionment appropriate from its Contingent Fund a sum sufficient to pay, through the Committee on Social Welfare, the expenses of the Committee on Recreation, including the salary of a Secretary, not to exceed $4,000 per annum.

3. That the Board approve of the transfer of the use of recreation piers and music now under the Department of Docks and Ferries, to the Department of Parks, in the respective boroughs; and

4. That the Park Commissioners be requested to determine on a plan for recreational work and its supervision at the earliest possible date.

(On June 5, 1913 (Cal. No. 55), a communication was presented from the Mayor notifying the Board of the appointment, in pursuance of resolution adopted May 29, 1913, of a Committee on the Administration of Public Recreation in The City of New York, consisting of the President of the Board of Aldermen, the Comptroller and the President of the Borough of Queens.)

(On January 30, 1914 (Cal. No. 80), this matter was reassigned to the Committee on Social Welfare.)

Which was laid over for one week (June 5, 1914), at the request of the Mayor.

Brooklyn Disciplinary Training School for Boys—Discontinuance of (Cal. No. 36).

On February 20, 1914 (Cal. No. 88) the report of the Committee on Social Welfare in this matter was presented to the Board and approved; the matter of the future treatment of the institution was referred to the said committee.

The Secretary presented the following report of the Committee on Social Welfare:

City of New York, Office of the President of the Board of Aldermen, City Hall, May 22, 1914.

To the Honorable Board of Estimate and Apportionment:

Sirs—At a meeting of your Board held on February 20, 1914, your Committee on Social Welfare reported in regard to the Brooklyn Disciplinary Training School, recommending that the occupancy be reduced and certain structural changes be made to obviate the imminent fire hazard; and, at the same time, that the general subject of the future of the school be referred back to your committee for report.

Your committee has gone into the details of this matter at some length. Its representatives have consulted with some of the directors of the Training School, with some of the Judges of the Children's Court, and with representatives of denominational institutions, with a view to obtaining as much light on the subject as was possible. Under date of April 18, there was received a report from the Board of Managers of the Brooklyn Disciplinary Training School, which is attached hereto, recommending the abolition of the Brooklyn Disciplinary Training School upon the establishment, in its place, of a juvenile institute which would serve as a detention home and clearing house for juvenile offenders.

There is no difference of opinion as to the unsuitability of the present plant for the work which it is doing. The location, type of building, the fire hazard, and the general facilities are improper, and the only reason for its continuance that is urged on the part of any of those interested is the fact that it is the only institution which makes provision for short-term commitments. The denominational institutions, as well as the House of Refuge, take the position that the young offender, whose case is sufficiently serious to demand commitment, needs education; and that such education cannot be given in a short period; that in a large majority of cases a term of one and a half to two years is required to work any permanent improvement. For that reason these institutions are loath to accept commitments for less than one and a half years; and the Judges have only the Brooklyn Disciplinary Training School to which to commit delinquents who, in their opinion, ought not to be sent home, but whose cases are not sufficiently serious to demand a commitment of a year and a half or more. It has been ascertained, however, that the denominational institutions do take a certain percentage of short-term cases, and it is believed that if the Brooklyn Disciplinary Training School were not in existence they could be prevailed upon to make some more elastic arrangement by which exceptional cases would be handled for short terms.

The establishment of a detention home and clearing house for juvenile offenders, who could there be observed and then sentenced in accordance with the findings of experts who have studied their cases more closely, seems a desirable expedient, but one that should be considered with an eye to the entire question of juvenile delinquency, and in relation to the entire expenditure of the City for its reformatory work.

Under these circumstances, your Committee recommends that the Brooklyn Disciplinary Training School be abolished not later than September 1st; that the Judges of the Children's Court be informed that no further commitments will be accepted; and that the necessary means be taken, either by distribution among the denominational institutions, or by parolling the inmates, to close the school on September 1st.

The Committee wishes to make plain that its recommendations are not to be construed as a criticism of the Board of Managers of the Training School, who have devoted much time and energy to its work. All the testimony which has appeared in connection with this investigation has indicated that the quality of the work done by the Brooklyn Disciplinary Training School has been extremely good in consideration of the limited facilities at its command. Respectfully submitted,

GEORGE McANENY, President, Board of Aldermen, Chairman; JOHN PURROY MITCHEL, Mayor; DOUGLAS MATHEWSON, President, Borough of The Bronx, Committee on Social Welfare.

Which report was adopted by the following vote:

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

Mr. Louis H. Pink, President of the Board of Managers of the Brooklyn Disciplinary Training School for Boys, appeared and made two suggestions (1) that the City maintain an institution—a Juvenile Clearing House for Boys, who are not bad enough to be sent away for two years nor good enough to be sent back to their homes—to take the place of the Brooklyn Disciplinary Training School, and (2) that the City keep the present property of the Brooklyn Disciplinary Training School and use it for the purposes of the new institution, or that the property be sold and the proceeds of the sale be applied to the new institution.

Which suggestions were referred to the Committee on Social Welfare for report at the earliest moment.

From Department of Finance.

Department of Education—Allotment of Proceeds of Sale of Products of Manhattan Trade School for Girls, and Modification of Schedule (Cal. No. 37).

(On May 22, 1914 (Cal. No. 41), the resolution of the Board of Education in this matter was referred to the Comptroller.)

The Secretary presented a resolution of the Board of Education, adopted May 13, 1914, requesting the allotment of $2,058.19, the proceeds of the sale of products of the Manhattan Trade School for Girls to the Special Trade School Fund; and the following report of the Comptroller, Chairman of the Committee on Education, recommending approval thereof and the modification of a schedule therefor:

City of New York, Department of Finance, Comptroller's Office, May 18, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 13, 1914, the Board of Education requested the appropriation of $2,058.19, realized from the sale of products of the Manhattan Trade School for Girls and paid into the City Treasury to the Special Trade School Fund, pursuant to the provisions of section 1066 of the Greater New York Charter, as amended by chapter 35 of the Laws of 1913. The statute provides that all moneys realized from the sale of products of trade and truant schools shall at once be appropriated to the said fund for use in the Borough in which the property was sold.

I recommend the adoption of the attached resolutions granting the request and approving the schedule. Respectfully,

WM. A. PRENDERGAST, Comptroller, Chairman, Committee on Education.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 1066 of the Greater New York Charter, as amended, hereby appropriates two thousand and fifty-eight dollars and nineteen cents ($2,058.19), representing the proceeds of the sale of products of the Manhattan Trade School for Girls, to the Special Trade School Fund of the Borough of Manhattan, and transfers said moneys thereto from the suspense account entitled "Sales of Property by Department of Education."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 the schedule, as modified, for the Department of Education as follows:

SPECIAL TRADE SCHOOL FUND.

Borough of Manhattan	$18,305 02

Which was adopted by the following vote:

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

Department of Education—Modification of Schedules (Cal. No. 38).

The Secretary presented four communications from the Board of Education, dated May 8, 11, 14 and 15, 1914, respectively, requesting the modification of schedules for 1914; and the following report of the Comptroller, Chairman of the Committee on Education, recommending approval thereof:

City of New York, Department of Finance, Comptroller's Office, May 20, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 8, 11, 14 and 15, 1914, the Board of Education requested modification of salary schedules 851, Executive; 854, General Supervision; 856, Purchase and Storage of Supplies, and 857, Supervision of Building Construction and Alteration, for the year 1914. In connection therewith I report as follows:

In No. 851, Executive, it is proposed to change the lines:

"Clerk, 1 at $1,200	$1,200 00
Clerk, 1 at $900	900 00
Stenographer and Typewriter, 3 at $600	1,800 00
Librarian, 1 at $1,200	1,200 00
Balance unassigned	670 00"

--to read:

Clerk, 2 at $900	$1,800 00
Clerk, 1 at $600	600 00
Stenographer and Typewriter, 4 at $600	2,400 00
Balance unassigned	970 00

The lines Clerk, 1 at $1,200, and Librarian, 1 at $1,200, are eliminated, the positions being vacant and $2,100 of the money thus released is applied to create new positions, as follows:

Clerk, 1 at $900 (to take effect May 16, 1914)	$900 00
Clerk, 1 at $600 (to take effect May 4, 1914)	600 00
Stenographer and Typewriter, 1 at $600 (to take effect May 4, 1914)	600 00
Total	$2,100 00

The other $300 is transferred to balance unassigned. The position of Clerk at $900 is to be filled by Mr. Harry A. Shannon, an employee to be transferred from the Department of Water Supply, Gas and Electricity, at the same salary; the position of Clerk at $600 is left vacant; and the position of Stenographer and Typewriter at $600 will provide for the salary of an original appointment made from a Civil Service list. In connection with the new position of Clerk at $600 which, it is stated, will be left vacant, I recommend that instead of creating the position the money be credited to balance unassigned until such time as it may be required to provide for an appointment.

In No. 854, General Supervision, it is proposed to change the lines:

"Stenographer and Typewriter, 2 at $1,200	$2,400 00
Stenographer and Typewriter, 3 at $900	2,700 00
Balance unassigned	150 00"

--to read:

Stenographer and Typewriter, 1 at $1,200	$1,200 00
Stenographer and Typewriter, 4 at $900	3,600 00
Balance unassigned	450 00

The vacant position of Stenographer and Typewriter at $1,200 is eliminated and a new position of Stenographer and Typewriter at $900 is created to be filled by an original appointment from a Civil Service list. The other $300 accrues to balance unassigned.

In No. 856, Purchase and Storage of Supplies, it is proposed to change the lines:

"Stenographer and Typewriter, 4 at $600	$2,400 00
Typewriting Copyist, 1 at $600	600 00"

--to read:

Stenographer and Typewirter, 5 at $600	$3,000 00

This will provide for the transfer of Miss Gertrude A. Hayes from the position of Typewriting Copyist at $600 to that of Stenographer and Typewriter at $600, no increase in salary being involved.

In No. 857, Supervision of Building Construction and Alteration, it is proposed to change the lines:

"Clerk, 1 at $480	$480 00
Clerk, 5 at $300	1,500 00
Balance unassigned	400 00"

--to read:

Clerk, 6 at $300	$1,800 00
Balance unassigned	580 00

The vacant position of Clerk at $480 is eliminated and $300 of the money thus released is applied to create the position of Clerk at $300, which has been filled by an original appointment from a Civil Service list. The other $180 accrues to balance unassigned.

In detail, the line item changes as recommended are as follows:

Code No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
851	Clerk, 1 at $1,200 (to take effect May 4, 1914)	$1,200 00	.....	$790 32	.....
	Clerk, 1 at $900 (to take effect May 16, 1914)	.....	$900 00	.....	$563 71
	Stenographer and Typewriter, 3 at $600 (to take effect May 4, 1914)	.....	600 00	.....	395 16
	Librarian, 1 at $1,200 (to take effect May 16, 1914)	1,200 00	.....	751 61	.....
	Unassigned balance	.....	900 00	.....	583 06
854	Stenographer and Typewriter, 2 at $1,200 (to take effect May 16, 1914)	1,200 00	.....	751 61	.....
	Stenographer and Typewriter, 3 at $900 (to take effect May 16, 1914)	.....	900 00	.....	563 71
	Unassigned balance	.....	300 00	.....	187 90
856	Stenographer and Typewriter, 4 at $600 (to take effect May 16, 1914)	.....	600 00	.....	375 81
	Typewriting Copyist, 1 at $600 (to take effect May 16, 1914)	600 00	.....	375 81	.....
857	Clerk, 1 at $480 (to take effect May 15, 1914)	480 00	.....	301 93	.....
	Clerk, 5 at $300 (to take effect May 15, 1914)	.....	300 00	.....	188 70
	Unassigned balance	.....	180 00	.....	113 23
		$4,680 00	$4,680 00	$2,971 28	$2,971 28

I recommend the adoption of the attached resolution granting the several requests with the exception noted in the report. Respectfully,

WM. A. PRENDERGAST, Comptroller, Chairman, Committee on Education.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedules, as modified, for the Department of Education for the year 1914, to take effect as of the dates indicated in the lines involved, as follows:

SPECIAL SCHOOL FUND.

Personal Service, Salaries Regular Employees, Administration.

851	Executive—	
	Secretary	$5,500 00
	Assistant Secretary	4,000 00
	Chief Clerk	3,000 00
	Clerk	2,250 00
	Clerk, 2 at $2,100	4,200 00
	Clerk	1,950 00
	Clerk	1,500 00
	Clerk	1,350 00
	Clerk	1,050 00
	Clerk, 2 at $900 (to take effect May 16, 1914.)	1,800 00
	Clerk, 2 at $540	1,080 00
	Clerk	480 00
	Clerk, 2 at $300 (to take effect February 9, 1914.)	600 00
	Stenographer and Typewriter	2,750 00
	Stenographer and Typewriter, 4 at $1,500	6,000 00
	Stenographer and Typewriter	1,050 00
	Stenographer and Typewriter, 2 at $600 (to take effect February 2, 1914.)	1,200 00
	Stenographer and Typewriter (to take effect March 18, 1914.)	600 00
	Stenographer and Typewriter (to take effect May 4, 1914.)	600 00
	Typewriting Copyist	1,200 00
	Switchboard Operator	750 00
	Switchboard Operator, 2 at $600	1,200 00
	Messenger	1,200 00
	Balance unassigned	1,570 00
	Schedule total	$46,880 00
854	General Supervision—	
	Clerk, 2 at $4,000	$8,000 00
	Statistician	4,000 00
	Clerk	3,500 00
	Clerk	1,950 00
	Clerk, 3 at $1,650	4,950 00
	Clerk, 6 at $1,500	9,000 00
	Clerk, 4 at $1,350	5,400 00
	Clerk, 6 at $1,200	7,200 00
	Clerk, 5 at $1,050	5,250 00
	Clerk, 5 at $900	4,500 00
	Clerk	750 00
	Clerk	600 00
	Clerk	540 00
	Clerk, 3 at $420	1,260 00
	Clerk, 3 at $300	900 00
	Statistician	1,950 00
	Clerk, with knowledge of statistics	1,200 00
	Stenographer and Typewriter	1,650 00
	Stenographer and Typewriter, 8 at $1,500	12,000 00
	Stenographer and Typewriter, 3 at $1,350	4,050 00
	Stenographer and Typewriter, 1 at $1,200 (to take effect May 16, 1914)	1,200 00
	Stenographer and Typewriter, 2 at $1,050	2,100 00
	Stenographer and Typewriter, 4 at $900 (to take effect May 16, 1914)	3,600 00
	Stenographer and Typewriter, 2 at $750	1,500 00
	Stenographer and Typewriter, 1 at $600 (to take effect February 11, 1914)	600 00
	Stenographer and Typewriter, 1 at $1,050 (to take effect January 1 to February 11, 1914)	1,050 00
	Stenographer and Typewriter, 1 at $900 (to take effect from February 11, 1914)	900 00
	Typewriting Copyist, 3 at $1,350	4,050 00
	Typewriting Copyist, 1 at $750 (to take effect February 18, 1914)	750 00
	Typewriting Copyist	750 00
	Typewriting Copyist	600 00
	Printer for the Blind	900 00
	Balance Unassigned	450 00
	Schedule Total	$97,100 00
856	Purchase and Storage of Supplies—	
	Superintendent	$7,500 00
	Deputy Superintendent	3,600 00
	Deputy Superintendent	2,200 00
	Clerk	2,500 00
	Clerk	2,100 00
	Clerk	2,000 00
	Clerk	1,800 00
	Clerk	1,650 00
	Clerk, 14 at $1,500	21,000 00
	Clerk, 2 at $1,350	2,700 00
	Clerk, 3 at $1,200	3,600 00
	Clerk	1,150 00
	Clerk, 3 at $1,050	3,150 00
	Clerk, 5 at $900	4,500 00
	Clerk, 4 at $750	3,000 00
	Clerk, 5 at $600	3,000 00
	Clerk, 9 at $540	4,860 00

	Clerk, 11 at $420	4,620 00
	Clerk, 16 at $300 (to take effect March 30)	4,800 00
	Bookkeeper	1,650 00
	Fuel Engineer	1,650 00
	Fuel Inspector	1,800 00
	Fuel Inspector, 2 at $1,500	3,000 00
	Fuel Inspector, 4 at $1,350	5,400 00
	Fuel Inspector	1,300 00
	Fuel Inspector, 4 at $1,150	4,600 00
	Stenographer and Typewriter	1,650 00
	Stenographer and Typewriter	1,500 00
	Stenographer and Typewriter, 4 at $1,050	4,200 00
	Stenographer and Typewriter	900 00
	Stenographer and Typewriter, 5 at $600 (to take effect May 16, 1914)	3,000 00
	Typewriting Copyist	1,050 00
	Chemist	1,200 00
	Orderly	1,500 00
	Orderly	750 00
	Toolman, 2 at $1,050	2,100 00
	Laborer	1,050 00
	Laborer, 7 at $900	6,300 00
	Laborer	750 00
	Laborer, 12 at $600	7,200 00
	Cleaner, 11 at $900	9,900 00
	Cleaner, 9 at $750	6,750 00
	Cleaner, 12 at $600	7,200 00
	Seamstress	900 00
	Gymnasium Attendant	1,500 00
	Auto Truck Engineman and Mechanic	1,200 00
	Auto Truck Driver, 3 at $1,050	3,150 00
	Auto Truck Helper (Cleaner), 2 at $600	1,200 00
	Clerk, Bookkeeper or Statistician	1,500 00
	Balance Unassigned	4,290 00
	Schedule Total	$169,870 00
857	Supervision of Building Construction and Alteration—	
	Superintendent of School Buildings	$10,000 00
	Deputy Superintendent of School Buildings, 3 at $4,500	13,500 00
	Deputy Superintendent of School Buildings	3,500 00
	Deputy Superintendent of School Buildings	3,000 00
	Sanitary Assistant	3,500 00
	Chief of Heating and Ventilating Division	4,000 00
	Chief of Electrical Division	3,000 00
	Clerk	4,000 00
	Clerk	2,400 00
	Clerk	1,350 00
	Clerk	1,500 00
	Clerk, 2 at $1,350	2,700 00
	Clerk	1,200 00
	Clerk	900 00
	Clerk	600 00
	Clerk, 4 at $540	2,160 00
	Clerk, 6 at $300	1,800 00
	Stenographer and Typewriter	1,650 00
	Stenographer and Typewriter	1,500 00
	Stenographer and Typewriter, 5 at $1,350	6,750 00
	Stenographer and Typewriter	1,050 00
	Stenographer and Typewriter, 3 at $900	2,700 00
	Stenographer and Typewriter, 2 at $750	1,500 00
	Stenographer and Typewriter, 2 at $600	1,200 00
	Typewriting Copyist	1,500 00
	Typewriting Copyist	900 00
	Typewriting Copyist	750 00
	Typewriting Copyist	600 00
	Telephone Switchboard Operator	600 00
	Messenger	900 00
	Balance unassigned	580 00
	Schedule total	$81,290 00

Which was adopted by the following vote:

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

Depa-tment of Education—Transfer of Appropriation and Modification of Schedules (Cal. No. 39).

The Secretary presented resolutions of the Board of Education adopted May 13, 1914, requesting transfers within the appropriations for said department for 1913; and the following report of the Comptroller, Chairman of the Committee on Education, recommending approval thereof and the modification of schedules:

City of New York, Department of Finance, Comptroller's Office, May 21, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 13, 1914, the Board of Education requested the transfer of $700 and of $1,754.86 within the Special School Fund appropriation for the Department for the year 1913. In connection therewith I report as follows:

The proposed transfer of $700 is from Supplies, Educational and Recreational Supplies, Code 3478, Borough of Queens, to Purchase of Equipment, Educational and Recreational Equipment, Code 3494, Borough of Queens. It is merely a readjustment within the allowances for supplies and equipment.

The proposed transfer of $1,754.86 is from Purchase of Equipment, Equipment of Kindergartens, Kitchens and Workshops, Code 3503, Borough of The Bronx, to Contract or Open Order Service, Purchase of Water, Code 3571, Borough of Queens, in order to meet existing liabilities in the sum requested.

There is a sufficient balance in Codes 3478 and 3503 to meet the transfers.

I recommend the adoption of the attached resolutions granting the requests.

Respectfully, WM. A. PRENDERGAST, Comptroller, Chairman, Committee on Education.

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 the transfer of funds appropriated to the Department of Education for the year 1913, as follows:

FROM

Supplies, Educational and Recreational Supplies.

3478	Borough of Queens	$700 00
	Purchase of Equipment, Equipment of Kindergartens, Kitchens and Workshops.	
3503	Borough of The Bronx	1,754 86
		$2,454 86

TO

Purchase of Equipment, Educational and Recreational Equipment.

3494	Borough of Queens	$700 00
	Contract or Open Order Service, Purchase of Water.	
3571	Borough of Queens	1,754 86
		$2,454 86

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 the schedules, as revised, for the Department of Education, for the year 1913, as follows:

Supplies, Educational and Recreational Supplies.

3478	Borough of Queens	$100,382 66
	Purchase of Equipment, Educational and Recreational Equipment.	
3494	Borough of Queens	6,797 49
	Purchase of Equipment, Equipment of Kindergartens, Kitchens and Workshops.	
3503	Borough of The Bronx	5,025 14
	Contract or Open Order Service, Purchase of Water.	
3571	Borough of Queens	8,419 64

Which was adopted by the following vote:

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

Department of Education; Advertising; Board of Aldermen and City Clerk—Transfer of Appropriation and Modification of Schedules (Cal. No. 40).

The Secretary presented a communication from the President, Board of Aldermen, dated May 13, 1914, requesting a transfer within the appropriation for his office for 1914; and the following report of the Comptroller recommending approval thereof, and modification of schedules:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 21, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 13, 1914, the President of the Board of Aldermen requested transfer of $500 within appropriations for the year 1914. In connection therewith I report as follows:

The proposed transfer is to replenish Supplies, Office Supplies, Account No. 6, President of the Board of Aldermen. The sum of $515 was appropriated to this account in the Budget for 1914. President McAneny states: "I find that the provision made in the 1914 Budget for office supplies in my Department is inadequate. This fund is used for the purchase of postage stamps and payment of bills for miscellaneous office supplies." Extraordinary expenses, mainly due to the distribution by mail of the report of the Market Commission, and other disbursements have almost entirely exhausted the fund, the books of the Department of Finance, on May 19, showing a balance of but $37.61.

It is intended to make the transfer from the account entitled "Advertising, Fixed Charges and Contributions, Account No. 3005, Advertising not otherwise provided for, including arrearages," there being more than sufficient balance in this fund to admit of the same.

Resolutions for adoption are transmitted herewith.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated for the year 1914, as follows:

FROM

ADVERTISING.

Fixed Charges and Contributions.

3005	Advertising not otherwise provided for, including arrearages	$500 00

TO

BOARD OF ALDERMEN AND CITY CLERK.

Supplies, Office Supplies.

6	President, Board of Aldermen	$500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 Advertising, Fixed Charges and Contributions and Board of Aldermen and City Clerk, for the year 1914, as follows:

ADVERTISING.

Fixed Charges and Contributions.

3005	Advertising, not otherwise provided for, including arrearages	$52,397 50

BOARD OF ALDERMEN AND CITY CLERK.

Supplies, Office Supplies.

6	President, Board of Aldermen	$1,015 00

Which was adopted by the following vote:

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

Commissioner of Jurors, Bronx County—Transfer of Appropriation and Modification of Schedules (Cal. No. 41A).

The Secretary presented a communication from the Commissioner of Jurors, Bronx County, dated May 4, 1914, requesting a transfer within the appropriation for said office for 1914; and the following report of the Comptroller recommending approval thereof and modification of schedules:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 22, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—In a communication dated May 4, 1914, the Commissioner of Jurors, Bronx County, requested transfer of $100 within the appropriations to his office for the year 1914. In connection therewith it is reported as follows:

It is proposed to transfer:

FROM

3281	Supplies	$100 00

TO

3282	Purchase of Equipment	$100 00

The Commissioner states that a balance of 25 cents only remains in "Equipment Account No. 3282" and that a transfer of $100 from Account No. 3281 is necessary in order that sufficient funds may be available for purchasing additional equipment which is required in that office. Sufficient balances remain in Account No. 3281 to admit of the proposed transfer.

The adoption of the attached resolution approving the proposed transfer and schedules as revised is hereby recommended accordingly.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to Commissioner of Jurors office, Bronx County, for the year 1914, as follows:

COMMISSIONER OF JURORS, BRONX COUNTY.

FROM

3281	Supplies	$100 00

TO

3282	Purchase of Equipment	$100 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 schedules, as revised, for the Commissioner of Jurors office, Bronx County, for the year 1914, as follows:

COMMISSIONER OF JURORS, BRONX COUNTY.

3281	Supplies	$1,656 00
3282	Purchase of Equipment	250 00

Which was adopted by the following vote:

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

Department of Public Charities; Advertising—Transfer of Appropriation and Modification of Schedules (Cal. No. 41B).

The Secretary presented the following report of the Comptroller:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, May 19, 1914.

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

Gentlemen—On April 17, 1914, the Board of Estimate and Apportionment approved a resolution based upon a recommendation contained in a report from the Comptroller dated April 16, 1914, transferring the sum of $25,602.50 from "Advertising, Fxed Charges and Contributions, No. 3005" to "Department of Public Charities, Contingencies, No. 2031," in order to provide the necessary help required to operate a new wing to be opened in the East Tuberculosis Infirmary of the Metropolitan Hospital, Blackwells Island, and also two new pavilions, and the Surgical Pavilion at Sea View Hospital, Staten Island.

Since the resolution referred to was passed by the Board of Estimate and Apportionment, a statement has been addressed to the Comptroller to the effect that the 1914 Budget made ample provision for the additional help requested for Sea View Hospital, and that the aforesaid transfer was wholly unnecessary.

In view of the foregoing assertion, further investigation has recently been made by the Bureau of Municipal Investigation and Statistics, from which it appears that although the transfer of funds referred to was proved in the main to be necessary, a considerable proportion of the sum approved will not be required during the present year, and in this conclusion Mr. Henry C. Wright, First Deputy Commissioner of the Department of Public Charities, has concurred. It is therefore recommended that the schedule as originally adopted be modified by striking out the following:

	Amount for Seven Months.	Amount Per Annum.
Interne (resident), at $480 per annum (7 months)	$280 00	$480 00
Trained Nurse, at $600 per annum (21 months)	1,050 00	1,800 00
X-ray Operator, at $900 per annum (7 months)	525 00	900 00
Hospital Helpers, at $480 per annum (28 months)	1,120 00	1,920 00
Hospital Helpers, at $360 per annum (14 months)	420 00	720 00
Hospital Helpers, at $240 per annum (73½ months)	1,470 00	2,520 00
Reduction for seven months	$4,865 00	.....
Reduction for one year	.....	$8.340 00

On February 20, 1914, the sum of $7,300 was transferred from the Department of Public Charities to the Mayor's office, on the understanding that it was to be reimbursed at an early date. The appropriation was originally made to provide for an Auditor expert and four Bookkeepers for Budget accounting work in the Department of Public Charities. This work is very necessary and important, and it is desirable that the funds thus transferred be reimbursed at the earliest opportunity.

Owing to the inhibition contained in the resolutions of the Board of Estimate and Apportionment, attached to the 1914 Budget, which does not permit a transfer to be made from a contingency account to a salary account, it is recommended that the Department of Public Charities, Contingencies account schedule be modified by inserting therein the following lines:

Auditor Expert, at $2,500 per annum (7 months)	$1,458 33
Bookkeeper, at $1.200 per annum (28 months)	2,800 00

By this means the salaries for the present year can be paid from the schedule as adjusted on the basis that the two amounts referred to are equivalent to $7,300 per annum. The saving thus effected represents a balance of $1,040 per annum, or an equivalent of $606.67 for the remaining seven months of 1914, which sum it is recommended be transferred back to the advertising account from which the sum of $25,602.50 was originally transferred.

The adoption of the attached resolutions approving the proposed transfer and modifying the schedules as revised is recommended accordingly.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves the transfer of funds appropriated for the year 1914, as follows:

FROM

DEPARTMENT OF PUBLIC CHARITIES.

Contingencies.

2031	Institutional Care for Dependents	$606 67

TO

ADVERTISING.

Fixed Charges and Contributions.

3005	Advertising not otherwise provided for, including arrearages	$606 67

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 year 1914, to take effect June 1, 1914, as follows:

DEPARTMENT OF PUBLIC CHARITIES.

Contingencies.

2031	Institutional Care for Dependents	$100 00
	Salary Schedule, Sea View Hospital—	
	Supervising Nurse, at $750 (7 months)	437 50
	Trained Nurse, at $600 (28 months)	1,400 00
	Resident Physician, at $1,200 (7 months)	700 00
	Interne (resident), at $480 (28 months)	1,120 00
	Hospital Helpers	11,830 00
	Salary Schedule, East Tuberculosis Building—	
	Hospital Helpers	5,250 00
	Salary Schedule, Budget Accounting Work—	
	Auditor Expert, at $2,500 (7 months)	1,458 33
	Bookkeeper, at $1,200 (28 months)	2,800 00
		$25,095 83

ADVERTISING.

Fixed Charges and Contributions.

3005	Advertising not otherwise provided for, including arrearages	$73,504 17

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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—Transfer of Appropriation and Modification of Schedules (Cal. No. 42A).

The Secretary presented a communication from the Department of Street Cleaning, dated May 19, 1914, requesting a transfer within the appropriation for said department for 1914 and modification of schedules; and the following report of the Comptroller, recommending approval thereof:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—In a communication dated May 19, 1914, the Department of Street Cleaning requested transfer of $7,170.03 within appropriations to that Department for the year 1914.

It is proposed to transfer:

FROM

Purchase of Equipment.

2374	Live Stock	$7,092 86
	Contract or Open Order Service, Transportation, Hire of Horses and Vehicles without Drivers.	
2397	Carting and Stables	77 17
		$7,170 03

TO

Purchase of Equipment.

2373	Office Equipment	$1,018 77
	Purchase and Equipment, Motor Vehicles and Equipment.	
2378	Brooklyn	975 00
	Materials.	
2382	Building Materials	3,519 77
	Contract or Open Order Service, General Repairs.	
2385	General Administration	58 05
	Contract or Open Order Service, General Repairs, Maintenance of Buildings and Equipment.	
2387	Brooklyn	428 27
	Contract or Open Order Service, Light, Heat and Power, Maintenance of Buildings and Equipment.	
2393	Manhattan	1,093 00
	Contract or Open Order Service, Transportation, Hire of Horses and Vehicles with Drivers, Carting and Stables.	
2395	Manhattan	77 17
		$7,170 03

The proposed transfers are necessary to provide additional appropriation balances to meet the cost of certain office equipment, under Vehicle Equipment, Building Materials, General Repairs, Expenses, etc., for which the present balances in the amounts referred to are insufficient.

A sufficient balance of funds remains in accounts Nos. 2374 and 2397 to admit of the proposed transfer. The adoption of the attached resolutions approving of the proposed transfers and the modification of the schedules as revised is hereby recommended accordingly.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated for the year 1914, as follows:

DEPARTMENT OF STREET CLEANING.

FROM

Purchase of Equipment.

2374	Live stock	$7,092 86
	Contract or Open Order Service—Transportation—Hire of Horses and Vehicles, Without Drivers—Carting and Stables.	
2397	Manhattan	77 17
		$7,170 03

TO

Purchase of Equipment.

2373	Office Equipment	$1,018 77
	Purchase of Equipment, Motor Vehicles and Equipment.	
2378	Brooklyn	975 00
	Materials.	
2382	Building Materials	3,519 77
	Contract or Open Order Service, General Repairs.	
2385	General Administration	58 05
	Contract or Open Order Service, General Repairs—Maintenance of Buildings and Equipment.	
2387	Brooklyn	428 27
	Contract or Open Order Service, Light, Heat and Power—Maintenance of Buildings and Equipment.	
2393	Manhattan	1,093 00
	Contract or Open Order Service—Transportation—Hire of Horses and Vehicles, with Drivers—Carting and Stables.	
2395	Manhattan	77 17
		$7,170 03

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 Street Cleaning for the year 1914, as follows:

DEPARTMENT OF STREET CLEANING.

Purchase of Equipment.

2373	Office equipment		$2,236 67
2374	Live Stock—Carting and Stables—		
	Manhattan	$41,060 00	
	Brooklyn	41,827 14	
	The Bronx	30,362 50	
	Total live stock		113,249 64
	Purchase of Equipment, Motor Vehicles and Equipment.		
2378	Brooklyn		1,468 05
	Materials.		
2382	Building Materials		26,450 49
	Contract or Open Order Service, General Repairs.		
2385	General Administration		158 05
	Contract or Open Order Service, General Repairs, Maintenance of Buildings and Equipment.		
2387	Brooklyn		1,140 27
	Contract or Open Order Service—Light, Heat and Power, Maintenance of Buildings and Equipment.		
2393	Manhattan		3,646 80
	Contract or Open Order Service—Transportation, Hire of Horses and Vehicles, with Drivers, Carting and Stables.		
2395	Manhattan		1,077 17
	Contract or Open Order Service—Transportation, Hire of Horses and Vehicles, Without Drivers, Carting and Stables.		
2397	Manhattan		922 83

Which was adopted by the following vote:

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

Board of Coroners, Borough of The Bronx; Advertising—Transfer of Appropriation and Modification of Schedules (Cal. No. 42B).

The Secretary presented a communication from the Board of Coroners, Bronx County, dated March 4, 1914, requesting a transfer within the appropriation for said Board for 1913; and the following report of the Comptroller, recommending approval thereof and modification of schedules:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—In a communication dated March 4, 1914, the Board of Coroners, Borough of The Bronx, requested transfer of $400.61 from any possibly available unexpended balance of accounts for the year 1913. In connection therewith it is reported as follows:

It is stated by the Coroner's Office of The Bronx that on January 1, 1914, at the time of entering upon their duties, Mr. J. Healey and Mr. W. J. Flynn, the two Coroners elected to that office, found on file the following bills for the year 1913 which had not been paid by their predecessors:

New York Telephone Company	$246 51
L. G. Hamburger, transcript of testimony	80 10
Daniel Breisacher, expert testimony	50 00
N. L. Coe & Son, photographs	24 00
	$400 61

The present Coroners in office further state that there are no funds available in the 1913 Budget appropriations to meet these liabilities, and request that $400.61 be transferred from Account No. 2534, 1913, Miscellaneous, City, Fixed Charges and Contributions, Advertising, Advertising not Otherwise Provided for, Including Arrearages, to meet the deficiency in Accounts Nos. 1991, Office Supplies, and 1994, Telephone Service, respectively, in that office. A sufficient balance remains in Account No. 2534, 1913, referred to, to admit of the proposed transfer.

The adoption of the attached resolutions approving of the proposed transfer and schedules as revised is hereby recommended. Respectfully submitted,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds for the year 1913, as follows:

FROM

MISCELLANEOUS—CITY.

Fixed Charges and Contributions, Advertising.

2534 Advertising, not otherwise provided for, including arrearages.... $400 61

TO

BOARD OF CORONERS, THE BRONX.

Supplies.

1991 Office Supplies $154 10

Contract or Open Order Service, Communication.

1994 Telephone Service 246 51

$400 61

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 year 1913, as follows:

MISCELLANEOUS—CITY.

Fixed Charges and Contributions, Advertising.

2534 Advertising, not otherwise provided for, including arrearages.... $174,599 39

BOARD OF CORONERS, THE BRONX.

Supplies.

1991 Office Supplies..... $354 10

Contract or Open Order Service, Communication.

1994 Telephone Service 639 51

Which was adopted by the following vote:

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

President, Borough of Richmond—Transfer of Appropriation and Modification of Schedules (Cal. No. 42C).

The Secretary presented a communication from the President, Borough of Richmond dated May 8, 1914, requesting a transfer within the appropriation for his office for 1914 and modification of schedule; together with the following report of the Comptroller recommending approval thereof:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—In a communication dated May 8, 1914, the President of the Borough of Richmond requested transfer of $400 within appropriations to that office for the year 1914. In connection therewith it is reported as follows:

The proposed transfer is:

FROM

Contract or Open Order Service.

785 General Repairs $400 00

TO

Materials, General Plant Materials.

784 Care of Public Buildings and Offices $200 00

Purchase of Equipment, General Plant Equipment.

780 Administration and Public Works 200 00

The transfer is requested to meet certain contingencies not anticipated, and therefore not provided for in the purchase of materials and equipment used on work which it was originally intended to have done under contract or open order service, but which it has since been found advisable to have done by utilizing departmental labor.

The work referred to involved the cost of installation of a new boiler in the County Clerk's building, Village of Richmond, Staten Island, to replace an old one which was worn out.

The new boiler was purchased and charged to account No. 780, General Plant Equipment, Administration and Public Works, thereby reducing the amount available for necessary expenditures in that appropriation account for the remainder of the year 1914.

An examination of account No. 784, General Plant Materials, Care of Public Buildings and Offices, discloses an unencumbered balance of $1,204.95, which is not considered sufficient to meet the needs of the bureau referred to for the remainder of the current year.

The adoption of the attached resolutions approving the proposed transfer and schedules, as modified, is hereby recommended accordingly.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Richmond for the year 1914, as follows:

FROM

Contract or Open Order Service.

785 General Repairs $400 00

TO

Materials, General Plant Materials.

784 Care of Public Buildings and Offices..... $200 00

Purchase of Equipment, General Plant Equipment.

780 Administration and Public Works..... 200 00

$400 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 the schedules, as revised, for the office of the President of the Borough of Richmond for the year 1914, as follows:

Contract or Open Order Service.

785 General Repairs—

Administration	$50 00
Care of Public Buildings and Offices.....	2,100 00
Supervision of Building Construction and Alteration.....	5 00
Engineering	281 00
Total General Repairs	$2,436 00

Materials, General Plant Materials.

784 Care of Public Buildings and Offices..... $1,967 51

General Plant Equipment.

780 Administration and Public Works 1,211 59

Which was adopted by the following vote:

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

Department of Docks and Ferries—Issue of Special Revenue Bonds (Cal. No. 43).

The Secretary presented a report of the Comptroller recommending the issue of $30,000 special revenue bonds (subdivision 8, section 188 of the Charter), the proceeds to be used by the Department of Docks and Ferries for the purpose of making necessary repairs to dock at the foot of West 96th street, Borough of Manhattan.

The Comptroller states that this work is urgently required to be done. As the City has entered into an agreement with the New York Contracting and Trucking Company to make the repairs and to be reimbursed by the Company for the amount of the repairs for which it is responsible, the funds should be provided therefor. The estimate of cost appears to be reasonable.

On May 15, 1914 (Cal. No. 182D), the resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.

Which was laid over for one week (June 5, 1914), under Rule 19.

President, Borough of The Bronx—Issue of Special Revenue Bonds (Cal. No. 44).

The Secretary presented a report of the Comptroller recommending the issue of $35,000 special revenue bonds (subdivision 8, section 188 of the Charter), the proceeds to be used by the President of the Borough of The Bronx for the purpose of making repairs to the bridge over the tracks of the New York Central and Hudson River Railroad Company at East 153d street, between Park and Sheridan avenues, Borough of The Bronx.

The Comptroller recommends this appropriation in view of the urgency of this matter and owing to the fact that there are no Budget funds available, also to the fact that the Corporation Counsel advises that an action may be brought at a later date against the New York Central and Hudson River Railroad Company to recover such expenditures as are made.

On May 15, 1914, the resolution of the Board of Aldermen (Cal. No. 182A) requesting the above appropriation was referred to the Comptroller.

Which was laid over for one week (June 5, 1914), under Rule 19.

Board of City Record—Issue of Special Revenue Bonds (Cal. No. 45).

The Secretary presented a report of the Comptroller recommending the issue of $2,500 special revenue bonds (subdivision 8, section 188 of the Charter) for the purpose of replenishing the accounts of the Board of City Record, Bronx County, for the year 1914, for stationery, etc., for the purpose of supplying the needs of the various offices of Bronx County during the remainder of the year 1914, also recommending the modification of schedules to include the additional allowances. The Comptroller states that the appropriations allowed for supplies, etc., for the Bronx County offices are exhausted and such is the present dearth of the supplies that in many cases even the books and forms, mandatorily required, are lacking. Under the circumstances there is little room for questioning the expediency of making immediate provision for the transaction of the county business in proper form.

On May 15, 1914, the resolution of the Board of Aldermen (Cal. No. 182C) requesting the above appropriation was referred to the Comptroller.

Which was laid over for one week (June 5, 1914), under Rule 19.

Juengst Bros.—Claim of (Cal. No. 46).

The Secretary presented a report of the Comptroller relative to the claim of Juengst Brothers, amounting to $118.732, for damages respecting certain land and easements taken for a reservoir at Croton Falls and damages caused by the diversion of water from one branch of the Croton River to another, necessitating the installation of supplemental machinery by the claimants at a considerable cost.

The award of $118,732 made by the Commissioners was supported by the decision laid down by Judge Keogh, and an appeal was taken to the Appellate Division, where the order of Judge Keogh was affirmed. The City has since appealed to the Court of Appeals. The Corporation Counsel is of the opinion that a portion of the award not exceeding $75,000 should be paid the claimants, who will guarantee to secure the City against any loss in the event of a retrial and a lesser award being made by giving a bond amounting to $50,000, as agreed by the claimants. This procedure will reduce the running interest charges against the amount and be the means of saving the City several thousand dollars per annum.

The Comptroller recommends the issue of $75,000 corporate stock to provide for the payment of a portion of the award, under the terms and conditions above set forth.

Which was laid over for one week (June 5, 1914), under rule 19.

Keepsdry Construction Company—Claim of (Cal. No. 47).

The Secretary presented the following report of the Comptroller:

City of New York, Department of Finance, Comptroller's Office, May 20, 1914.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Under and pursuant to the provisions of section 246 of the Greater New York Charter, I hereby certify that an application has been presented by the Keepsdry Construction Company for the adjustment of its claim in the sum of $2,890 alleged to be due it for work performed and materials furnished pursuant to its contract with the President of the Borough of Manhattan for foundation piling at Rivington Street Bath and under an open market order dated April 17, 1913, to furnish labor and material to do the necessary piling under piers Nos. 1, 2 and 3 at said bath at No. 324 Rivington street, which work was performed and materials furnished in the months of May and June, 1913; that no action has been instituted on the claim on which this application was made, and an investigation of the facts upon which it is based discloses that applicants entered into a contract with the President of the Borough of Manhattan on May 14, 1913, for foundation piling at Rivington Street Bath. This contract was entered into during the progress of the work which claimant was performing pursuant to an open market order from the Assistant Commissioner of Public Works dated April 17, 1913, to furnish labor and material to do necessary piling under piers 1, 2 and 3 at a cost not to exceed $950; that it performed the work, labor and services, and furnished the material, pursuant to both the contract and open market order, at a total estimated price of $2,980; that theretofore the applicant had entered into a contract for repairs to the elephant house in Zoological Park, Borough of The Bronx, which, on April 16, 1913, was canceled by the Commissioner, thus constituting applicant a defaulter within the meaning of the provisions of section 419 of the Charter; that the contract for repairs to the elephant house in Zoological Park, The Bronx, was relet at a price $35 less than the price for which the applicant agreed to do the work, and so the City suffered no monetary loss by reason thereof; but because of the provision in section 419 of the Charter the applicants' claim is illegal and invalid against The City of New York, but notwithstanding, in my judgment, it is equitable and proper for the City to pay its claim in the sum of $2,864.62, the actual cost price to applicants for the work performed and materials furnished, inasmuch as the City has received a benefit and derived an advantage which in money value is equal to the said sum; and that said sum of $2,864.62 is the amount which should be paid in full satisfaction of its claim from the fund entitled "1913—2806, President, Borough of Manhattan, Contracts or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing Baths and Comfort Stations," provided the Royal Company of New York, Bankers, at one time applicants' assignee, will release The City of New York from any and all liability by reason of all claims under the contract and open market order in question. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 246 of the Greater New York Charter, as amended, hereby determines that the City has received a benefit from the Keepsdry Construction Company, and is justly and equitably obligated to pay said company, without interest, the sum of two thousand, eight hundred and sixty-four dollars and sixty-two cents ($2,864.62) for certain work, labor and services performed and materials furnished to the President of the Borough of Manhattan under a contract with him for foundation piling at Rivington Street Bath, and under an open market order for the necessary piling under Piers 1, 2 and 3 at said bath, No. 324 Rivington street, in May and June, 1913; that the said sum shall be paid in full satisfaction of the applicants' claim of two thousand eight hundred and ninety dollars ($2,890) for such work and materials; that the interests of the City will be best subserved by the compromise of the said claim in that amount, and that such sum shall be paid only upon the execution by the Keepsdry Construction Company and the Royal Company of New York, bankers, of a full release in favor of the City in such form as may be approved by the Corporation Counsel, and the Comptroller is hereby authorized to pay said claim

in the sum of two thousand eight hundred and sixty-four dollars and sixty-two cents ($2,864.62) from the account entitled "1913—2806, President, Borough of Manhattan, Contracts or Open Order Service—General Repairs—Care of Public Buildings and Offices, Repairing Baths and Comfort Stations."

Which was adopted by the following vote:

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

Appropriation for Collection and Preservation of Records Relating to the Early History of The City of New York (Cal. No. 48).

(On April 17, 1914 (Cal. No. 20), the petition in this matter was referred to the Comptroller.)

The Secretary presented a communication from Rev. S. Parkes Cadman, dated April 6, 1914, submitting a petition, dated June 25, 1913, relative to the granting of an appropriation for the collection of records, annals, etc., of the early history of The City of New York; and the following report of the Comptroller recommending that the matter be referred to the Budget Committee, etc.:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—Under date of April 6, 1914, Rev. S. Parkes Cadman forwarded to the Mayor a petition dated June 10, 1912, requesting that $20,000 a year for ten years be included in the 1913 and subsequent budgets, to provide for the "collection and preservation of records, annals, chronicles, journals, diaries, letters and other data and materials for the writing of the early history of the towns and cities now grouped in Greater New York," and requesting that a hearing be granted on the subject by the Board of Estimate and Apportionment. This communication was referred by the Mayor, under date of April 7, 1914, to the Board of Estimate and Apportionment. The Board referred the matter to the Comptroller under date of April 17, 1914. This subject has been brought to the attention of the Board of Estimate and Apportionment by the petitioners several times in the past few years but without favorable action. In connection therewith the following report is submitted:

In the offices of the County Clerks, the Commissioners of Records and in other offices of The City of New York and counties embraced therein, as well as in the public and private libraries in New York City and elsewhere and in the government offices at Albany and Washington and historical associations throughout the country there are many originals and copies of old wills, deeds, grants, minutes of town boards and other public bodies from the time of the first settlement of this locality down to contemporary dates. It is the purpose of the petitioners that funds be appropriated to carry on the work of collecting, translating, copying, classifying, indexing and printing these records and documents in order to show in a comprehensive and systematic way their relation to the development and early history of The City of New York.

Under authority of chapter 457 of the Laws of 1897 a similar work was carried on so far as the former City of Brooklyn was concerned. This work, under the above statute and designation of the then Mayor of Brooklyn, was conducted under the auspices of a committee of the Long Island Historical Society, and upwards of $30,000 of City funds were expended between the years 1897 and 1909. On May 7, 1912, the data so collected was delivered by the above mentioned society to the Commissioner of Records of Kings County, where it is now preserved. This material has not been printed and it is estimated that the data so collected is sufficient to fill forty octavo volumes. A copy of a communication dated May 9, 1914, from the Commissioner of Records of Kings County as to the value of the work so done and proposed to be done under this petition is attached hereto and made a part of this report.

Efforts have been made to interest the Department of Historical Research of the Carnegie Institution of Washington in this work, but the Director, Mr. J. Franklin Jameson, has stated it would be impossible for that institution to do the work. In a communication dated May 8, 1914, a copy of which is attached hereto, he strongly urges that this work be undertaken and makes valuable suggestions as to the proper procedure to be followed.

Mr. Sydney Reid, one of the petitioners, and who performed a portion of the work done in Brooklyn, has made the following estimate of the annual cost of conducting this research work:

One Chief, 1 year	$3,000 00
Five Typists at $780 a year	3,900 00
Two Comparers at $1,040 a year	2,080 00
Total	$8,980 00

This estimate does not include the salary of a Photographer and Translator, who would be employed temporarily. Neither does it include the cost of postage, stationery, office rent or equipment, printing or traveling expenses.

If this work is authorized the question naturally arises whether it should be done under the auspices of a private historical association, as was the case when the work in Brooklyn was done, or whether it can best be done in connection with and under the supervision of some office or Department of the City or County government. No public officer is directly charged with the responsibility for performing such work. If the latter suggestion is believed to be the more advisable the work could be done along one of the following lines:

(1) A board or committee comprised of the Commissioners of Records in those Counties within the City where such offices exist, and in the other Counties, of the County Clerks, could be formed to carry on this work. These officers are probably more familiar with the existence of the records it is desired to collect than any others.

(2) Section 151, paragraph 6, of the Greater New York Charter, provides for the creation, within the Department of Finance, of a Bureau of Municipal Investigation and Statistics, "Said bureau shall be the custodian of and shall conveniently locate for reference all records * * * of the component parts of Greater New York * * *." Under this section of the Charter this bureau might conduct the work.

(3) The Board of Estimate and Apportionment might invite the Commissioners of Records, County Clerks and others cited in the letter of Mr. Jameson, mentioned in a previous paragraph, to form an advisory counsel, under it, and appropriate one thousand dollars to make a preliminary survey of the field to be covered and the cost thereof and later, when this preliminary survey is completed, authorize the work to be performed under a permanent official commission.

The petition requests that the Board of Estimate and Apportionment grant a public hearing on the matter. This hearing, if allowed, will bring out the salient features involved in the proposition. The adoption of the attached resolution referring the matter to the Budget Committee is recommended.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the petition submitted by Rev. S. Parkes Cadman, dated June 10, 1912, requesting a public hearing on an application for an appropriation to make provision for the collection of records, annals, etc., relating to the early history of The City of New York, be referred to the Committee on Tax Budget of the Board of Estimate and Apportionment and that the said committee be and it is hereby requested to hold a public hearing on the application.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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—Modification of Schedule (Cal. No. 49).

The Secretary presented a communication, dated May 16, 1914, from the Commissioner of Water Supply, Gas and Electricity requesting the modification of a schedule for 1914; and the following report of the Comptroller recommending approval thereof:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—In a communication dated May 16, 1914, the Department of Water Supply, Gas and Electricity requested modification of Schedule No. 2198, Personal Service, Wages Temporary Employees, Water Supply, Pumping, Tax Levy Force.

The 1914 budget provided for the payment of regular time wages of only two of the three Pipefitter's Helpers then employed at the pumping stations, Boroughs Manhattan and The Bronx. The employment of the third Helper was, however, continued, and application made to the Municipal Civil Service Commission for permission to change his title to Licensed Fireman, but before the approval was granted the funds in the temporary time schedule had been exhausted.

To reimburse the line Pipefitter's Helper, and provide the necessary funds for the line Machinist in this schedule, it is proposed to increase the number of days for Machinist at $4.50 a day from 15 to 36 days and the number of days for Pipefitter's Helper at $3 per day from 10 to 19 days. To provide for the foregoing increases at a cost of $121.50 the line Stationary Engineer at $4.50 a day is reduced from 50 to 44 days, the line Laborer at $2.50 a day from 400 to 363 days and the balance unassigned, $2, is eliminated.

The schedule line changes in detail are as follows:

Code No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
2198	Stationary Engineer at $4.50 per day (50 days)	$27 00	.....	$27 00	.....
	Laborer at $2.50 per day (400 days)	92 50	.....	92 50	.....
	Balance unassigned, $2	2 00	.....	2 00	.....
	Machinist at $4.50 per day (15 days)	.....	$94 50	.....	$94 50
	Pipefitter's Helper at $3 per day (10 days)	.....	27 00	.....	27 00
		$121 50	$121 50	$121 50	$121 50

No increase of wages is involved in the proposed changes.

The adoption of the attached resolution granting the request is hereby recommended accordingly. Respectfully submitted,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedule, as revised, for the Department of Water Supply, Gas and Electricity for the year 1914, to take effect May 1, 1914, as follows:

Personal Service, Water Supply, Pumping.

2198	Tax Levy Force—	
	Stationary Engineer, at $4.50 per day (44 days)	$198 00
	Oiler, at $3 per day (50 days)	150 00
	Stoker, at $3 per day (50 days)	150 00
	Bricklayer, at $6 per day (9 days)	54 00
	Pipefitter, at $5.50 per day (10 days)	55 00
	Carpenter, at $5 per day (75 days)	375 00
	Painter, at $4 per day (75 days)	300 00
	Machinist, at $4.50 per day (36 days)	162 00
	Machinist's Helper, at $3 per day (15 days)	45 00
	Pipefitter's Helper, at $3 per day (19 days)	57 00
	Mason's Helper, at $3 per day (5 days)	15 00
	Laborer, at $2.50 per day (363 days)	907 50
	Schedule total	$2,468 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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—Modification of Schedule (Cal. No. 50).

The Secretary presented a communication from the Department of Water Supply, Gas and Electricity, dated May 16, 1914, requesting the modification of schedules for 1914; and the following report of the Comptroller recommending approval thereof:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—In a communication dated May 16, 1914, the Department of Water Supply, Gas and Electricity requested modification of accounts Nos. 715 and 721 for the 1913 budget appropriations.

The purpose of the proposed modification is to provide funds to meet salary expenditures relative to certain employees of the Engineering Bureau of the department for time lost while incapacitated on account of injuries received by them when engaged in the performance of their duties. Sufficient funds may be provided to meet the proposed expenditures by transferring $190 from account No. 715, Laborer, at $2.50 per day, to Account No. 720, Laborer, at $2.50 per day.

The line item changes in detail are shown as follows:

Code No.	Title.	Schedule Transfer. Decrease	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
715	Laborer, at $2.50 per day (3,400 days)	$190 00	.....	$190 00	.....
	Debit Transfer	$190 00	.....	$190 00	.....
721	Laborer, at $2.50 per day (5,522 days)	.....	$190 00	.....	$190 00
	Credit Transfer	.....	$190 00	.....	$190 00

No salary increases are involved in the proposed changes.

The adoption of attached resolution, approving the schedules as modified, is hereby recommended accordingly.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedules, as revised, for the Department of Water Supply, Gas and Electricity for the year 1913, to take effect May 1, 1914, as follows:

Personal Service.

715	Collection and Storage, Tax Levy Force—	
	Foreman, at $4 per day (10 days)	$40 00
	Foreman, at $3.50 per day (10 days)	35 00
	Foreman, at $3 per day (10 days)	30 00
	Assistant Foreman, at $3 per day (40 days)	120 00
	Carpenter, at $5 per day (10 days)	50 00
	Stonecutter, at $4.50 per day (10 days)	45 00
	Painter, at $4 per day (20 days)	80 00
	Mason, at $4 per day (30 days)	120 00
	Laborer, at $2.50 per day (3,324 days)	8,310 00
		$8,830 00

Personal Service—Wages, Temporary Employees, Water Supply—Distribution.

721	Tax Levy Force—	
	Inspector, at $4 per day (775 days)	$3,100 00
	Inspector of Masonry, at $5 per day (10 days)	50 00
	Foreman, at $5 per day (315 days)	1,575 00
	Assistant Foreman, at $4 per day (150 days)	600 00
	Assistant Foreman, at $3 per day (1,126 days)	3,378 00
	Carpenter, at $5 per day (20 days)	100 00
	Housesmith, at $5 per day (10 days)	50 00
	Machinist, at $4.50 per day (72 days)	324 00
	Machinist Helper, at $3 per day (144 days)	432 00
	Blacksmith, at $4.50 per day (10 days)	45 00
	Blacksmith Helper, at $3 per day (10 days)	30 00

Flagger, at $4.50 per day (10 days)	45 00
Tapper, at $4 per day (50 days)	200 00
Caulker, at $4 per day (3,482 days)	13,928 00
Toolman, at $2.50 per day (10 days)	25 00
Driver, at $2.50 per day (216 days)	540 00
Laborer, at $2.50 per day (5,598 days)	13,995 00
Schedule Total	$38,417 00
Tax Levy Allowance	$36,992 00
Special Revenue Bond Allowance	1,425 00
Total Allowance	$38,417 00

Which was adopted by the following vote:

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

Department of Parks, Borough of Brooklyn—Transfer of a Parcel of Land (Cal. No. 51).

The Secretary presented a report of the Comptroller, referring to the communication from the Commissioner of Parks, Borough of Brooklyn, requesting approval of a proposed agreement relative to the transfer of a parcel of land at present under the jurisdiction of his Department to the Brooklyn Institute of Arts and Sciences for use as an addition to the Brooklyn Botanic Garden and Arboretum. The Comptroller recommends that the property which it is proposed to transfer is situated on the south of the easterly lines occupied by the institute, adjacent to the Central Library site and the Botanic Garden, extending from Washington avenue to Flatbush avenue, bounded on the south by Malbone street, and contains an area of 6¾ acres, upon which has been erected a building for fire alarm purposes. The Comptroller recommends that the agreement be not approved in view of the fact that this land may at some future time be required by the City for improving the approach to the Willink entrance to Prospect Park, but suggests that this plot be temporarily loaned to the City authorities for school farm purposes by the Commissioner of Parks until such time as it may be required for development as an approach to the Willink entrance, or such other purpose as may be considered necessary to meet public requirements.

(On May 1, 1914, (Cal. No. 147), the above communication and proposed agreement were referred to the Comptroller.).

Which was referred back to the Comptroller for further conference with the Commissioner of Parks, Borough of Brooklyn.

From Bureaus of the Board.

Bureau of Public Improvements.

Engineer's Financial Statement. (Cal. No. 52.)

The Secretary presented the following report of the Chief Engineer, which was ordered printed in the minutes and filed:

Financial Statement No. D-7. May 25, 1914.

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

Sir—I beg to submit the following tabular statement showing the estimated cost of local improvements and the number of opening proceedings for each borough and total for all boroughs, authorized by the Board of Estimate and Apportionment since January 1, 1913:

Surface and Subsurface Improvements Authorized in 1913 and 1914.

Borough	Surface Improvements. Total, 1913. No.	Surface Improvements. Total, 1913. Amount.	Surface Improvements. 1914 to Date. No.	Surface Improvements. 1914 to Date. Amount.	Sewer Improvements. Total, 1913. No.	Sewer Improvements. Total, 1913. Amount.	Sewer Improvements. 1914 to Date. No.	Sewer Improvements. 1914 to Date. Amount.
Manhattan	22	$320,600 00	1	$9,200 00	11	$80,700 00	..	.....
Brooklyn	336	2,557,600 00	41	312,700 00	*153	2,538,700 00	24	$375,200 00
The Bronx	78	1,322,300 00	5	58,800 00	34	1,731,500 00	8	56,500 00
Queers	69	791,100 00	22	279,900 00	71	2,126,600 00	6	73,700 00
Richmond	9	45,700 00	1	1,000 00	13*	59,800 00	..	.....
Total	514	$5,537,300 00	70	$661,600 00	*282	$6,537,300 00	38	$505,400 00

*Includes one improvement for which partial authorization has been given.

Total Physical Improvements and Street and Park Opening Proceedings Authorized in 1913 and 1914.

Borough.	Physical Improvements. Total, 1913. No.	Physical Improvements. Total, 1913. Amount.	Physical Improvements. 1914 to Date. No.	Physical Improvements. 1914 to Date. Amount.	Street and Park Opening Proceedings. Total, 1913. Number of Streets and Parks Affected.	Street and Park Opening Proceedings. Total, 1913. Number of Proceedings.	Street and Park Opening Proceedings. 1914 to Date. Number of Streets and Parks Affected.	Street and Park Opening Proceedings. 1914 to Date. Number of Proceedings.
Manhattan	33	$401,300 00	1	$9,200 00	5	4	..	..
Brooklyn	*489	5,096,300 00	65	687,900 00	35	24	1	1
The Bronx	112	3,553,800 00	13	115,300 00	31	23	..	..
Queers	140	2,917,700 00	28	353,600 00	35	27	..	..
Richmond	22	105,500 00	1	1,000 00	2	2	..	..
Total	*796	$12,074,600 00	108	$1,167,000 00	108	80	1	1

*Includes one improvement for which partial authorization has been given.

The number and estimated cost of additional improvements for which preliminary authorization only has been given are as follows:

Borough.	Surface Improvements. No.	Surface Improvements. Amount.	Sewer Improvements. No.	Sewer Improvements. Amount.	Total. No.	Total. Amount.
Manhattan	10	$260,000 00	15	$253,800 00	25	$513,800 00
Brooklyn	41	301,200 00	*22	1,696,600 00	*63	1,997,800 00
The Bronx	13	268,500 00	9	1,219,400 00	22	1,487,900 00
Queens	21	434,500 00	31	670,700 00	52	1,105,200 00
Richmond	3	9,400 00	1	2,400 00	4	11,800 00
Total	88	$1,273,600 00	*78	$3,842,900 00	*166	$5,116,500 00

*Includes two improvements for which partial final authorization has been given.

A comparison of the estimated value of improvements for which final authorization has been given since January 1, 1914, and of all outstanding preliminary authorizations, with the value of the assessment lists relating to authorizations since January 1, 1902, returned in 1914, up to and including May 19, shows as follows:

Borough.	Amount for Which Final Authorization Has been Given in 1914, Plus Outstanding Preliminary Authorizations.	Assessment Lists Returned.
Manhattan	$523,000 00	$237,009 64
Brooklyn	2,685,700 00	674,645 31
The Bronx	1,603,200 00	901,494 98
Queens	1,458,800 00	1,017,247 02
Richmond	12,800 00	66,191 82
Total	$6,283,500 00	$2,896,588 77

Respectfully, NELSON P. LEWIS, Chief Engineer.

Discontinuing the Proceeding for Acquiring Title to 58th Street, Between 2d Avenue and the Marginal Street 350 Feet West of 1st Avenue, Borough of Brooklyn. (Cal. No. 53.)

The Secretary presented a resolution adopted on May 28, 1913, by the Local Board of the Bay Ridge District, Borough of Brooklyn, rescinding its resolution of July 11, 1912, under which proceedings were initiated for the acquisition of title to 58th street, from 2d avenue to the marginal street 350 feet west of 1st avenue; and report thereon by the Chief Engineer of the Board dated May 18, 1914, recommending the discontinuance of the proceeding, provided that the interested property owners first compensate the City for the expense which has been already incurred, amounting to $50.

On motion of the President of the Borough of Manhattan, the matter was laid over for one week (June 5, 1914).

Waiver of Claims in Connection with the Opening of Fanchon Place, from Jamaica Avenue to Highland Boulevard, Borough of Brooklyn (Cal. No. 54).

(At the meeting of the Board on May 1, 1914 (Cal. No. 1), a resolution was adopted changing the lines of Fanchon place between Bushwick avenue and Jamaica avenue, with the understanding that a stipulation releasing the City from claims under section 1000 of the Charter, would be executed by the Railroad Company and submitted to the Board.)

The Secretary presented a communication from the Deputy Chief Engineer, Bureau of Public Improvements, dated May 21, 1914, transmitting the following stipulation:

Supreme Court, County of Kings.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening Fanchon place, from Jamaica avenue to Highland boulevard, in the 26th Ward, Borough of Brookyln, The City of New York.

It is hereby stipulated by and between the Brooklyn, Queens County and Suburban Railroad Company and The City of New York that the said Brooklyn, Queens County and Suburban Railroad Company hereby stipulates and agrees to waive any claim or claims that the said Company may have for reimbursement of the actual cash disbursements necessarily incurred and made in good faith by the said Railroad Company in the presentation of their claims for damage to the Commissioners of Estimate in the above entitled proceeding in the event that the lands hereinafter described be eliminated from said proceeding, and a discontinuance as to such lands authorized under the provisions of section 1000 of the Charter.

The description of said lands being as follows:

"Beginning at the corner formed by the intersection of the northerly side of Jamaica avenue with the westerly side of Fanchon place; running thence northerly and along the westerly side of Fanchon place 381.87 feet to the corner formed by the intersection of the southerly side of Bushwick avenue with the westerly side of Fanchon place; running thence easterly and along the southerly side of Bushwick avenue 1.17 feet; running thence southerly and parallel with the westerly side of Fanchon place to a point where the said line intersects the northerly side of Jamaica avenue; running thence westerly and along the northerly side of Jamaica avenue distant 1.19 feet to the corner formed by the intersection of the northerly side of Jamaica avenue with the westerly side of Fanchon place the point or place of beginning."

And it is further stipulated and agreed that this stipulation shall not in any way affect the merits of the appeal heretofore taken by the Brooklyn, Queens County and Suburban Railroad Company from an order duly made and entered herein on the 19th day of November, 1913, in so far as said order confirms the report of the Commissioner of Assessment in the within proceeding, except that the said Railroad Company stipulates and agrees to waive any right to question the regularity of the assessment as levied in the said report of the Commissioner of Assessment in so far as such levy of an assessment is affected by the discontinuance now contemplated.

Dated, Brooklyn, N. Y., May 11th, 1914.

GEO. D. YOUMANS, Attorney for Brooklyn, Queens County and Suburban Railroad Company; FRANK L. POLK, Corporation Counsel and Attorney for The City of New York.

The following was offered:

Whereas, The Brooklyn, Queens County and Suburban Railroad Company has presented to the Board of Estimate and Apportionment a stipulation dated May 11, 1914, releasing the City from claims for reimbursement of the actual cash disbursements necessarily incurred and made in good faith by the said Company in the presentation of their claims for damage to the Commissioners in the proceeding authorized by the Board of Estimate and Apportionment on May 8, 1908, for acquiring title to Fanchon place, from Jamaica avenue to Highland boulevard, Borough of Brooklyn; be it

Resolved, That the Board of Estimate and Apportionment hereby accepts the said stipulation from the Brooklyn, Queens County and Suburban Railroad Company, and directs the Secretary of the Board to forward it to the Corporation Counsel.

Which was adopted by the following vote:

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

Transferring Jurisdiction from the Commissioner of Public Parks to the Borough President Over Crotona Avenue, from Crotona Park South to Crotona Park North; Jerome Avenue, from Gun Hill Road to the Northerly City Line, and East 175th Street, from 3d Avenue to Arthur Avenue, Borough of The Bronx (Cal. No. 55).

The Secretary presented a communication from the President of the Borough of The Bronx dated March 23, 1914, requesting that provision be made for the transfer of jurisdiction over these streets, and transmitting the consent of the Commissioner of Parks to such an arrangement; and the following report by the Chief Engineer of the Board:

Report No. 13708. May 22, 1914.

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 The Bronx, bearing date of March 23, 1914, requesting that provision be made for transferring from the Commissioner of Parks to the Borough President jurisdiction over the following streets: Crotona avenue, from Crotona Park South to Crotona Park North; Jerome avenue, from Gun Hill road to the northerly City line; East 175th street, from 3d avenue to Arthur avenue.

Crotona avenue between the limits named has a length of about one-half mile, and through the entire distance passes through Crotona Park. Jerome avenue north of Gun Hill road has a length of a little less than two miles; south of East 233d street it adjoins Van Cortlandt Park on the east, while to the north of East 233d street it passes through the park area. East 175th street between the limits named has a length of about 700 feet; in the block between 3d avenue and Fulton avenue it adjoins Crotona Park on the south, while in the easterly block the entire frontage on each side comprises park property.

The special acts under which Van Cortlandt Park and Crotona Park were acquired would seem to indicate that so much of these streets as traverse park areas are under the jurisdiction of the Park Commissioner; at the same time each of them has been placed upon the City map as a street, and at least some of them have been made the subject of assessable improvements carried out by the Borough President. It appears, however, that a question has now been raised as to the responsibility for their maintenance, and, in order to remove any doubt in this matter, the Borough President suggests that this doubt be removed. The course suggested by him is concurred in by the Park Commissioner, and its carrying out is provided for under the provisions of section 243A of the Charter, as amended by chapter 331 of the Laws of 1913.

I see no reason why the course suggested should not be carried out, and would recommend the adoption of a resolution making provision for placing the streets named under the control of the Borough President, this action being subject to concurrence on the part of the Board of Aldermen.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, By the Board of Estimate and Apportionment of The City of New York, pursuant to the provisions of section 243a of the Greater New York Charter, as amended by chapter 331 of the Laws of 1913, that jurisdiction and control over the following streets is hereby transferred from the Commissioner of Parks for the Borough of The Bronx to the President of the Borough of The Bronx:

Crotona avenue from Crotona Park South to Crotona Park North;
Jerome avenue from Gun Hill road to the northerly City line;
East 175th street from 3d avenue to Arthur avenue, all in the Borough of The Bronx.

Which was adopted by the following vote:

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

Bureau of Records and Minutes.

Approved Papers, Changes in the City Map, Franchises and Revocable Permits (Cal. No. 56).

The following communications from the Secretary were ordered printed in the minutes and filed.

City of New York, Board of Estimate and Apportionment, Office of the Secretary, Municipal Building, May 28, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—I beg to inform you that his Honor, the Mayor, has returned to this office the following resolutions, changing the map or plan of The City of New York, adopted by the Board of Estimate and Apportionment and approved by him on the dates mentioned below:

44. By changing the lines of Fanchon place between Bushwick avenue and Jamaica avenue, Borough of Brooklyn.

Adopted by the Board on May 1, 1914; approved by the Mayor on May 19, 1914.

45. By changing and extending the lines, and changing the grades of Montague street from Furman street to the United States bulkhead line of the East River, Borough of Brooklyn.

Adopted by the Board on May 1, 1914; approved by the Mayor on May 1, 1914.

46. By changing the grades of Lefferts avenue between Tuckahoe avenue and Vistula avenue, Borough of Queens.

Adopted by the Board on May 1, 1914; approved by the Mayor on May 14, 1914.

47. By laying out the lines and grades of Ziegler avenue across the Flushing and Northside Division of the Long Island Railroad, Borough of Queens.

Adopted by the Board on May 1, 1914; approved by the Mayor on May 14, 1914.

48. By closing and discontinuing so much of Richmond avenue and New York avenue as fall within the limits of the United States Government Reservation at Fort Wadsworth, Staten Island, Borough of Richmond.

Adopted by the Board on May 1, 1914; approved by the Mayor on May 14, 1914.

Respectfully, JOSEPH HAAG, Secretary.

City of New York, Board of Estimate and Apportionment, Office of the Secretary, Municipal Building, May 28, 1914.

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

Gentlemen—I beg to report that the following resolutions granting franchises and revocable permits and requiring the separate approval of his Honor, the Mayor, have been so approved on the dates mentioned as follows:

Date of Adoption.	Subject of Resolution.	Date of Approval.
May 1, 1914	Cal. No. 51. Permission to Leonard C. Smith to install, maintain and use a ten-inch salt water pipe under West 155th street, between 8th avenue and the Harlem River, Borough of Manhattan.....	May 22, 1914
May 15, 1914	Cal. No. 16. Grant of franchise to the Degnon Terminal Railroad Corporation to construct, maintain and operate railroad tracks across Pearson st., Anable ave., Creek, Orton, Manly and Mount streets and Nott ave., for the purpose of operating a freight terminal railroad in the Borough of Queens.....	May 26, 1914
May 15, 1914	Cal. No. 17. Grant of franchise to the Hillside Transportation Co., Inc., to operate stages or omnibuses upon five routes in the Borough of Queens.....	May 22, 1914
May 15, 1914	Cal. No. 76. Permission to Charles Stern & Co., Inc., to install, maintain and use a three-inch iron pipe under and across Hudson st., for the purpose of conveying wine from premises 153-155 Hudson st. to New York Central Depot	May 22, 1914

Respectfully, JOSEPH HAAG, Secretary.

The Comptroller moved that the Committee on Organization of the Board be requested to report in two weeks (June 12, 1914) on the application of Rule 19 of the Rules of Procedure of the Board, so as to definitize the subjects to which this rule applies.

Which motion was unanimously carried.

LOCAL IMPROVEMENTS.

Preliminary Authorization.

Borough of Manhattan.

Regulating and Grading West 218th Street, from Seaman Avenue to Isham Avenue, Borough of Manhattan (Cal. No. 57).

The Secretary presented a resolution adopted by the Local Board of the Washington Heights District, Borough of Manhattan, initiating proceedings for this improvement; and report thereon by the Chief Engineer.

On motion of the Comptroller the matter was laid over for two weeks (June 12, 1914).

Borough of Brooklyn.

The Secretary presented resolutions adopted by Local Boards in the Borough of Brooklyn, initiating proceedings for the following local improvements; and reports thereon by the Chief Engineer:

Sewer in East 13th Street, from Avenue N to Avenue O, Borough of Brooklyn (Cal. No. 58).

Sewer in 15th Avenue, from 46th Street to 47th Street, Borough of Brooklyn (Cal. No. 59).

Sewer in East 17th Street, from Avenue O to Avenue P, Borough of Brooklyn (Cal. No. 60).

Sewer in Newport Street, from Chester Street to Rockaway Avenue, Borough of Brooklyn (Cal. No. 61).

House Connecting Drains in 74th Street, from 16th Avenue to 17th Avenue, Together with Receiving Basins on 74th Street, at the Northeasterly and Southeasterly Corners of New Utrecht Avenue, Borough of Brooklyn (Cal. No. 62).

Regulating and Grading Dahlgren Place, from 92d Street to Cropsey Avenue, Borough of Brooklyn (Cal. No. 63).

Regulating and Grading East 7th Street, From Ditmas Avenue to 18th Avenue, Borough of Brooklyn (Cal. No. 64).

Regulating and Grading Barrett Street, From Livonia Avenue to East 98th Street, Borough of Brooklyn (Cal. No. 65).

Regulating and Grading 61st Street, From 17th Avenue to 18th Avenue, Borough of Brooklyn (Cal. No. 66).

Regulating and Grading 73d Street, From 11th Avenue to 12th Avenue, Borough of Brooklyn (Cal. No. 67).

Curbing, Recurbing and Paving East 22d Street, From Ditmas Avenue to Newkirk Avenue, Borough of Brooklyn (Cal. No. 68).

Regulating, Grading and Paving Belmont Avenue, From Powell Street to Junius Street, Borough of Brooklyn (Cal. No. 69).

Paving West Street, From Church Avenue to 39th Street, Borough of Brooklyn (Cal. No. 70).

Which, on motion of the Comptroller, were laid over for two weeks (June 12, 1914).

Paving West Street, from Church Avenue to Fort Hamilton Avenue, Borough of Brooklyn (Cal. No. 71).

The Secretary presented a resolution adopted on October 9, 1912, by the Local Board of the Flatbush District, Borough of Brooklyn, initiating proceedings for this improvement; and the following report of the Chief Engineer:

Report No. 13790. May 22, 1914.

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

Sir—On January 9, 1914, the President of the Borough of Brooklyn approved and forwarded to the Board of Estimate and Apportionment a resolution adopted by the Local Board of the Flatbush District on October 9, 1912, initiating proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on West street, between Church avenue and Fort Hamilton avenue, a distance of six short blocks, or about 1,800 feet.

In reporting upon the petition for paving, the Chief Engineer of Highways of the Borough of Brooklyn on August 1, 1912, recommended that the resolution to be adopted by the Local Board provide for a 6-inch concrete foundation, and the only estimate of total cost furnished with the resolution is apparently based upon that estimate of the Highway Engineer, namely, $19,000, while the assessed value of the property to be benefited is given as $200,550. Since the amendment of section 948 of the Charter by chapter 484 of the Laws of 1912, providing for the classification of pavements and the action of the Board itself on June 6, 1912, making such classification, a number of asphalt pavements on a 4-inch concrete foundation have been authorized for the Borough of Brooklyn. The inadvisability of laying such pavements has been frequently discussed with the borough authorities, but it has been urged that, inasmuch as there were only a few more resolutions, and as a 4-inch concrete foundation falls within the classification for a preliminary pavement adopted by the Board, and inasmuch as many pavements in the Borough of Brooklyn, although laid on a 4-inch concrete foundation, have given good service, it would be unwise to refuse to approve resolutions already adopted by the Local Boards for such pavements, notwithstanding the fact that in a number of cases the designation of a 4-inch concrete foundation has been contrary to the written report of the Borough Chief Engineer of Highways, and it is doubtful if anyone could be found who would advise the use of such an inadequate base.

This particular street is an important one, being next to Gravesend avenue, and is the line where the street system of the former Town of New Utrecht joins the system of Flatbush and Gravesend. It is also next to Gravesend avenue, where a double track railroad, on which trains are operated, occupies the surface of the street. It will probably be called upon to sustain quite a heavy traffic, for which a 4-inch foundation is not adequate. Its use is bad engineering, bad business, and, in my judgment, is inconsistent with the real intent and spirit of section 948 of the Charter, as amended, although it technically complies with the resolution of the Board classifying pavements. Preliminary pavements as laid in other boroughs, especially in The Bronx, are usually a bituminous macadam or concrete.

I would therefore recommend that the resolution be disapproved.

Respectfully, NELSON P. LEWIS, Chief Engineer.

On motion of the President of the Borough of The Bronx the matter was referred to the Committee on Corporate Stock Budget.

Paving 71st Street, From Fort Hamilton Parkway to 10th Avenue, Borough of Brooklyn (Cal. No. 72).

The Secretary presented a resolution adopted by the Local Board of the Bay Ridge District, Borough of Brooklyn, initiating proceedings for this improvement; and report thereon of the Chief Engineer:

On motion of the Comptroller the matter was laid over for two weeks (June 12, 1914).

Borough of The Bronx.

The Secretary presented resolutions adopted by Local Boards in the Borough of The Bronx initiating proceedings for the following local improvements; and reports thereon by the Chief Engineer:

Reconstructing Sewer in 3d Avenue, From East 138th Street to East 140th Street, Borough of The Bronx (Cal. No. 73).

Regulating and Grading Blackrock Avenue, From Pugsley Avenue to Havemeyer Avenue, and Grading This Street From Virginia Avenue to Pugsley Avenue, Borough of The Bronx (Cal. No. 74).

Paving East 174th Street, From Southern Boulevard to Bryant Avenue, and Adjusting the Curbing, Borough of The Bronx (Cal. No. 75).

Paving Jackson Avenue, From East 141st Street to East 149th Street, Borough of The Bronx (Cal. No. 76).

Which, on motion of the Comptroller, were laid over for two weeks (June 12, 1914).

Borough of Queens.

The Secretary presented resolutions adopted by Local Boards in the Borough of Queens initiating proceedings for the following local improvements; and reports thereon by the Chief Engineer:

Sewer in Steinway Avenue, From Jackson Avenue to Washington Avenue, Borough of Queens (Cal. No. 77).

Sewers in Anthon Avenue, From Catalpa Avenue to Hughes Street, and in Cornelia Street, From Forest Avenue to Anthon Avenue, Borough of Queens (Cal. No. 78).

Sewers in Maple Street and in Hickory Street, From Freedom Avenue to the New York and Rockaway Beach Railroad, Borough of Queens (Cal. No. 79).

House Connecting Drains in Potter Avenue, From Crescent Street to Barclay Street, Together With Receiving Basins on Potter Avenue at the Northerly and Westerly Corners of Hallett Street, and at the Northerly and Easterly Corners of Howland Street, Borough of Queens (Cal. No. 80).

House Connecting Drains in Stephen Street, From Wyckoff Avenue to Cypress Avenue, Borough of Queens (Cal. No. 81).

House Connecting Drains in Lefferts Avenue, From the Rockaway Road to Liberty Avenue, Borough of Queens (Cal. No. 82).

Which, on motion of the Comptroller, were laid over for two weeks (June 12, 1914).

Regulating, Grading, Curbing and Laying Sidewalks and Crosswalks and Relaying Granite Pavement in Montgomery Avenue, From Borden Avenue to Columbine Avenue, Borough of Queens (Cal. No. 83).

(At the meeting of the Board on March 27, 1914 (Cal. No. 52), a resolution adopted by the Local Board of the Newtown District on December 12, 1913, initiating proceedings for this improvement was presented, and referred back to the President of the Borough of Queens.)

The Secretary presented a resolution adopted on May 11, 1914, by the Local Board of the Newtown District rescinding its resolution of December 12, 1913.

Which was ordered filed.

Rescinding the Resolution Granting Preliminary Authorization for the Construction of Sewers in Catalpa Avenue From Fresh Pond Road to Chaffee Street, and in Sedgwick Street From Catalpa Avenue to Hughes Street, Borough of Queens (Cal. No. 84).

The Secretary presented a resolution adopted on March 6, 1914, by the Local Board of the Newtown District, Borough of Queens, rescinding its resolution adopted on June 6, 1913, initiating proceedings for this improvement; and the following report of the Chief Engineer:

Report No. 13699. April 17th, 1914.

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 November 20th, 1913, and in accordance with a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on June 6th of the same year, preliminary authorization was granted for constructing sewers in the following streets: Catalpa avenue from Fresh Pond road to Chaffee street; Sedgwick street from Catalpa avenue to Hughes street.

The work was estimated to cost about $3,000, and the assessed valuation of the property to be benefited was stated to be $177,075.

It appears that the property owners have constructed the sewer in Catalpa avenue under private contract, and that the sewer in Sedgwick street is deemed unnecessary at this time. The Local Board accordingly, on March 6th of the current year, adopted a resolution, which is herewith transmitted, rescinding its resolution above referred to under which the proceeding was initiated. Information is presented showing that no expenses have been incurred in the matter and it is desired that the resolution granting preliminary authorization be rescinded.

I can see no reason why this should not be done, and would recommend the rescission of the resolution of November 20th, 1913, granting preliminary authorization for the construction of sewers in Catalpa avenue and Sedgwick street between the limits named.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby rescinds the resolution adopted by said Board on November 20, 1913, granting preliminary authorization for constructing a sewer and appurtenances in Catalpa avenue, from Fresh Pond road to Chaffee street, and in Sedgwick street, from Catalpa avenue to Hughes street, Second Ward of the Borough of Queens.

Which was adopted by the following vote:

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

The Secretary presented resolutions adopted by Local Boards in the Borough of Queens initiating proceedings for the following local improvements; and reports thereon by the Chief Engineer:

Regulating and Grading Irving Avenue, From the Brooklyn Borough Line to Moffatt Street, and Covert Street, From the Brooklyn Borough Line to Irving Avenue, Borough of Queens (Cal. No. 85).

Grading and Curbing Liberty Avenue From the Brooklyn Borough Line to Ocean Avenue, Borough of Queens (Cal. No. 86).

Which, on motion of the Comptroller, were laid over for two weeks (June 12, 1914).

Grading, Curbing and Flagging on the Westerly Side, Culver Place From Hunt Place to Lake Street, Borough of Queens (Cal. No. 87).

The Secretary presented a resolution adopted on January 23, 1914, by the Local Board of the Newtown District, Borough of Queens, initiating proceedings for this improvement; and the following report of the Chief Engineer:

Report No. 13828. May 21, 1914.

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 Newtown District, Borough of Queens, adopted on January 23, 1914, initiating proceedings for grading and curbing and for flagging on the westerly side Culver place, from Hunt place to Lake street.

This resolution affects one block or a little less than 400 feet of Culver place, which the Corporation Counsel advises is dedicated to public use. The roadway is approximately graded and the property abutting on the westerly side is partially improved. The entire easterly frontage is occupied by a public park.

The work is estimated to cost about $1,700, and the assessed valuation of the property to be benefited is $40,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The President of the Borough of Queens offered the following:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 23rd day of January, 1914, and approved by the President of the Borough of Queens on the 2nd day of February, 1914, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading and curbing Culver place (Linden street), from Hunt place (Park street) to Lake street, and laying sidewalks (where not already laid to grade and in good condition) on the west side of Culver place (Linden street), from Hunt place (Park place) to Lake street, and all work incidental thereto, 2d Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

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

Grading, Curbing and Flagging on the Northerly Side, Lake Street From Louona Avenue to Alburtis Avenue, Borough of Queens (Cal. No. 88).

The Secretary presented a resolution adopted on December 13, 1912, by the Local Board of the Newtown District, Borough of Queens, initiating proceedings for this improvement; and the following report of the Chief Engineer:

Report No. 13827. May 21, 1914.

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 Newtown District, Borough of Queens, adopted on December 13, 1912, initiating proceedings for grading and curbing and for flagging on the northerly side Lake street, from Louona avenue to Alburtis avenue.

This resolution affects one block or about 400 feet of Lake street, which the Corporation Counsel advises is dedicated to public use. The roadway is approximately graded and the property abutting on the northerly side is partially improved. The entire frontage on the southerly side is occupied by a public park.

The work is estimated to cost about $2,200, and the assessed valuation of the property to be benefited is $15,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The President of the Borough of Queens offered the following:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 13th day of December, 1912, and approved by the President of the Borough of Queens on the 12th day of January, 1914, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, curbing and laying crosswalks in Lake street, from Louona (Grand) avenue to Alburtis (Sycamore) avenue, and laying sidewalks (where not already laid to grade and in good condition) on the northerly side of Lake street from Louona avenue to Alburtis avenue and all work incidental thereto, 2d Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

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

The Secretary presented resolutions adopted by Local Boards in the Borough of Queens initiating proceedings for the following local improvements; and reports thereon by the Chief Engineer:

Regulating and Grading North Morris Avenue From Fulton Place to Jamaica Avenue, Borough of Queens (Cal. No. 89).

Paving Ditmars Avenue From 2d Avenue to Crescent Street, Borough of Queens (Cal. No. 90).

Which, on motion of the Comptroller, were laid over for two weeks (June 12, 1914).

Borough of Richmond.

The Secretary presented resolutions adopted by the Local Board of the Staten Island District, Borough of Richmond, initiating proceedings for the following local improvements; and reports thereon by the Chief Engineer.

Temporary Sanitary Sewer in St. Marys Avenue, From Reynolds Street to a Point About 130 Feet Southwesterly Therefrom, Borough of Richmond (Cal No. 91).

Modification of Drainage Plan for This Sewer (Cal. No. 91).

Combined Sewer in Cotton Street, From Arrietta Street to Griffin Street, Borough of Richmond (Cal. No. 92).

Approval of Drainage Plan for This Sewer (Cal. No. 92).

Which, on motion of the Comptroller, were laid over for two weeks (June 12, 1914).

Final Authorization.

Borough of Manhattan.

The Secretary presented a report of the Chief Engineer of the Board recommending the final authorization of the following local improvements in the Borough of Manhattan:

Paving, Curbing and Recurbing West 177th Street, From Audubon Avenue to St. Nicholas Avenue, Manhattan (Cal. No. 93).

Regrading, Curbing, Recurbing, Flagging, Reflagging and Paving East 37th Street, From the Bulkhead Line of the East River to a Point About 160 Feet Westerly Therefrom, Manhattan (Cal. No. 94).

Reconstructing the Sewer in West 111th Street, From Manhattan Avenue to 8th Avenue, Manhattan (Cal. No. 95).

On motion of the Comptroller the foregoing matters (Cal. Nos. 93 to 95) were laid over for two weeks (June 12, 1914).

Borough of Brooklyn.

The Secretary presented a report of the Chief Engineer of the Board recommending the final authorization of the following local improvements in the Borough of Brooklyn:

Regulating and Grading East 35th Street, From Avenue I to Avenue J, Brooklyn.

Vesting Title to East 35th Street, From the Northerly Line of Avenue I to Flatbush Avenue, Brooklyn (Cal. No. 96).

Regulating and Grading Williams Avenue, From Louisiana Avenue to Hegeman Avenue, Brooklyn (Cal. No. 97).

Regulating and Grading Bay 31st Street, From Cropsey Avenue to 86th Street, Brooklyn (Cal. No. 98).

Paving East 14th Street, From Avenue N to Avenue O, Brooklyn (Cal. No. 99).

Paving Crown Street, From Nostrand Avenue to New York Avenue, Brooklyn (Cal. No. 100).

Paving Crown Street, From Bedford Avenue to Rogers Avenue, Brooklyn (Cal. No. 101).

Regulating and Grading Rutland Road, From Albany Avenue to Troy Avenue, Brooklyn (Cal. No. 102).

Paving East 35th Street, From Avenue I to Avenue J, Brooklyn (Cal. No. 103).

Paving 78th Street, From 4th Avenue to 5th Avenue, Brooklyn (Cal. No. 104).

Paving East 29th Street, From Clarendon Road to Canarsie Lane, Brooklyn (Cal. No. 105).

Regulating, Grading and Paving Sunnyside Avenue, From Barbey Street to Highland Park, Brooklyn (Cal. No. 106).

Sewer in East 7th Street, From Ditmas Avenue to 18th Avenue, Brooklyn (Cal. No. 107).

Sanitary and Storm Water Sewers in East 12th Street, From Avenue R to Avenue S; Avenue S, From East 12th Street to Coney Island Avenue, Brooklyn (Cal. No. 108).

Sewer in West 30th Street, From Surf Avenue to a Point About 360 Feet Southerly Therefrom, Brooklyn (Cal. No. 109).

Curbing 51st Street, From 11th Avenue to 12th Avenue, Brooklyn (Cal. No. 110).

Regulating and Grading Herzl (Ames) Street, From Livonia Avenue to Riverdale Avenue, Brooklyn (Cal. No. 111).

Paving East 34th Street, From Church Avenue to Linden Avenue, Brooklyn (Cal. No. 112).

Paving 72d Street, From 6th Avenue to 8th Avenue, Brooklyn (Cal. No. 113).

Paving New York Avenue, From Tilden Avenue to Snyder Avenue, Brooklyn (Cal. No. 114).

Regulating and Grading Canarsie Lane, From Nostrand Avenue to New York Avenue, Brooklyn.
Vesting Title to Canarsie Lane, From Nostrand Avenue to New York Avenue, Brooklyn (Cal. No. 115).

Regulating and Grading Erasmus Street, From Bedford Avenue to Rogers Avenue, Brooklyn (Cal. No. 116).

Paving 37th Street, From Fort Hamilton Parkway to 14th Avenue, Brooklyn (Cal. No. 117).

Curbing New York Avenue From Montgomery Street to Malbone Street, and Paving This Street From Crown Street to Malbone Street, Brooklyn (Cal. No. 118).

Regulating, Grading and Paving Belmont Avenue From Powell Street to Junius Street, Brooklyn.
Vesting Title to Belmont Avenue, From Powell Street to Junius Street, Brooklyn (Cal. No. 119).

On motion of the Comptroller the foregoing matters (Cal. Nos. 96 to 119) were laid over for two weeks (June 12, 1914).

Borough of The Bronx.

The Secretary presented a report of the Chief Engineer of the Board recommending the final authorization of the following local improvements in the Borough of The Bronx:

Regulating and Grading Davidson Avenue, From Evelyn Place to a Point About 435 Feet North of West 180th Street, The Bronx (Cal. No. 120).

Paving and Adjusting Curbing in East 151st Street, From Prospect Avenue to Jackson Avenue, The Bronx (Cal. No. 121).

Paving and Curbing East 181st Street, From Mapes Avenue to Southern Boulevard, The Bronx (Cal. No. 122).

Sewers in Wood Avenue, From White Plains Road to Storrow Street; Gray Street, From McGraw Avenue to Archer Street, The Bronx, Cal. No. 123).

Sewer in Glover Street, From Lyon Avenue to St. Raymond Avenue, The Bronx (Cal. No. 124).

On motion of the Comptroller the foregoing matters (Cal. Nos. 120 to 124) were laid over for two weeks (June 12, 1914).

Borough of Queens.

The Secretary presented a report of the Chief Engineer of the Board recommending the final authorization of the following local improvement in the Borough of Queens:

Temporary Drain Through an Easement Extending From a Point in Roxboro Avenue Near 20th Street to a Point in Fletcher Avenue About 200 Feet East of 4th Avenue; Thence Through Fletcher Avenue to the Intersection With Chesterfield Boulevard; and Through Chesterfield Boulevard From Fletcher Avenue to Powell's Cove, at Malba, Queens (Cal. No. 125).

On motion of the Comptroller the matter was laid over for two weeks (June 12, 1914).

The Secretary presented the following report of the Chief Engineer relating to Cal Nos. 126 and 127:

Report No. 13842. May 25, 1914.

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

Sir—Herewith are transmitted communications from the President of the Borough of Queens, advising that all of the conditions which it is the practice of the Board to impose prior to the final authorization of local improvements have been complied with in the matter of the following.

1. Grading and curbing, and flagging on the westerly side, Culver place, from Hunt place to Lake street.

The Borough President states that the time to be allowed for the completion of this improvement is 20 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 700 cubic yards excavation; 600 cubic yards filling (excess); 770 linear feet cement curbing; 1,800 square feet cement sidewalk. The cost of the improvement is estimated to be $1,600.

2. Grading and curbing and flagging on the northerly side, Lake street, from Louona avenue to Alburtis avenue.

The Borough President states that the time to be allowed for the completion of this improvement is 30 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 2,350 cubic yards filling; 850 linear feet curbing; 2,200 square feet cement sidewalk. The cost of the improvement is now estimated to be $2,200.

Reports recommending the preliminary authorization of these improvements have already been prepared and are now before the Board for consideration. Assuming that they will meet with approval, there seems to be no reason to prevent the final authorization now requested, and such action is recommended.

Respectfully, NELSON P. LEWIS, Chief Engineer.

Grading, Curbing and Flagging on the Westerly Side, Culver Place, From Hunt Place to Lake Street, Queens (Cal. No. 126).

The President of the Borough of Queens offered the following:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 23d day of January, 1914, and approved by the President of the Borough of Queens on the 2nd day of February, 1914, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit,

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading and curbing Culver place (Linden street) from Hunt place (Park street) to Lake street, and laying sidewalks (where not already laid to grade and in good condition) on the west side of Culver place (Linden street) from Hunt place (Park place) to Lake street, and all work incidental thereto, 2d Ward of the Borough of Queens."

—and thereupon, on the 28th day of May, 1914, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,600, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $40,000, having also been presented; it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

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

Grading, Curbing and Flagging on the Northerly Side, Lake Street, From Louona Avenue to Alburtis Avenue, Queens (Cal. No. 127).

The President of the Borough of Queens offered the following:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 13th day of December, 1912, and approved by the President of the Borough of Queens on the 12th day of January, 1914, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, curbing and laying crosswalks in Lake street, from Louona (Grand) avenue to Alburtis (Sycamore) avenue, and laying sidewalks (where not already laid to grade and in good condition) on the northerly side of Lake street, from Louona avenue to Alburtis avenue, and all work incidental thereto, 2d Ward of the Borough of Queens."

—and thereupon, on the 28th day of May, 1914, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,200, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $15,000, having also been presented; it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

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

The Secretary presented a report of the Chief Engineer of the Board recommending the final authorization of the following local improvements in the Borough of Queens:

Flagging Myrtle Avenue, From the Brooklyn Borough Line to McComb Place, Queens (Cal. No. 128).

Grading the Sidewalk Spaces and Flagging Thedford Avenue, From Chichester Avenue to Kimball Avenue, Queens (Cal. No. 129).

On motion of the Comptroller these matters (Cal. Nos. 128 and 129) were laid over for two weeks (June 12, 1914).

Borough of Richmond.

The Secretary presented a report of the Chief Engineer of the Board recommending the final authorization of the following local improvement in the Borough of Richmond:

Temporary Combined Sewer in John (Knox) Street, From a Point About 100 Feet South of Richmond Terrace to a Point About 165 Feet North of Franklin Street; Through an Easement Located About 165 Feet North of Franklin Street and Extending From Knox Street to Broadway; Together With a Storm Water Overflow Across Broadway to the Existing Culvert at a Point About 340 Feet South of Richmond Terrace, Richmond.

Vesting Title to the Sewer Easement Located About 165 Feet North of Franklin Street and Extending From Knox Street to Broadway, Richmond (Cal. No. 130).

On motion of the Comptroller the matter was laid over for two weeks (June 12, 1914).

COMMUNICATIONS, PETITIONS, ETC.

Department of Docks and Ferries—Reconsideration of Legislation Affecting the Brooklyn Water-Front (Cal. No. 131).

The Secretary presented a communication from the Counsel to the Governor of the State of New York, dated May 6, 1914, referring to the resolution adopted by the Board on May 1, 1914, requesting reconsideration of legislation affecting the Brooklyn water-front situation.

Which was ordered on file.

In the Matter of the Assessment for Acquiring Title to Montague Street, Between Court Street and the Bulkhead Line, Borough of Brooklyn (Cal. No. 132).

(The proceeding for acquiring title to Montague street between Court street and the bulkhead line was authorized by the Board at the meeting held on May 1, 1914 (Cal. No. 7), and the cost was assessed upon a local area deemed to be benefited by the improvement.)

The Secretary presented a communication from the Secretary of the Brooklyn League, dated May 23, 1914, containing copy of a resolution adopted by said organization on May 21, 1914, as follows:

"Inasmuch as the object of the City in acquiring the fee to Montague street is for the sole purpose of benefiting the new subway construction, the expenses of the proceeding should be on the City at large."

On motion the communication was ordered filed; and the President of the Borough of Brooklyn was requested to reply on behalf of the Board and state the real situation in regard to this street.

Widening Sutphin Road, and Acquiring Title to Archer Street, Between Van Wyck Avenue and Ezra Street, Borough of Queens (Cal. No. 133).

The Secretary presented a communication dated April 25, 1914, from the Secretary of the Jamaica Citizens' Association presenting a resolution requesting that the Long Island Railroad Company be compelled to deed the streets included in its agreement which are to be traversed by the Manhattan and Queens Traction Company's railroad, and also requesting action in the matter of widening Sutphin road, Borough of Queens.

(It is understood that the former request more particularly relates to Archer street, a proceeding for acquiring title to which is now awaiting consideration by the Board and which it is understood will be brought up for consideration as soon as a policy is determined upon in the matter of advancing proceedings of this character.)

(A report upon the map laying out Sutphin road was submitted by the Committee on City Plan at the meeting held on May 22, 1914, and, in so far as it relates to the section south of Jamaica avenue, is to be made the subject of a hearing on June 12, 1914.)

Mr. Robert L. O'Brien appeared and objected to the resolution of the Jamaica Citizens' Association being filed and requested that it be considered in connection with the proposed acquisition of title to Archer street.

On motion the Chief Engineer of the Board was directed to report in one week (June 5, 1914) on the opening of Archer street.

Proposed Discontinuance of the Proceeding for Acquiring Title to Hull Avenue From Montgomery Avenue to Muller Avenue, Borough of Queens (Cal. No. 134).

(A proceeding for acquiring title to Hull avenue from Montgomery avenue to Muller avenue, excluding the section between Broad street and old Berlin avenue, was authorized under a resolution adopted by the Board on June 9, 1905, and amended on September 24, 1909, and June 19, 1913.)

The Secretary presented a communication from Messrs. Guggenheimer, Untermeyer and Marshall, dated May 19, 1914, stating that the matter of discontinuing this proceeding was being considered by the President of the Borough of Queens, and requesting the Board to notify the Bureau of Street Openings to suspend any further action in the matter, which is now pending before the Commissioners of Estimate and Assessment for final report, until the subject of the proposed discontinuance of the proceeding has been passed upon by the Borough President.

On motion the matter was referred to the President of the Borough of Queens.

Sheriff, Register, County Clerk and Surrogates of New York County—Allotment of Space in the Hall of Records (Cal. No. 135).

The Secretary presented a communication from the Sheriff of New York County, dated May 18, 1914, enclosing copy of opinion rendered by A. S. Gilbert, Esq., Counsel to the Sheriff, regarding the application made for the allotment of space for the use of the Sheriff on the ground floor of the Hall of Records Building, Borough of Manhattan, which allotment has been objected to by the Register, County Clerk and Surrogates of New York County, on the ground that any vacant space in the building can be allotted to them only. Mr. Gilbert advises the Sheriff that space in this building can be allotted to any County office if so ordained by the Board of Estimate and Apportionment.

On April 3, 1914 (Cal. No. 2), a communication from the Commissioner of Bridges, transmitting the request of the Sheriff of New York County for the designation of space in the Hall of Records Building or in the Municipal Building, was referred to the Comptroller.

On May 22, 1914 (Cal. No. 39), a communication from the Surrogates of New York County, relative to the allotment of additional space in the Hall of Records, for the use of the Surrogates Court, etc., was also referred to the Comptroller.

Which was referred to the Comptroller.

Department of Education; Brooklyn Public Library—Acquisition of Property (Cal. No. 136).

The Secretary presented a communication from the Twenty-eighth Ward Taxpayers' Protective Association of Brooklyn, dated May 28, 1914, enclosing a copy of resolution adopted by said association on May 20, 1914, petitioning the Board to acquire at a cost not exceeding $50,000 all that vacant property lying between Knickerbocker and Irving avenues, in the Borough of Brooklyn, situate southwest of the centre line of Woodbine street and Palmetto street, for an agricultural and horticultural field for the Bushwick High School, and as a site for a Public Library, or for such other purpose as may be deemed advisable.

Which was referred to the Committee on Corporate Stock Budget, upon request of the Comptroller.

Transfer of Jurisdiction Over a Triangular Area of Van Cortlandt Park, in the Proceeding for Widening Jerome Avenue on Its Westerly Side Opposite the Junction with Woodlawn Road, Borough of The Bronx (Cal. No. 137).

The Secretary presented a communication from the President of the Borough of The Bronx, dated May 11, 1914, requesting that provision be made for transferring jurisdiction over a small triangular parcel acquired as a part of Van Cortlandt Park but now needed for the widening of Jerome avenue on its westerly side opposite the junction with Woodlawn road, from the Commissioner of Parks to the Borough President.

(At the meeting of the Board held on April 17, 1914, a plan was approved providing for improving the alignment of Jerome avenue by including within the street area about 0.3 acre of property which fell within the park limits. It was then understood that the approval of the map would be followed by a request to the Commissioners of the Sinking Fund for a transfer of jurisdiction as now suggested.)

On motion the matter was referred to the Commissioners of the Sinking Fund to effect the proposed transfer.

Department of Parks, Borough of Brooklyn—Issue of Corporate Stock (Cal. No. 138).

The Secretary presented a communication from the Commissioner of Parks, Borough of Brooklyn, dated May 23, 1914, requesting the issue of $18,480 corporate stock for the purpose of constructing eight timber groynes along the beach front of Seaside Park and the Concourse lands, Coney Island, and for engineering and inspection work.

Which was referred to the Committee on Corporate Stock Budget.

Department of Bridges—Issue of Corporate Stock (Cal. No. 139).

The Secretary presented a communication from the Commissioner of Bridges, dated May 22, 1914, requesting an additional issue of corporate stock to the amount of $106,948.50 for the payment of salaries and wages chargeable to construction and for the payment of transportation, chargeable to construction.

Which was referred to the Committee on Corporate Stock Budget.

Department of Bridges—Retirement of Bernard G. Lingeman, Draftsman (Cal. No. 140).

The Secretary presented a communication from the Commissioner of Bridges, dated May 21, 1914, transmitting application of Bernard G. Lingeman, Draftsman in the employ of the Bridge Department, for retirement, pursuant to chapter 669 of the Laws of 1911, as amended, and recommending that favorable action be taken by the Board upon this application.

Which was referred to the Committee on Salaries and Grades.

FIXING DATES FOR FUTURE HEARINGS.

On Changes in the City Map.

Borough of Brooklyn.

Changing the Grade of East 14th Street Between Avenue L and Avenue O, and the Grade of Avenue M Between East 13th Street and East 15th Street, Borough of Brooklyn (Cal. No. 141).

The Secretary presented a communication from the Commissioner of Public Works, Borough of Brooklyn, dated May 1, 1914, transmitting map showing the proposed change, and the following report of the Chief Engineer of the Board:

Report No. 13802. May 16, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of Brooklyn, bearing date of May 1, 1914, requesting the approval of a map showing a change in the grade of East 14th street, from Avenue L to Avenue O, and of Avenue M, from East 13th street to East 15th street.

The modifications in the grade of East 14th street shown on this plan include provision for changing the location of a summit fixed between Avenue O and Avenue N, for lowering the grade at the Avenue N intersection 0.55 feet to conform with the elevation to which that street has been paved, and for adjustments required in the section between Elm avenue and Avenue L in order to conform as closely as practicable with existing improvements and at the same time permit of the construction of sewers.

The Avenue M grade changes in addition to the one at the East 14th street intersection also include an adjustment at the Liberty street intersection, where a grade has not heretofore been established. The maximum change appears to be about 2.4 feet.

I am informed that the grading improvement recently authorized for East 14th street in the section between Elm avenue and Avenue O has been made to conform with the elevations shown upon this plan, and that its adoption will not involve damage to buildings.

I see no reason why the map should not be approved, and would recommend such action after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the grades of East 14th street from Avenue L to Avenue N, and of Avenue M from East 13th street to East 15th street, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated April 27, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

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

Changing the Map of the Territory Bounded by Jamaica Bay, Atkins Avenue and Its Prolongation, Cozine Avenue, Grant Avenue, Stanley Avenue and the Borough Line, Borough of Brooklyn (Cal. No. 142).

The Secretary presented a communication from the Commissioner of Public Works, Borough of Brooklyn, dated May 1, 1914, transmitting map showing the proposed change, and the following report of the Chief Engineer of the Board:

Report No. 13803. May 16, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of Brooklyn, bearing date of May 1, 1914, requesting the approval of a map showing a change in the City Plan for the territory bounded by Jamaica Bay, Atkins avenue and its prolongation, Cozine avenue, Grant avenue, Stanley avenue and the Borough line.

Early in the present year a map was adopted by the Board making provision for radically readjusting the street plan of the territory north of Cozine avenue adjoining the section now under consideration, at which time it was pointed out that the Spring Creek Basin as originally shown upon the map of the former City of Brooklyn occupied a position entirely inconsistent with that recently fixed by the Secretary of War, and that the recognition of the determination reached in this particular by the Federal authorities required a recasting of the street layout of the locality.

The map now submitted completes the changes due to the position now assigned to the basin and makes provision for adjusting the street system heretofore determined upon, and for laying out a street system for a large additional area in conformity, in so far as practicable, with the new position of the waterway. In making the adjustments, however, it has been found desirable to indicate certain changes in the basin layout, these including provision for locating the head of the basin about 300 feet south of that shown on the War Department map and for giving that portion of its length north of the first angle point a position distant about 100 feet west of the one which has been legalized.

The approval of the plan will have the effect of modifying the treatment heretofore indicated for Fountain avenue, Euclid avenue, Cozine avenue, Vandalia avenue and Fairfield avenue, by discontinuing Pine street and Euclid avenue, by giving Fountain avenue a position coinciding in alignment with that heretofore fixed in the adjoining section north of Cozine avenue, by increasing the width of Fairfield avenue to 100 feet, and by modifying the position of Vandalia avenue to coincide with the alignment given it west of Montauk avenue. The width now assigned to Fairfield avenue appears to be based upon the important position which it will occupy, inasmuch as it will serve as the continuation of Flatlands avenue and will traverse or closely adjoin the head of all of the Jamaica Bay Basins. It is also proposed to give Fountain avenue a width of 100 feet to harmonize with that fixed through the adjoining section, which treatment appears to be a reasonable one as the street adjoins the Spring Creek Basin on the west and will serve as a traffic artery for the locality.

I am informally advised that the President of the Borough of Queens is now preparing a map providing for modifying the street plan heretofore adopted for the adjoining area in this borough to conform with the general treatment of the streets as proposed in the Borough of Brooklyn.

The Board is also informed that the proposed changes in the bulkhead line of the Spring Creek Basin are to be shown upon a comprehensive plan which will include all of the other modifications proposed in the lines of the basins tributary to Jamaica Bay, in order that their legalization may be made the subject of a single application to the Secretary of War, and that it has been deemed advisable to defer the fixing of street grades until such time as a study of the drainage plan of the district is taken up.

In my judgment the plan is a proper one and its approval is recommended after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

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 street system heretofore laid out, and laying out new streets within the territory bounded by Jamaica Bay, the prolongation of Atkins avenue, Atkins avenue, Cozine avenue, Grant avenue, Stanley avenue and the Borough Line, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated April 30, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the President of the Borough of Manhattan, the Acting President of

the Borough of Brooklyn and the Presidents of the Boroughs of The Bronx, Queens and Richmond—16.

Borough of The Bronx.

Changing the Grade of the Street System Within the Territory Bounded by Westchester Creek, Watson Avenue, Zerega Avenue, Westchester Avenue and Fort Schuyler Road, Borough of The Bronx (Cal. No. 143).

The Secretary presented a communication from the Commissioner of Public Works, Borough of The Bronx, dated July 14, 1913, transmitting map showing the proposed change; and the following report of the Chief Engineer of the Board:

Report No. 13826. May 21, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of The Bronx, bearing date of July 14, 1913, requesting the approval of a map showing changes proposed in the grade of the street system within the territory bounded by Westchester Creek, Watson avenue, Zerega avenue, Westchester avenue and Fort Schuyler road.

These changes provide for raising the grade of a number of streets as required in order to secure sufficient covering over the proposed sewers. The maximum change is located near the intersection of Commerce avenue with Seabury avenue, where the elevation is to be raised 2.7 feet. Most of the remaining changes are of a comparatively minor character.

Westchester avenue has been paved and a grading improvement is now being carried out in Zerega avenue, the grade of both of which streets will remain undisturbed. Three old highways are in use within the area north of Wellington avenue and west of Seabury avenue, these serving as frontage for a few buildings most of which encroach upon the lines of proposed streets. The remaining territory is unimproved, and the land is generally low and swampy.

I see no reason why the map should not be approved, and would recommend such action after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grades of the street system within the territory bounded by Westchester Creek, Watson avenue, Zerega avenue, Westchester avenue and Fort Schuyler road, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated July 10, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

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

Changing the Easterly Line of Whitlock Avenue Opposite Its Intersection With Aldus Street, Borough of The Bronx (Cal. No. 144).

The Secretary presented a communication from the Commissioner of Public Works, Borough of The Bronx, dated August 27, 1913, transmitting map showing the proposed change; and the following report of the Chief Engineer of the Board:

Report No. 13804. May 22, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of The Bronx, bearing date of August 27, 1913, requesting the approval of a map showing a change in the easterly line of Whitlock avenue, opposite Aldus street.

At the meeting of the Board of Estimate and Apportionment held on July 11, 1912, a map was adopted providing for increasing the width of Whitlock avenue, between East 165th street and Aldus street, from 80 feet to 120 feet, the widening being desired in order to permit of the construction of the Westchester avenue subway, which here passes from tunnel to an elevated structure. In reporting upon this plan attention was called to the desirability of removing the abrupt offset of 20 feet which was indicated at what originally was laid out as the northerly line of Whittier street, which street had been removed from the City Plan.

The map now submitted is intended to remove this objection by flaring the narrow section to meet the wider one. It is understood that this flare falls wholly within the lines of old Whittier street, and that title to it is now in the City.

The plan appears to meet the criticism made by your Engineer and I see no reason why it should not be approved, such action being recommend after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by widening Whitlock avenue on the easterly side opposite Aldus street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated August 26, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

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

Borough of Queens.

Changing the Lines of Richard Avenue Between Edsall Avenue and Central Avenue, Borough of Queens (Cal. No. 145).

The Secretary presented a communication from the Secretary to the President of the Borough of Queens, dated February 3, 1914, transmitting map showing the proposed change; and the following report of the Chief Engineer of the Board:

Report No. 13798. May 15, 1914.

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

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens bearing date of February 3, 1914, requesting the approval of a map showing a change proposed in the lines of Richard avenue, between Edsall avenue and Central avenue.

This change relates to one long block of Richard avenue which, as heretofore mapped, was intended to have a width of 60 feet. It now appears that the street has been approximately graded and that a large number of buildings have been erected upon the abutting property, all of which improvements have been made to conform with a street width of 59 feet. The object sought under the plan is to recognize this width, thereby avoiding damage to buildings.

I see no reason why the map should not be approved and would recommend such action after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines of Richard avenue (decreasing the width from 60 feet to 59 feet), between Edsall avenue and Central avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated January 26, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

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

Changing the Lines and Grades of the Street System Within the Territory Bounded by Remsen Street, Tisdale Street, Stevens Street, Franklin Street, Remsen Street and Main Street, Borough of Queens (Cal. No. 146).

The Secretary presented a communication from the Secretary to the President of the Borough of Queens, dated February 3, 1914, transmitting map showing the proposed change; and the following report of the Chief Engineer of the Board:

Report No. 13797. May 15, 1914.

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

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens bearing date of February 3, 1914, requesting the approval of a map showing a change proposed in the lines and grades of the street system within the territory bounded by Remsen street, Tisdale street, Stevens street, Franklin street, Remsen street, Trowbridge street, Willow street, Franklin street and Main street, in the 1st Ward.

This map makes provision for changing the lines of Franklin street through the two blocks between Remsen street and Willow street in such a way as to make them harmonize with those to which the street appears to have been dedicated to public use. It also includes a general readjustment of street grades within the territory and as required in order to legalize the elevation to which the streets have been improved, the improvements in nearly every instance including the laying of an asphalt pavement.

I see no reason why the map should not be adopted and would recommend such action after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

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 terrtiory bounded by Remsen street, Tisdale street, Stevens street, Franklin street, Remsen street, Trowbridge street, Willow street, Franklin street, and Main street, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated January 9, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

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

Changing the Lines and Grades of the Street System Within the Territory Bounded by North William Street, Willow Street, North Washington Place and Van Alst Avenue, Together With a Change in the Grade of Trowbridge Street Between Woolsey Street and Willow Street, Borough of Queens (Cal. No. 147).

The Secretary presented a communication from the Commissioner of Public Works of the Borough of Queens, dated August 2, 1913, transmitting map showing the proposed change; and the following report of the Chief Engineer of the Board:

Report No. 13796. May 15, 1914.

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

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of Queens, bearing date of August 2, 1913, requesting the approval of a map showing a change proposed in the lines and grades of the street system within the territory bounded by North William street, Willow street, North Washington place and Van Alst avenue, together with a change in the grade of Trowbridge street between Woolsey street and Willow street.

This plan more particularly relates to the block of Trowbridge street, between Willow street and Van Alst avenue, which street, as originally laid out, was intended to have a width of 60 feet and an alignment approximately coinciding with that fixed for adjoining sections on the west. Several years ago the regulating and grading of Trowbridge street through this block was authorized by the Board of Estimate and Apportionment, with the understanding that the street had been dedicated to public use. It now appears that the dedication related to an old street having a width of 40 feet and a position differing slightly with that assigned to Trowbridge street on the map. The abutting property is very largely built up and most of the buildings have been erected along the lines now proposed, these evidently being intended to coincide with those to which it has been dedicated. In view of the fact that the alignment now planned is inconsistent with that fixed for the remaining length of the street and that the expense of widening would be greater than could be assessed upon the abutting property, I believe that the change may properly be approved.

The plan also includes provision for adjusting the grade of Willow street and Van Alst avenue at the Trowbridge street intersection in such a way as to legalize the elevation to which both of them have been graded.

I would recommend the approval of the plan after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

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 North William street, Willow street, North Washington place and Van Alst avenue; and changing the grade of Trowbridge street between Woolsey street and Willow street in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated May 29, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

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

Changing the Lines and Grades of Milton Street From Flushing Avenue to Frederick Street, Borough of Queens (Cal. No. 148).

The Secretary presented a communication from the Secretary to the President of the Borough of Queens, dated June 11, 1913, transmitting map showing the proposed change; and the following report of the Chief Engineer of the Board:

Report No. 13825. May 21, 1914.

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

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens, bearing date of June 11th, 1913, requesting the approval of a map showing a change proposed in the lines and grades of Milton street between Flushing avenue and Frederick street.

Milton street as originally mapped was intended to include within its lines an old street which crosses the Bushwick Branch of the Long Island Railroad at a point in close proximity to Flushing avenue. For the evident purpose of avoiding the construction of a bridge to separate the grade of the street from that of the railroad at this intersection, the final map of the section as approved on December 15th, 1910, was based on deflecting the street abruptly at the railroad right of way and here giving it a position immediately adjoining the railroad. At a subsequent date a proceeding was instituted for acquiring title to the street.

The Board is now informed that the property owners object to the abandonment of the old lines and to the necessity which would be imposed upon them of paying for the undedicated area which, under the later plan, it would be necessary to acquire in order to secure an outlet into Flushing avenue. It is therefore proposed to restore approximately the original lines and to fix a grade at the crossing approximately identical with that of the present tracks, it being assumed that the railroad will here ultimately be elevated. An inspection of the ground shows that the street has been approximately graded, and that the railroad crossing is in use and is protected by gates.

While the approval of the plan will add to the expense of the grade crossing elimination at this point, the carrying out of which will have to be undertaken simultaneously with the similar improvement proposed for Flushing avenue, I believe that the existing development, together with the more rational lines now proposed for the street, will justify the approval of the plan.

In order to avoid the necessity of applying to the Public Service Commission for a ratification of the plan and the carrying out of the bridge construction which will ultimately be required but which is deemed premature at this time, the map has been so prepared that it excludes the area within the railroad right of way.

I see no reason why the map should not be approved, and would recommend such action after a public hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

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 Furman avenue, Frederick street, Creek street and Flushing avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated May 31, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Which was adopted by the following vote:

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

Changing the Lines and Grades of the Street System Within the Territory Bounded by North Henry Street, Flushing Avenue, Carver Street and Newtown Avenue, Borough of Queens (Cal. No. 149).

The Secretary presented a communication from the Secretary to the President of the Borough of Queens, dated November 14, 1913, transmitting map showing the proposed change; and the following report of the Chief Engineer of the Board:

Report No. 13799. May 15, 1914.

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

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens bearing date of November 14, 1913, requesting the approval of a map showing a change proposed in the lines and grades of the street system within the territory bounded by North Henry street, Flushing avenue, Carver street and Newtown avenue.

This change makes provision for laying out Aurelia place with a width of 37 feet and extending from Newtown avenue to Flushing avenue, together with a slight adjustment in the angles formed at the various street intersections located within the territory. Aurelia place is intended to absorb within its lines an old road known as Isabella place, which extends from Flushing avenue to a point distant about 100 feet north of Newtown avenue. The old street has been approximately graded and serves as frontage for about 13 buildings.

The proposed extension to Newtown avenue will damage two buildings which are assessed upon the books of the Tax Department as having an aggregate value of $5,800. The proposed block depth on the westerly side is to be about 240 feet, while on the easterly side the depth will be about 160 feet. From such information as has been furnished by the Borough President it would appear that the street width can be increased to at least 45 feet by widening it on its westerly side with damage to only two additional buildings, these having an aggregate assessed valuation of $1,500.

In my judgment the width shown on the plan is inadequate, and in view of the fact that it could be increased without involving serious injury to the abutting property, I would recommend that the plan be referred back to the Borough President for amendment by increasing the width to at least 45 feet.

Respectfully, NELSON P. LEWIS, Chief Engineer.

On motion the matter was referred back to the President of the Borough of Queens.

Areas of Assessment for Benefit in Condemnation Proceedings.

Borough of Brooklyn.

Amending the Proceeding for Acquiring Title to Fanchon Place From Jamaica Avenue to Highland Boulevard, Borough of Brooklyn (Cal. No. 150).

The Secretary presented the following report of the Chief Engineer of the Board:

Report No. 13748. May 22, 1914.

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

Sir—At a meeting of the Board of Estimate and Apportionment held on May 8, 1908, a proceeding was instituted for acquiring title to Fanchon place, from Jamaica avenue to Highland boulevard, in the Borough of Brooklyn. The oaths of the Commissioners of Estimate and Assessment were filed on June 8 of the following year, and on November 19, 1913, the proceeding was confirmed with the exception of one parcel which was occupied by a car barn owned by the Brooklyn, Queens County and Suburban Railroad Company. It was thought that this structure constituted an illegal encroachment upon land which had been dedicated to public use, but the court refused to accept such a view and ordered that a substantial award be made for the land taken and also for the structure.

In the belief that the expense thus entailed would be out of all proportion to the accruing benefit, the Borough President later presented for consideration a map under which the street width in the block between Jamaica avenue and Bushwick avenue was decreased in such a way as to avoid the car barn, and this map was favored by the Board at its meeting held on May 1 of the current year. It will be necessary to make a corresponding modification in the opening proceeding under which this change will be recognized.

I would accordingly recommend that after a new public hearing has been given concerning a district of assessment, the position of the boundary lines of which are intended to be identical with those heretofore fixed, although the map change referred to will necessitate a slight change in the description, the opening proceeding be amended in such a way as to relate to Fanchon place, from Jamaica avenue to Highland boulevard, as now laid out.

I would also recommend that the Corporation Counsel be then requested to apply to the Supreme Court to have the jurisdiction of the Commissioners of Estimate and Assessment correspondingly modified.

The technical description for the amended district of assessment conforming with the requirements of the present City plan is herewith presented.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding authorized by said Board on May 8, 1908, for acquiring title to Fanchon place, from Jamaica avenue to Highland boulevard, Borough of Brooklyn, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment May 1, 1914, and approved by the Mayor May 19, 1914, on which the street width of said Fanchon place, between Bushwick avenue and Jamaica avenue, was decreased about one foot; the amendment now proposed providing for the acquisition of title to Fanchon place, from Jamaica avenue to Highland boulevard, as 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 following is the proposed district of assessment for benefit in this proposed amended proceeding:

Beginning at a point on the northwesterly line of Jamaica avenue where it is intersected by the prolongation of a line midway between Gillen place and Fanchon place, as these streets are laid out between Highland boulevard and Bushwick avenue, and running thence northwardly along the said line midway between Gillen place and Fanchon place and along the prolongations of the said line to a point distant 100 feet northerly from the northerly line of Highland boulevard, the said distance being measured at right angles to Highland boulevard; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Highland boulevard to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Fanchon place, the said distance being measured at right angles to Fanchon place; thence southwardly along the said line parallel with Fanchon place and along the prolongation of the said line to the intersection with the northwesterly line of Jamaica avenue; thence southeastwardly at right angles to Jamaica avenue to a point distant 100 feet southeasterly from its southeasterly side; thence southwestwardly and parallel with Jamaica avenue to the intersection with a line at right angles to Jamaica avenue and passing through the point of beginning; thence northwestwardly along the said line at right angles to Jamaica avenue to the point or place of beginning.

Resolved, That this Board consider the proposed district of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and in the corporation newspapers for ten days prior to the 26th day of June, 1914.

Which was adopted by the following vote:

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

Borough of The Bronx.

Amending the Proceeding for Acquiring Title to Turnbull Avenue, From White Plains Road to the Bulkhead Line of Westchester Creek; to Hermany Avenue, From White Plains Road to the Bulkhead Line of Westchester Creek; to Story Avenue, From White Plains Road to the Bulkhead Line of Westchester Creek; to Quimby Avenue, From White Plains Road to the Bulkhead Line of Westchester Creek; and to Houghton Avenue, From Bolton Avenue to the Bulkhead Line of Westchester Creek, Borough of The Bronx (Cal. No. 151).

The Secretary presented the following report of the Chief Engineer of the Board:

Report No. 13815. May 21st, 1914.

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 February 26th, 1909, a proceeding was instituted for acquiring title to the following streets in the Borough of The Bronx: Turnbull avenue, from White Plains road to the bulkhead line of Westchester Creek; Hermany avenue, from White Plains road to the bulkhead line of Westchester Creek; Story avenue, from White Plains road to the bulkhead line of Westchester Creek; Quimby avenue, from White Plains road to the bulkhead line of Westchester Creek; Houghton avenue, from Bolton avenue to the bulkhead line of Westchester Creek; and the oaths of the Commissioners of Estimate and Assessment in this proceeding were filed on April 29th, 1911.

On May 15th of the current year a map was approved under which Story avenue, Hermany avenue and Turnbull avenue were discontinued in the block between Zerega avenue and Westchester Creek, and it will be necessary to make a corresponding modification in the opening proceeding.

I would accordingly recommend that after a new public hearing has been given concerning a district of assessment identical in position and description with the one heretofore fixed, the opening proceeding be amended in such a way as to relate to Houghton avenue and to Quimby avenue, between the limits originally proposed, but to Story avenue, Hermany avenue and Turnbull avenue, from White Plains road to Zerega avenue only.

I would also recommend that the Corporation Counsel be then requested to apply to the Supreme Court to have the jurisdiction of the Commissioners of Estimate and Assessment correspondingly modified.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding authorized by said Board on February 26, 1909, for acquiring 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 the bulkhead line of Westchester Creek; Hermany avenue, from White Plains road to the bulkhead line of Westchester Creek; and Turnbull avenue, from White Plains road to the bulkhead line of Westchester Creek, Borough of The Bronx, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment May 15, 1914, in which Story avenue, Hermany avenue and Turnbull avenue are discontinued in the block between Zerega avenue and Westchester Creek; the amendment now proposed 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.

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 following is the proposed area of assessment for benefit in this proposed amended proceeding:

Beginning at the point on the westerly bulkhead line of Westchester Creek where it is intersected by a line midway between Ludlow avenue and Houghton avenue, and

running thence southwardly along the said bulkhead line of Westchester Creek to the intersection with the prolongation of a line midway between Turnbull avenue and Lafayette avenue as these streets are laid out westerly from Zerega avenue; thence westwardly along the said line midway between Turnbull avenue and Lafayette avenue, and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of White Plains road, the said distance being measured at right angles to the line of White Plains road; thence northwardly and always 100 feet westerly from and parallel with the westerly line of White Plains road to the intersection with the prolongation of a line midway between Houghton avenue and Quimby avenue; thence westwardly along the prolongation of the said line midway between Houghton avenue and Quimby avenue to the intersection with a line midway between Bolton avenue and Underhill avenue; thence northwardly along the said line midway between Bolton avenue and Underhill avenue to the intersection with the prolongation of a line midway between Ludlow avenue and Houghton avenue as these streets are laid out at White Plains road; thence eastwardly along a line always midway between Ludlow avenue and Houghton avenue, and along the prolongations of the said line to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 26th day of June, 1914.

Which was adopted by the following vote:

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

Amending the Proceeding for Acquiring Title to Mead Street, From Garfield Street to Unionport Road, Borough of The Bronx (Cal. No. 152).

The Secretary presented the following report of the Chief Engineer of the Board:

Report No. 13814. May 21, 1914.

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 25, 1913, a proceeding was instituted for acquiring title to Mead street, from Garfield street to Unionport road, in the Borough of The Bronx, but up to the present time the proceeding has not been materially advanced.

On May 15 of the current year a map was approved under which the width of this street was reduced from 60 feet to 50 feet, and it will be necessary to make a corresponding change in the opening proceeding.

I would accordingly recommend that after a new public hearing has been given concerning a district of assessment identical in description with the one heretofore fixed, although the position of some of the boundary lines is slightly changed, the opening proceeding be amended in such a way as to relate to Mead street between the limits named as now laid out.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding authorized by said Board on September 25, 1913, for acquiring title to Mead street from Garfield street to Unionport road, Borough of The Bronx, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment May 15, 1914, on which the width of said Mead street is reduced from 60 feet to 50 feet; the amendment now proposed providing for the acquisition of title to Mead street from Garfield street to Unionport road as said Mead 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 following is the proposed area of assessment for benefit in this proposed amended proceeding:

Bounded on the north by a line midway between Van Nest avenue and Mead street and by the prolongations of the said line; on the east by the centre line of White Plains road; on the south by a line midway between Baker avenue and Mead street, and by the prolongations of the said line, and on the west by a line midway between Garfield street and Taylor street.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 26th day of June, 1914.

Which was adopted by the following vote:

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

MATTERS LAID OVER FROM PREVIOUS MEETINGS.

Manhattan Fire Alarm Company (Cal. No. 153).

Application of the Manhattan Fire Alarm Company for a Franchise to Construct, Maintain and Operate Wires or Other Electrical Conductors under the Streets and Avenues Within the Borough of Manhattan and the Portion of the Borough of The Bronx Lying West of the Bronx River, and to Construct, Maintain and Operate Suitable Wires or Other Electrical Conductors and the Necessary Conduits for the Same Under the Streets and Avenues Within that Portion of the Borough of The Bronx Lying East of the Bronx River and in the Boroughs of Brooklyn, Queens and Richmond.

(At the conclusion of the hearing on the form of contract on March 20, 1914, action was deferred until the meeting of April 3, 1914, at the request of the Company, to afford it an opportunity to confer with the Fire Commissioner for the purpose of outlining the supplementary agreement required by the provisions of the contract before connection can be made with the City's fire alarm telegraph system.)

(At the meeting of April 3, 1914, action was deferred until April 17, 1914, as the negotiations had not been completed, and on April 17, 1914, the matter was laid over to May 1, 1914. On May 1, 1914 (Cal. No. 159), on the recommendation of the Engineer, Chief of Bureau of Franchises, it was laid over until May 28, 1914.)

The Secretary presented the following:

Fire Department, City of New York, Office of the Commissioner, May 18, 1914.

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

Sir—I have the honor to transmit herewith copy of communication addressed to his Honor, the Mayor, as Chairman of the Board of Estimate and Apportionment, relative to the application of the Manhattan Fire Alarm Company for a franchise.

Yours very truly, ROBERT ADAMSON, Fire Commissioner.

Fire Department, City of New York, Municipal Building, May 5, 1914.

Hon. JOHN PURROY MITCHEL, *Mayor, and Chairman, Board of Estimate and Apportionment, City of New York:*

Sir—There is now pending before the Board of Estimate and Apportionment a proposed franchise to the Manhattan Fire Alarm Company. This franchise so vitally affects this Department and raises a question of future policy of such great importance, that I venture to submit to your Board certain recommendations, and to request their consideration before final action is taken.

There are, in my opinion, two principal reasons why this franchise should not be granted. These reasons are:

1. It gives to a private company the right for twenty-four years to operate a fire alarm system as a commercial enterprise. The company would maintain its own separate circuits, boxes and central offices, but in order to operate its lines, would necessarily have to be connected into Fire Headquarters and its alarms received by City operators. Besides giving to a private company a semi-official status, this arrangement would result in friction, duplication of plant, divided control and slower service. Proper fire protection by the City is so vitally dependent upon the quick and reliable transmission of alarms that, in my opinion, the operation and control of all alarms should be in the hands of the City. The City already owns its plant and has a force almost sufficient to operate the enlarged system. It could, therefore, supply this service at a lower rate than it can be supplied by a private company. Our fire alarm telegraph system can be expanded so as to provide this increased service at relatively small cost. No private fire alarm company now has a franchise, and if this one be granted, it will be more difficult and expensive for the City to obtain control of all fire alarm services in case it should later determine upon that policy.

2. As your Board is aware, a great part of the City's fire alarm system must be rebuilt in the very near future. Some of the work has already been done in Manhattan. The need of placing all our wires underground in other boroughs was demonstrated by our experience in the snow storm of March 1. In the rebuilding of this system the securing of the necessary space in underground conduits for our circuits is of great importance. The City is now engaged in litigation with the Empire City Subway Company and the Consolidated Telegraph and Electrical Subway Company, the two principal wire subway companies, which may result in its coming into possession of those companies. If that occurs we can extend our fire alarm circuits, and the Police and other Departments can get the duct space they need without being compelled to take only such space as one of these companies may happen to have available or may be willing to provide. But whether the City acquires these companies now or not, it is probable that eventually it will own and control all of the conduit subways in its streets, just as it now controls the transportation subways. If this franchise be granted, the difficulties of securing such ownership and control would by that much be increased.

The Manhattan Fire Alarm Company is one of four companies engaged in supplying fire alarm service to private buildings in this city. None of these companies has a franchise. In September, 1910, the Commissioner of Water Supply, Gas and Electricity called attention to the fact that they were using the City's streets without a franchise or municipal consent of any kind. The Corporation Counsel held that they were all engaged in a public service business and must obtain franchises. Accordingly three of them, including the Manhattan Fire Alarm Company, applied to your Board for such franchise.

This particular franchise has been under negotiation between the company and your Bureau of Franchises for more than a year. Final action upon it has been postponed three times in order to give the company an opportunity to see if supplemental agreement could be made with the Fire Commissioner, permitting the company to connect its wires into Fire Headquarters for operating purposes. Without such connection the franchise would be valueless. No progress has been made in the negotiations for this connection with Fire Headquarters, and the status of the application remains unchanged since it was last before your Board.

The City's fire alarm service is now confined to its street box system, except in Brooklyn, where we have 700 boxes located inside of buildings, 300 of which are in private buildings, for which we receive no compensation. In all other boroughs fire alarm service is supplied to buildings by private companies. The four companies engaged in this business are:

The Manhattan Fire Alarm and controlled companies.
The Consolidated Fire Alarm and controlled companies.
The Automatic Fire Alarm Company.
The National District Telegraph and controlled companies.

They supply fire alarm protection to 4,101 buildings. Of these connections those maintained by the Manhattan Fire Alarm Company are the most important, by reason of the size and character of the buildings it serves.

All of these companies have their wires connected with Fire Headquarters, where their receiving instruments are installed. The City's operators receive the alarms and transmit them to the fire houses. In addition to this use of the City's plant, more than half of the buildings served by the Manhattan Fire Alarm Company are connected directly with the City's street boxes and circuits at the nearest available point to the buildings thus protected. The Manhattan Fire Alarm Company is the only company enjoying this privilege. The other companies all provide their own boxes, circuits and central offices, retransmitting alarms from their centrals to Fire Headquarters. The Manhattan Company also maintains a central at No. 17 Madison avenue, but it accommodates only such of the company's business as is not directly connected with the City's system. The circuits used for the latter business are rented by the Manhattan Company from the New York Telephone Company.

This permit to the Manhattan Company to connect its system directly with the City's boxes, and thus use the City's plant to conduct a private business, was granted October 3, 1895. It was subject to revocation at any time by the Fire Commissioner. Under this permission the company made a large number of connections with the City's boxes and continued to make them until February 21, 1902, when Fire Commissioner Thomas Sturgis summarily revoked the permit. The reasons he gave for his action were that the use of the City's plant by a private company was improper; that the influence exerted upon the City's employees by the company's employees was demoralizing and pernicious, and that the company's wire connections were a detriment rather than an advantage to the Fire Department. Mayor Low held public hearings on the matter, lasting two days, and sustained his Commissioner. He directed that no further connections be made, but agreed that existing connections should be allowed to remain until legislation could be secured enabling the City to buy out the Manhattan and similar companies and itself engage in supplying fire alarm protection to private buildings.

Through the efforts of Mayor Low, section 729 of the Greater New York Charter was accordingly amended May 6, 1903, so as to authorize and empower the Fire Commissioner to:

> "extend the fire alarm telegraph system whenever in his judgment it shall be deemed desirable, by the purchase, lease or license of the whole or a part or parts of the appliances, apparatus, equipment, patents, licenses, franchises, rights, contracts or other property of any kind, of any fire alarm telegraph or fire alarm signal company now doing business in, or which may hereafter do business in, The City of New York, at a price to be agreed upon with the persons or corporations owning the same, and every such corporation is hereby authorized to sell, lease or license the same to the said city, provided such purchase, lease or license shall first be approved by the board of estimate and apportionment; and the said board is authorized and empowered to issue corporate stock in such amount or amounts as may be necessary to make such purchase, and the comptroller shall thereupon issue such stock to the amount so authorized without the approval of any other board or public body. The fire commissioner shall thereafter have power to enter in person or by his duly authorized employees, the buildings or premises which have been or may be provided, upon the application of the owners or agents thereof, or which are directed by the commissioner pursuant to the provisions of law to be provided with the means of communicating alarms of fire, for the purpose of maintaining, repairing, examining or installing the same. The fire commissioner is further authorized to fix and collect reasonable charges for the maintenance and equipment of such special fire alarm service thus provided, and such moneys when collected by him shall be paid into the general fund for the reduction of taxation."

Had Mayor Low been re-elected, he would undoubtedly have proceeded to carry out his announced plan of acquiring the private fire alarm companies and combining them with the City's system. His views on the matter he stated at the time in a letter to the then President of the Manhattan Fire Alarm Company, in which he declared that the extension of the fire alarm system into private buildings would be simply enlarging

> "the field of the City's activity in granting protection against fire upon lines that are actually paralleled by the water service which the City supplies. In the latter case the City places a hydrant upon the sidewalk for the public use, and the faucet or bath in the house for private use. The private water service is maintained by a payment to the City by the property benefited, and there seems to be no theoretical objection to charging for similar private protection against fire, if the system is maintained by the City itself."

After Mayor Low retired and a new Fire Commissioner came in, the policy was resumed of issuing permits to the Manhattan Fire Alarm Company to connect with the City's plant. This continued until about four years ago, since which time the City has pursued the policy of permitting no additional connections to be made, and of gradually reducing existing connections. These disconnections have proceeded very slowly, and at the present time the Manhattan Company's system is

connected with 504 of the City's fire alarm boxes. Obviously, this is a highly undesirable condition. The experts of the Fire Alarm Telegraph Bureau have protested against it for years. They claim that the mechanism of the private company attached to the City's boxes causes a large number of false alarms to be sent in, and what is worse, frequently prevents the City's boxes from sounding alarms at all when they are pul ed for a fire. There has always been frequent friction between the City's employees and those of the company, and complaint has been made that the company ignored orders of the Fire Alarm Telegraph Bureau in regard to repairs and connections with the City's boxes.

It is true that the proposed franchise provides that the Manhattan Company's wires shall al be disconnected from the City's boxes within one year, but it is predicated upon a supplemental agreement being made with the Fire Commissioner whereby the company's wires may continue to run into Fire Headquarters. While this arrangement is far less objectionable than the one which obtains at present, it would establish a relationship between a private company and our telegraph system which the experts in charge of that system have always insisted should not exist. These experts believe that satisfactory operation will not be possible so long as such an outside connection exists at headquarters, and so long as one part of our fire alarm service is under the control of the City and another part under control of a private corporation. Friction is bound to occur and the protection to the public is sure to suffer the consequences of divided control.

If this franchise is not granted, the practical alternative is for the City to extend its fire alarm service to include buildings. This can be done by the purchase of the Manhattan Fire Alarm Company or without such purchase. If a franchise is denied to the Manhattan Company it could not operate, and its plant would be of little value. Since this company has already in operation a system of wires and boxes in buildings, it would seem to be the wisest policy for the City to purchase this plant. This, for the reasons I have stated, I believe it should do. Such purchase would be made only after careful appraisement by experts and from the estimates furnished to me by the experts of the Fire Alarm Telegraph Bureau. I do not believe the cost would be large.

The profit to the City from the operation of this class of service would, I am confident, be sufficient in time to pay the entire cost of maintenance and operation of our general fire alarm telegraph system. The service rates of the Manhattan Fire Alarm Company are $50 a year for the first box installed in a building, and $10 a year for each additional box installed in the same building; for combination fire drill and fire alarm service, $50 for the first box and $25 each for additional boxes; for combination fire alarm and watchman supervisory service, $60 a year for the first box and $18 a year for each additional box. Operating at these rates, maintaining a separate plant and a separate organization, and paying large salaries to officers, the Manhattan Company, I am informed, has earned large profits. The City by combining the service with its present system could operate the plant at one-tenth the cost to the present company for operation.

The value of the Manhattan Fire Alarm Company's plant was placed by the company's officials in 1902 at about $400,000. The City would require only its tangible property in the shape of wire and box equipment, and I am advised that the value of this equipment is far less than the figure named.

Fortunately the City is admirably equipped to engage in this extension of its fire alarm service. The entire southeastern section of Manhattan, bounded by Broadway on the west, the East River on the east, and 67th street on the north, and the central business section of Brooklyn have recently been provided with new feeder cables which carry spare wires twenty-five per cent. in excess of the estimated requirements of the City's service. This excess of wires was installed as a margin of safety, and five per cent. of these wires would easily accommodate the added service which the City would have to accommodate if it takes over the Manhattan Company, leaving a factor of safety of twenty per cent. excess wires in the feeder cables. In this part of the City, therefore, the Manhattan Company's circuits could be connected with the City's plant with no additional cost except that of making the physical connections, which would be comparatively small.

In carrying out the projected plan of rebuilding, according to modern requirements, the City's fire alarm service in the remaining sections of the city, provision could easily be made for similar accommodation for this added service at a relatively small cost. Until the City provides the necessary circuits in this territory we would have to continue to rent wires from the telephone company as the Manhattan Company is now doing.

If not utilized in the way I have suggested, the surplus facilities of the City's plant as planned and already partly built, would lie unused and an ideal opportunity be lost to strengthen our fire alarm service. Every consideration of economy requires such use of our plant. It is estimated that the City would need only twenty additional operators and only about ten additional men for installation and inspection to take care of the increased business.

I have no accurate information as to the earnings of the Manhattan Fire Alarm Company, but I understand its business is very profitable, and while I would not urge that the City engage in this branch of the business upon that ground alone, I am convinced that if the City should do so that its earnings would, as I have said, be more than sufficient to pay the operating expenses of the entire Fire Alarm Telegraph Bureau. The total revenues of the existing fire alarm companies have been estimated anywhere from two hundred thousand to five hundred thousand dollars a year. Whatever the correct figure may be, there is no doubt that the business is a profitable one and one capable of considerable expansion. If the City shoud take over the private companies there is no doubt but that the number of private subscribers would be greatly increased. The advantages of a municipally operated system would be found in better supervision by expert inspectors of this department, in the standardization of equipment and in quicker transmission of alarms.

For the City to engage in this business would be no novel experiment. It would be doing in the realm of fire alarm service, as Mayor Low pointed out, merely what is already being done in the City's water service. In fact the City already has 700 boxes in buildings in Brooklyn, but for which it receives no pay.

May I call attention to the fact that His Honor, Mayor Mitchel, while a Commissioner of Accounts recommended that the City purchase the Manhattan Fire Alarm Company's plant at cost, or failing that to require the Company to obtain a franchise. The exact language of this recommendation made in June, 1908, by the Hon. John Purroy Mitchel and the Hon. Ernest Y. Gallaher, Commissioners of Accounts, is as follows:

> "A. That the City purchase at cost the plant of the Manhattan Fire Alarm Company and operate it as part of the Fire Alarm Telegraph system, or in the alternative require of this company a substantial consideration for the exercise of the privileges it now enjoys. We recommend the former.
>
> "B. That the Fire Commissioner make a careful study and report to Your Honor upon the advisability of purchase by the City of the plants of all other fire alarm companies with a view to the operation thereof by the City. We do not feel that we are at present in possession of information sufficient to justify us in making a recommendation in the premises."

I submit to you with this communication reports which I have received from Deputy Fire Commissioner W. Holden Weeks, who, by my direction, has been conducting an investigation into the general subject of private fire alarm companies since January last, and of Mr. Putnam A. Bates, Chief of the Fire Alarm Telegraph Bureau. These reports concur in the recommendations which I make. I also submit an extract from the report made to Mayor McClellan by the Hon. John Purroy Mitchel and the Hon. Ernest Y. Gallaher, Commissioners of Accounts, under date of June 26, 1908; also blue prints showing the lay-out of feeder cables of the Fire Alarm Telegraph system, and a blue print showing the location of the boxes operated by the Manhattan Fire Alarm Company, both connected with the City's circuits and operated on the circuits rented by the Company.

In view of all the considerations which I have enumerated, I respectfully recommend that the proposed franchise to the Manhattan Fire Alarm Company be not granted, and request that your Board authorize the Fire Commissioner under Section 729 of the Greater New York Charter to acquire, after expert appraisal, approved by the Board of Estimate and Apportionment, the plant of the Manhattan Fire Alarm Company with a view to its inclusion in the City's fire alarm system.

Very respectfully, ROBERT ADAMSON, Fire Commissioner.

Report of Deputy Fire Commissioner W. Holden Weeks to Hon. Robert Adamson, Fire Commissioner of the City of New York, on the Subject of A Proposed Municipally Owned Supplemental Interior Fire Alarm Telegraph System; April 2, 1914.

Headquarters Fire Department, City of New York, Office of the Deputy Fire Commissioner.

Hon. ROBERT ADAMSON, *Fire Commissioner:*

Sir—The fact that fires occur inside of buildings, not outside of them, while the City's fire alarm telegraph system has in the main been allowed to terminate in boxes outside of buildings rather than inside of them, has very naturally led to the formation of various private companies whose function it is to bridge this obvious gap by installation of interior fire alarm boxes connecting directly or indirectly with Fire Department Headquarters.

Of these companies there now remain four (4):

The Manhattan Fire Alarm Co., and controlled companies.

The Consolidated Fire Alarm Co., and controlled companies.

The Automatic Fire Alarm Company.

The National District Telegraph Co., and controlled companies.

Manifestly none of these companies can transact business at all without making use of the City's fire alarm plant. Their receiving instruments must be located in Fire Department Headquarters. The City's transmitting instruments and the City's wires must be used in sending their alarms to the engine houses, and the City's apparatus must be assigned to respond thereto.

That is to say, the business of these companies is dependent for its very existence upon the use of City property as its most vital asset.

All of these needed privileges have hitherto been enjoyed by these companies without the payment of any compensation therefor to the City of New York. (See Exhibit "A" hereto annexed.)

In this free use of the City's plant the Manhattan Fire Alarm Company has gone the furthest, for not only have they exercised the privileges above outlined, but they have also in numerous instances connected their auxiliary boxes directly to the Fire Department street boxes, and made use of them and their connecting circuits for the maintenance of their corporate enterprises. Many of such connections still exist.

The other companies meanwhile have been content to operate over leased lines.

The exercise of this extraordinary privilege by the Manhattan Fire Alarm Company led to an investigation by Fire Commissioner Sturgis in 1902, of that company's relations with the City of New York, and resulted in his revoking their permit to connect with the City's fire alarm boxes, and his reason for this action, animadverting strongly against the policy and practice of that company, appear in the report made to Hon. George B. McClellan by Messrs. John Purroy Mitchel and Ernest Y. Gallagher, the then Commissioners of Accounts, under date of June 26, 1908. (See Page 2 of Exhibit "B".)

Subsequently in 1910 the Greater New York Charter was amended by the addition of a new section, 743, which reads as follows:

> "Section 743 * * * All persons, partnerships or corporations engaged in the maintenance and operation of auxiliary fire alarm telegraph systems from which rent, profit or compensation is derived, and which are connected with the Fire Alarm Telegraph system maintained by the City of New York, or who for the benefit of their patrons are permitted to make any use whatsoever of the service of said Fire Alarm Telegraph system, shall pay such reasonable compensation to the City of New York for such privilege and for such period of time as shall be fixed by the Board of Estimate and Apportionment on the recommendation of the Fire Commissioner."

Such in brief is the state of facts upon which the Manhattan Fire Alarm Company now applies for a franchise, granting it

"the right and privilege to lay, construct, maintain and operate suitable wires and other electrical conductors under the streets and avenues within the Borough of Manhattan and the portion of the Borough of The Bronx lying west of the Bronx river, and to lay, construct, maintain and operate suitable wires and other electrical conductors and the necessary conduits for the same under the streets and avenues within that portion of the Borough of The Bronx lying east of the Bronx river, and to lay, construct, maintain and operate suitable wires and other of Richmond, for the purpose of electrically connecting detecting and signalling apparatus to be located upon the premises of subscribers with signal recording apparatus located or to be located at some suitable point or points where such signals are to be received and thereby maintaining and operating a fire protection signalling service system for the protection of the premises of subscribers and for no other purpose whatsoever."

The contract further provides that this privilege is to be held and enjoyed by the said company from the time of the signing of the same by the Mayor until December 31, 1928, with the privilege of renewal upon revaluation of the franchise for an additional ten (10) years.

It is understood, however, that the execution by the company of this contract is contingent upon the granting of a license by the Fire Commissioner, permitting the company to install its receiving apparatus in Fire Department Headquarters, and to make such use of the City's fire alarm plant as will be needed to transmit its signals to engine houses, without which permission the rights granted by the main contract would be substantially valueless.

The pendency of this contract, therefore, acutely raises the question as to whether the City desires to enter on its own account upon the field of interior supplemental fire alarm telegraph signalling for the protection of buildings, for if this franchise be granted and the City receives a monetary consideration therefor, it will be for a period of at least fourteen (14) years, and perhaps twenty-four (24) estopped from entering into a competition with its lessee, which would be destructive of the very subject matter of the franchise.

The time, therefore, to decide this momentous question is now.

For the City to embark upon this enterprise would seem but a logical and natural development of its fire alarm system. Just as the natural development of the City's water supply advanced from a system of private purveyors to that of municipally-owned aqueducts and distributing pipes, and at length came to include municipally-installed house connections and water meters operated under an appropriate charge by the City for the amount of water furnished; so may the development of the City's fire alarm system from the watch-towers of 1865 through the street box fire alarm telegraph now in use, be expected finally to evolve into a municipally-owned and completely distributed system wherein alarms may be transmitted from the point of the outbreak of fires in buildings directly to the fire alarm platform at Fire Headquarters.

That such a stage in the evolution of fire protection in New York has not already been reached seems to be due only to the fact that no one has hitherto made it his business to push the project to fulfillment.

Certainly, the plan has been commended by various City officials upon several occasions in the past.

Mayor Low favored it in his letter to W. F. Allen, Esq., President of the Manhattan Fire Alarm Company, under August 1, 1901, copy of which is hereto annexed. In that letter the Mayor, referring to legislation needed to enable the City to take over the plant of that company, says:

> "If such legislation is had, it will simply be enlarging the field of the City's activities in granting protection against fire, upon the lines that are actually paralleled by the water service which the City supplies. In the latter case, the City places the hydrant upon the sidewalk for the public use, and the faucet or bath in the house for private use. The private water service is maintained by a payment to the City by the property benefited; and there seems to be no theoretical objection to charging for similar private protection against fire, if your system is maintained by the City itself." (See Exhibit "C" hereto annexed.)

Hon. John Purroy Mitchel and Hon. Ernest Yale Gallagher, Commissioners of Accounts, favored it in their report to Mayor McClellan under date of June 26, 1908, wherein they recommended as follows:

> "That the City purchase at cost the plant of the Manhattan Fire Alarm Company and operate it as part of the fire alarm telegraph system, or in the alternative, require of their company a substantial consideration for the exercise of the privilege it now enjoys. We recommend the former."

And Commissioner Waldo favored it in a report made by him to a committee of the Board of Estimate and Apportionment under date of July 7, 1910, in which he advocated the taking over by the City of the property and plant of all of the private fire alarm companies then operating, the gross revenues of which he estimated to be $500,000 a year. (See Exhibit "D" clipping from Evening World of July 7, 1910, hereto annexed).

It is further to be noted as a practical fact of importance bearing upon this subject that in a large number of private premises in the Borough of Brooklyn, regular City fire alarm boxes have been installed and interior service has for a long time been successfully operated, the only difference being that in this instance the supplemental protection to private property is being accorded without compensation.

Coming now to a more detailed exposition of the advantages of a municipally-

owned supplemental system as herein described, we find that the subject naturally divides itself into the legal, the operative, and the economic aspects of the problem. Of these in their order:

Legal Aspects.

The power of the Fire Commissioner thus to extend the fire alarm telegraph system and to that end to acquire the rights and property of any private company now engaged in the fire alarm signalling business in this City, and to fix and collect reasonable charges for the maintenance of such fire alarm system, springs from that portion of Section 729 of the Greater New York Charter, which reads as follows:

"The Fire Commissioner is further authorized and empowered to extend the fire alarm telegraph system whenever in his judgment it shall be deemed desirable by the purchase, lease or license of the whole or a part or parts of the appliances, apparatus, equipment, patents, licenses, franchises, rights, contracts or other property of any kind, of any fire alarm telegraph or fire alarm signal company now doing business in, or which may hereafter do business in, the City of New York, at a price to be agreed upon with the persons or corporation owning the same, and every such corporation is hereby authorized to sell, lease or license the same to the said City, provided such purchase, lease or license shall first be approved by the Board of Estimate and Apportionment; and the said Board is authorized and empowered to issue corporate stock in such amount or amounts as may be necessary to make such purchase, and the Comptroller shall thereupon issue such stock to the amount so authorized without the approval of any other board or public body. The Fire Commissioner shall thereafter have power to enter in person or by his duly authorized employees, the buildings or premises which have been or may be provided, upon the application of the owners or agents thereof, or which are directed by the Commissioner pursuant to the provisions of law to be provided with the means of communicating alarms of fire, for the purpose of maintaining, repairing, examining or installing the same. The Fire Commissioner is further authorized to fix and collect reasonable charges for the maintenance and equipment of such special fire alarm service thus provided, and such moneys when collected by him shall be paid into the general fund for the reduction of taxation."

This provision was enacted subsequent to Mayor Low's advocacy of such legislation as would permit the purchase by the City of the plant of the Manhattan Fire Alarm Company.

This method of acquirement by appraisal and purchase of private fire alarm plants already equipped and installed, is by all means to be preferred from both the legal and the engineering points of view, provided the same can be acquired at a proper and reasonable price. The only alternative; namely, the installation of an entirely independent and competing system, while possible, would involve a regrettable duplication of operating plant and might conceivably call for additional legislation.

As to the position of the City at present this is to be said. Whatever rights the Manhattan Fire Alarm Company and the other companies may have to connect with the fire alarm system at Headquarters are absolutely revocable at the pleasure of the Fire Commissioner.

He may at any time order the instruments of private companies taken out of Fire Headquarters and revoke the assignment of Fire Department apparatus to answer their signals.

Should such action be taken and should the Commissioner then proceed to the establishment of a municipal interior fire alarm system, it would follow that the entire revenue from such service would accrue to the benefit of the City, whereas under the terms of the proposed franchise the City's maximum compensation would be but five per cent. (with a minimum of $8,500) of the gross revenue of the Manhattan Fire Alarm Company.

How such an agreement as this could be to the advantage of the City it is difficult to perceive.

Another argument of legal bearing in favor of the establishment of a municipal interior auxiliary system demands consideration.

Subdivision 3 of Section 775, as amended by Chapter 899 of the Laws of 1911, provides that the Fire Commissioner is empowered to:

"Require in writing the installation as prescribed by any law or ordinance in any building, structure or enclosure, an automatic or *other fire alarm system,* or fire extinguishing equipment, and the maintenance and repair thereof, or the construction as prescribed by any law or ordinance of adequate and safe means of exit."

It is respectfully submitted that if the law provides a power to force the citizen to install a fire alarm system in his building, the City should be prepared to offer him a system under its own jurisdiction, and subject to a municipally-adjusted scale of rentals, rather than to compel him by force of law to become the involuntary customer of a private corporation.

It is easy to see to what abuses a disregard of this salutary principle may open the door, and testimony is not lacking to the effect that such abuses have in the past existed in grave measure.

Operative Aspects.

Control—

Under a municipally-owned system, the interior boxes, like the present street boxes, would be under the exclusive control of the Fire Commissioner. The Engineers of the Bureau of Fire Alarm Telegraph could in that case plan the installation of interior boxes in the locations best calculated to give the most efficient fire protection service, and its operatives would then be empowered promptly to attend to all needed repairs and to perform all acts necessary to keep the system up to the highest point of efficiency.

Standardization of Instruments—

In a municipally owned system, with the signals coming from the interior boxes direct to the fire alarm platform at Headquarters, alarms would be transmitted to Headquarters with precisely the same speed and in precisely the same manner as now obtains as to signals coming in from street boxes. Thus the necessity for independent central offices, such as are now maintained by all but one of the private companies now connected with Fire Headquarters, with the possibility for delay which these private centrals involve, would be eliminated.

Avoidance of False Alarms—

Under a municipally-owned system the Commissioner could prescribe such rules governing the use of interior fire alarm boxes as would afford the greatest measure of security against false alarms, and would bring under the penalties laid down by section 729 of the Charter, all wilful sending in of the same.

Facility of Installation—

It is a fact of great importance that in so far as line plant is concerned no additional installation other than subsidiary connections from street boxes to buildings is necessary to equip with the supplemental system every part of the entire city to which the local fire alarm system, laid down or projected, extends.

This is because the new feeder cables are provided with spare wires to the extent of 25 per cent. excess over and above their estimated normal requirements.

And further, because the new secondary cables leading from the main feeders carry seven (7) wires, four (4) of which are required for the street box service, leaving three for use in the proposed supplemental interior system.

The entire southeastern section of Manhattan and a large part of the heart of Brooklyn in which new cable is already laid down, is thus equipped and ready for the installation of the proposed supplemental system. All that is necessary is to set apart for this purpose about one-fifth (1-5) of the spare wires of the main feeder cables, leaving a factor of safety of 20 per cent. excess wires, and the three (3) wires of the distributing cables now unused in the regular street box service.

Any projected construction of feeder cables could readily be increased in size to accommodate both the regular and supplemental services and still provide for a 25 per cent. factor of safety, if desirable.

I understand that there are as yet no outstanding contracts for feeder cables for projected installation in the way of such increase. (See Exhibit "E," maps of cable installation in Manhattan and Brooklyn, and explanation thereof by Mr. E. A. Faller, hereto annexed.)

Economic Aspects.

Economy of Operation—

Because no additional investment of capital in line plant would be required of the City; because of the slight expense of house wiring and the purchase of house auxiliary boxes; because all needed inspections and repairs could be attended to with but a slight increase of the present departmental force; and because of the slight number of additional operatives required upon the fire alarm platform, the proposed municipal system could be operated with an economy entirely unobtainable by private companies, thus making it possible to extend this valuable protection to citizens at rental rates substantially less than those now prevailing, and yet profitable to the City.

Cost and Revenue—

In the consideration of cost the cardinal fact to be emphasized is that the City would be absolutely free from all outlay for main and distributing line plant, an item which costs private concerns the heavy rental charge of thirty-six dollars ($36.00) per mile per year.

The expense of each house connection may be estimated at fifty dollars ($50.00); of each auxiliary interior box, two dollars ($2.00); forty dollars ($40.00) would cover the cost of one master box, operated by the auxiliary boxes, and capable of serving any number of such auxiliary boxes which the circumstances of each particular installation would require.

Thus at the minimum rental charged by private companies of fifty dollars ($50.00) for the first and ten dollars ($10.00) for each additional box, the entire capital outlay for plant might well be recoverable in the first year of operation, or at least within the first eighteen (18) months, allowing 50 per cent. margin for contingencies.

The additional service at Headquarters has been estimated at twenty (20) platform operators for the five (5) Boroughs at an annual expense of twenty-seven thousand dollars ($27,000.00) at the prevailing rate of salaries.

If we provide thirty (30) additional men for installation and inspection work at an aggregate salary charge of thirty-two thousand dollars ($32,000.00), the total operating charges would amount to sixty-nine thousand five hundred dollars ($69,500.00) per annum.

The total revenues of existing companies have been variously estimated at between two hundred thousand dollars ($200,000.00) and five hundred thousand dollars ($500,000.00) per annum. According to the figures compiled by former Fire Commissioner Waldo, the five (5) companies then operating admitted gross revenues aggregating two hundred and twelve thousand dollars ($212,000.00) per annum, but the Commissioner himself was of the opinion that such revenues actually aggregated fully five hundred thousand dollars ($500,000.00) a year.

An estimate of annual revenue, at the lowest figure above mentioned, two hundred and twelve thousand dollars ($212,000.00), of maximum installation of and operating expenses, eighty thousand dollars ($80,000.00), would leave a profit to the City of one hundred and thirty-two thousand dollars ($132,000.00) per annum, and would not be unreasonable. (See Exhibit "F" hereto annexed.)

Increased Patronage—

By no means to be lost sight of as a factor in the plan of municipal auxiliary operation is the undoubted fact that many people would gladly subscribe to a system operated and offered to the municipality as a governmental enterprise who now regard the paying of box rentals to private corporations as an extravagance easily to be disposed of.

The increased revenue from this source, while not calculable, may with good warrant be regarded as considerable.

Reduction of Fire Loss—

As a fire prevention measure few, if any, devices can be held to surpass a widely distributed municipal auxiliary alarm system, kept at the highest point of efficiency by the authoritative and intelligent supervision of the trained inspectors of this Department, and very material reductions in the fire loss of the City might confidently be expected to result therefrom.

Reduction of Insurance Rates—

Consequent upon the considerations hereinbefore set forth, would naturally follow a material reduction in the rates of insurance upon property thus safeguarded; a point of high importance to prospective subscribers, and one which might reasonably be expected to go far to offset the cost to the subscriber of the additional service.

From all of the foregoing it would appear that the establishment of the proposed supplemental interior fire alarm telegraph system, owned by The City of New York and maintained and operated by the Bureau of Fire Alarm Telegraph of this Department, would be in harmony with the views heretofore expressed by high officials of the City conversant with the subject, that it would be feasible, easy of installation, economic of maintenance and profitable in operation; that it would be free of legal objection, productive of many benefits to the citizens, and finally that it would constitute the last step in the evolution of a perfected municipal fire protection system.

I therefore recommend

First—That the proposed contract between the City and the Manhattan Fire Alarm Company, now pending before the Board of Estimate and Apportionment, be NOT EXECUTED.

Second—That the Fire Commissioner proceed immediately to institute the necessary steps leading to the appraisal and purchase by The City of New York of all of the rights and property of the said corporation. Respectfully submitted,

W. HOLDEN WEEKS, Deputy Fire Commissioner.

Dated New York, April 2d, 1914.

Report of Putnam A. Bates, Esq., Chief of the Bureau of Fire Alarm Telegraph.

Fire Department of The City of New York, April 1st, 1914.

Hon. ROBERT ADAMSON, *Fire Commissioner:*

Sir—In response to your request for a report as to the proposed franchise requested by the Manhattan Fire Alarm Company, public hearing on which is scheduled for Friday, April 3rd, I beg to state as follows:

Upon investigating the status of the matter I learned that this Bureau had already undertaken to prepare a comprehensive report covering the history and important facts having a bearing on the merits of the question as a whole, and that it was planned that this review would be embodied in a report which Deputy Commissioner Weeks will present to you. Consequently, I have familiarized myself with the history and important facts thus assembled, and the views here expressed represent the conclusions arrived at as a result of this study. And they are my suggestions as to what would seem the best course for the Department to follow in treating with this important situation, namely:

1. Should a franchise be granted to one independent corporation, this City, by this act, might forfeit its rights to undertake to supply as a public service fire alarm signal connection with private buildings, whereas under the present conditions it would seem that there is no question but that the City has this right.

2. It is directly to the interest of the City, as well as to the citizens thereof, that fire alarm service should be supplied at the lowest possible cost, and in this light it becomes almost an obligation upon the Fire Department to consider most seriously actually undertaking to provide property owners where special risk is involved with fire alarm signal service at a rate that will cover the cost of maintaining such connection, plus such percentage as the character of the service would require due to overhead expenses, or reasonable profit, or both. And I believe that a charge at this figure, even where a fair profit is included, would be less than fifty per cent. of the charge rates made to-day by the independent companies for services intended to be of similar character.

3. The City owes to its citizens every possible aid in the direction of fire prevention and protection of both life and property against conflagration, and it therefore is eminently proper for the City to engage in the kind of service that these independent companies undertake in so far as is involved the work of installing in buildings where special risk obtains such devices as may be necessary to utilize in order that communication may be sent to Fire Headquarters in the shortest possible time. For it is mandatory upon the Fire Department that it shall take care of fires when they occur with the least possible delay.

4. The nature of private firm alarm business as it is conducted by the Manhattan Fire Alarm Company is doubtless profitable, and it is my judgment that while the City would not enjoy the same percentage of profit that an independent corporation would derive, at the same time this class of service, if properly carried on, would become an earning power, whereas to-day it is provided in certain instances without any return whatever.

5. I understand there are some twelve thousand factories in Greater New York, each one of which should be provided with fire alarm service of an adequate and efficient character. It is probable that it would not be a profitable undertaking to immediately install equipment and cables necessary to supply all of these buildings, even though conditions were such that otherwise such an arrangement would be feasible. We could, however, at once enter this field in the zone east of Broadway and south of 67th street, as cables are already laid that would permit of easy and inexpensive connection to the buildings of the nature in question there located. This would give the Department a nucleus of private service business that would at once be profitable, as the cable plant (which represents the largest portion of the cost of installation) has already been provided and installed and consists of spare wires in our cable and feeder installations, as planned for street box service.

6. In order to secure the control that the City should ultimately have over the

underground conduit systems in order that the most comprehensive and efficient system of general fire alarm signal service may be ultimately provided, it is essential that the City should own its own subway ducts, have its own telephone cables for a complete intercommunicating system between all central office buildings and fire houses and be entirely free from conditions of all kinds that would interfere with the independent operation of the fire alarm system, and there could be no question that the grant of a franchise to the Manhattan Fire Alarm Company, or any private corporation in a line of business that is in the nature of the service expected of this Bureau, would be giving undue recognition and thereby inviting conflict and interference which can only diminish the effectiveness of the fire alarm service and thereby, in a measure at least, defeat its very purpose.

In conclusion, therefore, I would say that I believe it to be to the best interests of the Department to accomplish the rejection of the franchise proposed, and I hope that nothing will prevent this end being attained. Respectfully,

PUTNAM A. BATES, Electrical Engineer, Chief, Bureau of Fire Alarm Telegraph.

Extract from Final Report by the Commissioners of Accounts to Hon. George B. McClellan, Mayor.

(Page 25, Paragraph (4).)

Relations of Fire Alarm Signal Companies With New York Fire Department.

1. The names of the principal fire alarm companies and their subsidiary companies now conducting business in this City follow:

Automatic Fire Alarm Company.

Consolidated Fire Alarm Company, which controls The United Pneumatic Fire Alarm Company of New Jersey, Pneumatic Fire Alarm Telegraph Co. of New Jersey and National Automatic Fire Alarm Co., of Long Island.

American District Telegraph Company, which controls National District Telegraph Co. and Special Fire Alarm Electrical Signal Company.

Manhattan Fire Alarm Company, which controls L. I. Auxiliary Fire Alarm Company and Home Electrical Concern of Brooklyn.

2. The Manhattan Fire Alarm Company organized in December, 1894, operates under a license issued by the Gamewell Auxiliary Fire Alarm Company which allows the Manhattan Company to use a patented device installed by it in City street fire alarm boxes which, on being energized from private boxes located in buildings, docks etc., pulls or trips the City alarm box, thus transmitting an alarm to fire headquarters over the City's fire alarm telegraph wires. (R. 1423.)

3. This system of forwarding alarms obtains exclusively in the case of the Manhattan Company. None of the other companies has the privilege of attaching its instruments to the City's wires. (R. 1629.) If such rights were granted to all companies the City's cables would be so overloaded as to destroy what efficiency they now have. (R. 1621.)

4. The system employed by the Manhattan Company necessitates access by its employees to the City alarm boxes to reset their instruments after an alarm has been sent in, the notification therefor being received by telephone from fire headquarters. (R. 1519.) The other fire alarm companies have their own employees constantly stationed at Headquarters to care for the mechanisms or appliances they maintain there in connection with the independent or leased wire operated by them but the Manhattan Company relies for this service entirely upon City employees.

5. By reason of the monoply enjoyed by the Manhattan Company, as briefly outlined above, it is relieved from the principal or basic charge to which all other companies conducting similar business are subject, viz.; the installation or leasing of private underground telegraph wires running into fire headquarters and the establishment of a central station. Notwithstanding this, that company, during the fourteen (14) years of its active existence has paid the city nothing in return for the use of public property nor has it even reimbursed the City for the cost of telephone messages from Headquarters and the time of City employees in advising the company to reset its contrivances.

6. A short time after beginning business the Manhattan Company, of its own volition, donated to the New York Fire Department Relief Fund the sum of fifty cents for each box installed in buildings. These payments ceased February 21, 1902, a total of $1,959.50 having been paid in, and have not been resumed, although the company's business has largely increased since that time.

7. On October 3, 1895, the Board of Fire Commissioners, acting under an opinion rendered by the Corporation Counsel, dated September 23, 1895, authorized the Manhattan Fire Alarm Co. to connect buildings and premises by means of the Gamewell auxiliary system with City fire alarm boxes, but inserted in this permit the following clause:

"The permission hereby granted is not to be construed as furnishing an exclusive privilege, nor as having any vested rights, nor as in any manner diminishing or impairing the full and exclusive control of the fire alarm telegraph system vested in this Board by law."

8. The opinion rendered by the Corporation Counsel was based upon section 724 of the Charter, wherein it is provided that

"All real estate * * * fire telegraph, and all property of whatever nature, in use by the firemen or Fire Department of the City, belonging to said City, shall be in the keeping and custody of the Fire Department and for the use of said Department."

9. It is a question, however, if the Board of Fire Commissioners did not exceed their authority under section 429 of chapter 410, Laws of 1882, now section 729 of the Charter, a part of which is set forth below. From this section it would seem as if the legal issuance of such a permit was doubtful in the first instance.

"No person other than the said Commissioner or the officers and employees specially authorized to operate said telegraph, or to use the same for instruction or drill, or policemen or citizens using the same for communicating an actual alarm of fire, shall make use thereof."

"* * * and no person, association, corporation or company shall interfere with the same in any manner whatsoever."

10. On February 21, 1902, Fire Commissioner Sturgis, for reasons which appeared to him as good and sufficient, addressed a letter to the Manhattan Fire Alarm Company rescinding the resolution adopted by the Board of Fire Commissioners on October 3, 1895, thereby revoking the permit given that company to connect its apparatus to fire alarm boxes (R. 1390). Strenuous objection to this action was immediately raised by the Manhattan Company on the ground that it was contrary to public policy. To reach a final settlement of the matter hearings were held before Mayor Low on March 10th and 14th, 1902 (R. 1481). From the testimony presented to us we satisfied ourselves that his opinions as contained in paragraphs numbered 1, 2, 4, 5, 7 and the latter part of number 6 were well founded and applied to present conditions.

11. The considerations that actuated Commissioner Sturgis in cancelling the company's permit follow:

(1) The semi-official position occupied by the company in having access to City property and the fact that its employees were not under direct control of the Fire Commissioner created an anomalous condition of affairs (R. 1369, 1377).

(2) A demoralizing and pernicious influence was liable to be exercised over City employees by reason of a close contact with the company's representatives (R. 1378).

(3) He was informed that the company used every artifice to coerce property owners into believing that its system was the only one which the Fire Commissioner would approve under section 762 of the Charter (R. 1378, 1381); that one of these means was the use of the service of members of the uniformed force in soliciting business on behalf of the company.

(4) The overhead wires used by the company in many of its connections were contrary to the law; and, owing to climatic conditions, dangerous to the City signal system (R. 1394).

(5) That a plant bought and paid for by the City was being used by a private company, to the exclusion of all other companies, for its own gain, without any remuneration to the City, and that City employees were obliged to assist that company in conducting its business (R. 1373).

(6) After a painstaking investigation of the matter he had concluded and stated that it was also the concensus of opinion among the superior officers of the Fire Department that the Manhattan Company's system was a detriment rather than an advantage to the operation of the Department. This opinion was based on the number of false alarms turned in by irresponsible people tampering with the company's instruments, and the difficulty occasioned and time lost in many instances in locating the company's box which had been pulled, several buildings with numerous boxes being sometimes attached to one street box (R. 1364, 7, 75).

(7) In view of the fact that other private fire alarm companies had been in the business for many years and were giving efficient service, it was not apparent why the Manhattan Company should enjoy exclusive and very advantageous privileges. Further, he was not convinced that the public would suffer in any way if the company were prevented from making new connections, and if its existing connections were gradually cut off with due consideration to contracts in force (R. 1384).

12. After two days' hearings held before Mayor Low in 1902, the Mayor substantially concurred in the conclusions arrived at by Commissioner Sturgis and indicated to him that he thought action against the Company should be deferred pending negotiations then on the way for the purchase of the Company's equipment by the City and that in the meantime its affairs might be left in satu quo. (R. 1385.)

13. Mr. Joseph W. Stover, President of the Gamewell Auxiliary Company and treasurer of the Manhattan Fire Alarm Company, in his testimony given at our hearings endeavored to put such an entirely different construction upon the records of the hearings held before Mayor Low than that which would be gathered from an impartial perusal thereof, that it was necessary for us to call former Mayor Low himself to explain the matter. (R. 1434, et seq.)

14. In order that no misconception may arise in the future concerning the position of Mayor Low in this matter, we quote herewith a part of the testimony he gave before us:

"Q. Was there a discussion of the advisability of the purchase by the City of the company's plant?

"A. Ultimately. May I tell in my own words the history of the transaction as I recall it?

"Q. Certainly, please.

"A. When this appeal was made to me I gave a public hearing. The objection of Commissioner Sturgis to the company, as I recall it, was not levelled particularly, if at all, at the efficiency of the device; he objected to what he considered the very unfortunate and undesirable relationships between a private company and the Fire Department. He maintained that the Company sometimes used improperly the wires of the Department; he also asserted that the Department often went to unnecessary expense from the point of view of the public interest in order to facilitate the work of this company. He also pointed out there was a very undesirable connection between notices from the Department to owners of buildings for special protection and approaches from this company to do the work. And there was further an objection from competing companies. But as a matter of fact, this one company was the only one that could comply with the requirements of the Department. The company on the other hand maintained that the device was valuable; and as I have already said, they pointed out that the abrupt termination of all existing installations would involve an irreparable loss to them as a corporation. My recollection is that the hearing lasted for two days. At all events, I went into the matter very thoroughly indeed, and I thought that the Fire Commissioner made good his contentions as to the undesirability of such a relationship between a private corporation and the Fire Department; that if it did not actually lead to corruption, it exposed the Department to a suspicion of corruption, a suspicion which it could not allay. On the other hand, I thought that the company maintained its allegation that the device was a valuable one. That was certified to by the Board of Underwriters and by others who had used it, and I therefore addressed myself to the efforts to find some method of avoiding the difficulties pointed out by the Fire Commissioner, and on the other hand the depriving the City of a device, the value of which I thought was well established, for the prompt notification of fires. My recollection is that I asked the Commissioner to maintain the status quo, that is to say, to permit no new installation, but not to interfere with existing installations, pending an appeal to the Legislature for authority on the part of the City to purchase the device and operate it. * * *

"Q. Mr. Low, there was no question, was there, in your mind, that the Fire Commissioner at that time had the power to revoke the license of the Company if he so elected, and if it were for the best interests of the City?

"A. None whatever, nor do I recall that that was questioned by the Company." (R. 1482, 3, 4.)

15. The valuation placed upon the Company's assets at that time by its President for purposes of sale was $402,176. Included in this figure was an item of $100,000 representing the permit to operate issued by the Fire Department of The City of New York. An effort was thus made to have the City pay $100,000 for something that belonged to the corporation, for which no consideration had passed in the beginning and which could be and had been absolutely revoked by the act of the Fire Commissioner in the exercise of the authority vested in him.

16. On May 6, 1913, an amendment to Section 729 of the Charter was passed empowering the Fire Commissioner in his judgment to extend the City's Fire Alarm Telegraph System by the purchase or lease of equipment belonging to private alarm companies.

17. The Board of Estimate and Apportionment, however, at a meeting held December 11, 1903, failed to authorize the purchase of the company's apparatus, and on December 31, 1903, Mayor Low went out of office, Commissioner Sturgis being succeeded by Commissioner Hayes on January 1, 1904.

18. From February 21, 1902, to December 31, 1903, the Manhattan Company made no new connections. Commissioner Hayes testified that he was not aware that the Company's general license had been revoked and accordingly had allowed individual permits to be issued when new connections were applied for. (R. 1506.) From uncertified figures furnished us by the Manhattan Alarm Company, they had on April 1, 1908, 3,486 boxes in operation, representing an annual rental of $63,843.45, averaging $18.31 per box. During the hearings held before Mayor Low it was testified that each box cost the Company approximately $4.50. These boxes cannot, of course, be considered as representing a loss to the Company; the boxes remain their property and only the depreciation and maintenance thereof are the proper charges against income.

19. We are informed by Mr. Andrew P. Martin, Chief Inspector of Fire Alarm Telegraph, that the authorities of Philadelphia have put into effect restrictive provisions governing generally the operation of the "Gamewell System" in that City. (R. 1618-1621.) In that City the Gamewell Company is obliged to install a street box for each individual building auxiliarized, and this box has direct connection with the fire alarm wires. No attachment is allowed with a City box, and when the firemen respond to an alarm they know the precise location of the box pulled. In addition to this the City receives a substantial fee or rental for each attachment to its fire alarm cables. The expense to the Company in complying with these regulations is some 300 per cent. to 400 per cent. greater than that entailed in doing business in New York. (R. 1621.)

20. Considering the seriously dangerous condition of the fire alarm cables in Greater New York, the details of which are fully set forth later in this report, it would be absolutely impracticable to allow direct connections therewith. (R. 1621.)

21. Fire Commissioner Lantry, desiring to ascertain the exact status of all the fire alarm companies with relation to this City, consulted the Corporation Counsel, and pursuant to his advice a letter, dated November 22, 1907, was written by Mr. J. R. Shields, Assistant Secretary of the Fire Department, to Mr. Harry P. Nichols, Engineer in Charge, Division of Franchises, Board of Estimate and Apportionment, setting forth the entire situation and giving the history of the Department's relations with each company, including the Manhattan Fire Alarm Company. Up to May 22, 1908, the Fire Department had received no advices in the matter.

We went into the affairs of the other companies sufficiently to satisfy ourselves that the whole subject of the City's control over fire alarm and sprinkler companies requires adjustment, and that the relation of every company with the City should be definitely established.

Recommendations (*Page* 65, *Paragraph* 10).

22. Re Manhattan Fire Alarm Company and other companies:

(a) That the City purchase at cost the plant of the Manhattan Fire Alarm Company and operate it as part of the Fire Alarm Telegraph System, or in the alternative require of this company a substantial consideration for the exercise of the privileges it now enjoys. We recommend the former.

(b) That the Fire Commissioner make a careful study and report to your Honor upon the advisability of purchase by the City of the plants of all other fire alarm companies, with a view to the operation thereof by the City. We do not feel that we are at present in possession of information sufficient to justify us in making a recommendation in the premises.

(Here follow blue prints showing lay-out of feeder cables of the Fire Alarm Telegraph System and location of boxes operated by the Manhattan Fire Alarm Company.)

On motion, the matter was referred to the Committee on Corporate Stock Budget to be considered in the nature of a request for funds, and the said committee was empowered to negotiate with the Manhattan Fire Alarm Company and ascertain at what

price and under what conditions the property of the company might be acquired by the City; and the Secretary of the Board was directed to request the Corporation Counsel to advise with the Committee on Corporate Stock Budget concerning the City's rights in the electrical subways, as that question is closely related to the question of purchase.

Department of Bridges—Issue of Corporate Stock (Cal. No. 154).

The Secretary presented: A report of the Committee on Corporate Stock Budget recommending that the Board of Estimate and Apportionment deny the request of the Bridge Commissioner for $32,000 corporate stock for building drip pans under the Williamsburg Bridge approach structure where it crosses the playground between Berry street and Bedford avenue, Brooklyn. The reason suggested for the drip pans was the danger from falling bolts and other objects from the trains and the bridge structure.

This recommendation is made on the ground that there would be no danger from the falling bolts if proper precautions were taken by the workmen repairing the tracks. More than one hundred miles of elevated railroad tracks operate through the city and across greatly congested sections without necessitating drip pans.

(On April 3, 1914 (Cal. No. 73), the above request was referred to said Committee.)

(On May 22, 1914 (Cal. No. 6), the report was laid over for one week.)

Also a communication from the Commissioner of Parks, Borough of Brooklyn, dated May 27, 1914, recommending that an appropriation of $15,000 be granted for this purpose, and a memorandum from the Bureau of Municipal Research, dated May 28, 1914, recommending that the request be returned to Bridge Commissioner for revision as to the cost of this work.

The matter was referred back to the Committee on Corporate Stock Budget.

Department of Water Supply, Gas and Electricity—Issue of Corporate Stock (Cal. No. 155).

(On April 17, 1914 (Cal. No. 34), the request of the Commissioner of Water Supply, Gas and Electricity in this matter was referred to the Committee on Corporate Stock Budget.)

(On May 22, 1914 (Cal. No. 10), the report of the Committee on Corporate Stock Budget thereon was laid over for one week, under rule 19.)

The Secretary presented a communication from the Commissioner of Water Supply, Gas and Electricity, dated April 8, 1914, requesting an issue of corporate stock in the sum of $10,000 for transferring taps from 6-inch mains to 12-inch mains and the discontinuing and abandoning of 6-inch mains in certain streets in Manhattan; and the following report of the Committee on Corporate Stock Budget, recommending approval thereof:

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Contract Supervision, April 22, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On April 8, 1914, the Commissioner of Water Supply, Gas and Electricity requested an authorization of corporate stock in the sum of $10,000 to provide for the estimated cost of transferring taps from 6-inch mains to 12-inch mains, and disconnecting and abandoning the 6-inch mains, in certain streets in the Borough of Manhattan which are about to be repaved. In connection therewith we report as follows:

On March 31, 1914, the Chief Engineer of the Bureau of Highways, Borough of Manhattan, transmitted to the Department of Water Supply, Gas and Electricity a list of eighteen streets in that borough, with the following statement:

"The accompanying is a list of streets (No 1) about to be advertised for repaving by this Department. You are requested to make any repairs or changes that may be necessary to your subsurface structures in these streets, as the Department will not allow openings to be made in the new pavement for a period of at least one year after the completion of the repaving work. After the contractor for the City is ordered to begin his work in a street, you will not be permitted to do any further work in the block or blocks in which he is working. In the event of the Department being unable to repave any of the streets in question this year, it will be necessary that you restore any openings for which you are responsible."

The Commissioner states in his request:

"Investigation shows that in six streets there are approximately 10,000 feet of 6-inch main, in addition to the newer 12-inch main, and it is advisable to transfer all service pipes from the 6-inch main to the larger one, and to disconnect the 6-inch main and abandon it, thereby reducing by one-half the possibility of leakage. The transferring of taps on this 10,000 feet of main will cost about $7,500. We have no money now available for this work."

The six streets referred to by the Commissioner, with the approximate lengths of the old 6-inch mains it is proposed to abandon, are as follows:

Chrystie street, Canal street to Hester street	200 feet
Elizabeth street, Bayard street to Spring street	1,700 feet
5th street, Avenue C to Avenue D	700 feet
9th street, Avenue B to Avenue D	1,500 feet
11th street, 2d avenue to East River	4,200 feet
16th street, Avenue A to Livingston street	1,500 feet
Total	9,800 feet

No detailed estimates of the cost of this work have been prepared by the Commissioner's Engineers, the estimated cost of $7,500 used in the request being based upon an average cost of 75 cents per linear foot in five contracts for similar work done in 1912 and 1913.

In regard to the $10,000 request, the Commissioner states as follows:

"Will be sufficient not only for the work to be done in the present list of streets, but for similar work in some additional streets that the Borough President is expected to advise us about in the very near future."

On April 13, 1914, the Chief Engineer, Bureau of Highways, Borough of Manhattan, stated that a list of additional streets to be repaved would be submitted to the Department of Water Supply, Gas and Electricity in about ten days.

It would seem that the proper time to have changed the house service taps and abandoned the old 6-inch mains was at the time the newer 12-inch mains were laid. It appears, however, that the abandoning of old mains, when new mains were laid, was not at the time the practice of the Department.

Your Board has recently approved a form of contract, plans and specifications and estimate of cost in the sum of $17,000 for changing service taps from old to new mains in the section south of Chambers street, Borough of Manhattan.

The work now proposed will reduce the possibility of leakage, correspondingly decreasing possible maintenance charges, and also save the cost of repaving for a second time such openings as would subsequently have to be made if the work is deferred until a later date.

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

Respectfully,

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

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 178 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York, to an amount not exceeding ten thousand dollars ($10,000), to provide means for changing service taps from old distribution mains to new distribution mains in certain streets in the Borough of Manhattan, which are about to be repaved, in connection with improving the water supply system in said borough, and that the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid; provided, however, that no part of the proceeds of the corporate stock herein authorized shall be available until after the Board of Estimate and Apportionment has approved forms of contracts, plans and specifications and estimates of cost pertaining to the same, and that no part of such proceeds shall be used for the payment of fees of any architect, engineer or expert until after a contract with such architect, engineer or expert has been approved by the Board of Estimate and Apportionment, and that no part of the proceeds of corporate stock herein authorized shall be used for the payment of any salary or wage of departmental employees, except after approval of the Board of Estimate and Apportionment, and in accordance with the schedules to be adopted by said Board; and be it further,

Resolved, That the Commissioner of Water Supply, Gas and Electricity is directed to submit to this Board for its approval forms of contracts, plans, specifications and estimates of cost, prior to advertising for bids for work chargeable to the proceeds of the corporate stock herein authorized and said Commissioner is also directed to submit to this Board for its approval all preliminary and final agreements with an architect or architects, engineer or engineers, expert or experts, whenever such agreements or contracts are chargeable against corporate stock herein authorized.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting 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 Corporate Stock (Cal. No. 156).

The Secretary presented a report of the Committee on Corporate Stock Budget in the matter of the request from the President of the Borough of Manhattan for $40,000 in corporate stock to make alterations in the Carmine Street Public Bath House and Gymnasium to conform to the lines of the 7th avenue extension.

It is recommended that the request for corporate stock be denied, as in the opinion of the Committee on Corporate Stock Budget the cost of reconstruction should be met from proceeds of special revenue bonds. The plan suggested will effect a saving of $37,000.

(On April 17, 1914 (Cal. No. 28), the above request was referred to said Committee.)

(On May 22, 1914 (Cal. No. 11), the report was laid over for one week.)

Which was laid over for one week (June 5, 1914), upon the request of the President of the Borough of Manhattan.

Change of Grade Damage Commission—Issue of Corporate Stock (Cal. No. 157).

(On April 24, 1914 (Cal. No. 6), the request of Commissioner Robinson for an appropriation of $9,300 to meet the salaries and expenses of the Change of Grade Damage Commission for the 23d and 24th Wards up to and including May 31, 1914, was referred to the Committee on Corporate Stock Budget.)

(On May 22, 1914 (Cal. No. 12), there was presented to the Board, the report of the Committee on Corporate Stock Budget, recommending an issue of $7,000 corporate stock for said purpose, and further recommending that all employees of said Commission be dropped and the present office be vacated, etc., and a resolution was adopted carrying out the latter recommendations.

(The resolution authorizing the issue of $7,000 corporate stock to pay the salaries and other expenses, was laid over one week (May 28, 1914), under rule 19.)

The following resolution was offered:

Resolved, That, pursuant to the provisions of chapter 537, Laws of 1893, as amended by chapter 567, Laws of 1894; chapter 205, Laws of 1898; chapters 707, 708 and 709, Laws of 1899; chapter 729, Laws of 1900; chapter 747, Laws of 1905, and section 170 of the Greater New York Charter, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding seven thousand dollars ($7,000), the proceeds whereof, to the par value of the stock, to be applied to defraying the expenses of the Change of Grade Damage Commission, as follows:

Salaries, to and including May 31, 1914	$6,400 00
Expenses, other than salaries	600 00

Which was adopted by the following vote:

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

Public Service Commission for the First District—Consent to Award of Contract for the Construction of Section 1 of Routes 4 and 38, Being a Portion of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad, and the Issue of Corporate Stock Therefor (Cal. No. 158).

(On April 24, 1914 (Cal. No. 25), the requisition of the Public Service Commission in this matter was referred to the Comptroller.)

(On May 22, 1914 (Cal. No. 17), the report of the Comptroller thereon was laid over one week under rule 19.)

The Secretary presented the following requisition of the Public Service Commission for the First District, dated April 21, 1914, for consent to the award to the Rapid Transit Subway Construction Company of the contract for the construction for section 1 of routes 4 and 38, being a portion of the proposed Seventh Avenue-Lexington Avenue Rapid Transit Railroad, and the issue of corporate stock therefor; and report of the Comptroller recommending approval thereof:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York, April 21, 1914.

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

The Public Service Commission for the First District herewith transmits to you for your consent as required by law a proposed contract between The City of New York, Interborough Rapid Transit Company and Rapid Transit Subway Construction Company for the construction of Section No. 1 of Routes Nos. 4 and 38, being that portion of the proposed Seventh Avenue-Lexington Avenue Rapid Transit Railroad which begins at a point under Battery Park in the Borough of Manhattan: The westerly track about four hundred and seventy-five (475) feet south of the northerly building line of Battery place and about one hundred and thirty (130) feet east of the easterly building line of Greenwich street produced; the easterly track at a point about three hundred and five (305) feet south of the northerly building line of Battery place and about ninety-five (95) feet east of the easterly building line of Greenwich street produced; both tracks extending thence northerly under Battery Park and Greenwich street to a point about seventy (70) feet south of the southerly building line of Vesey street.

The Public Service Commission for the First District requests your Honorable Board to consent to said contract herewith transmitted and to prescribe a limit to the amount of bonds available to meet the requirements of the City's obligation under said contract, to wit., the sum of one hundred and six thousand and fifty-three and 86-100 dollars ($106,053.86), and also to direct the Comptroller of The City of New York to issue the bonds of said Ctiy at such a rate of interest as the Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means to meet the City's share of executing said contract, to wit., the sum of one hundred and six thousand and fifty-three and 86-100 ($106,053.86).

The Public Service Commission for the First District does hereby, pursuant to section 45 of the Greater New York Charter, make request for the authorization of such corporate stock for the full amount sufficient to pay the entire estimated expense to the City of executing such contract, to wit., the sum of one hundred and six thousand and fifty-three and 85-100 dollars ($106,053.86).

This requisition is a subrequisition on account of and not in addition to the requisition made by the Public Service Commission for the First District under date of March 18, 1913, upon your Honorable Board for twenty-eight million two hundred thousand dollars ($28,200,000) for the purpose of carrying out the contract dated March 19, 1913, known as Contract No. 3, between The City of New York, acting by the Public Service Commission for the First District, and Interborough Rapid Transit Company for additional rapid transit railroads and the appropriation made thereunder by your Honorable Board on March 18, 1913.

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 21st day of April, 1914.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by EDWARD E. McCALL, Chairman.

(Seal.)

Attest: TRAVIS H. WHITNEY, Secretary.

RAPID TRANSIT RAILROAD.

CONTRACT.

Routes Nos. 4 and 38, Section No. 1.

Agreement made this day of , 1914, between The City of New York, hereinafter called the City, acting by the Public Service Commission for the First District, hereinafter called the Commission, party of the first part, Interborough Rapid Transit Company, a corporation organized and existing under the laws of the State of New York, hereinafter called the Interborough Company, party

of the second part, and Rapid Transit Subway Construction Company, a corporation duly organized and existing under the laws of the State of New York, hereinafter called the Contractor, party of the third part.

Whereas, on or about the 19th day of March, 1913, the City, acting by the Commission, entered into a contract with the Interborough Company for the equipment, maintenance and operation of certain additional rapid transit railroads or extensions of the rapid transit railroads now operated by the Interborough Company under lease from the City therein specifically described, including the Railroad to be constructed hereunder, and as one of the terms and conditions of such contract the Interborough Company agreed to contribute toward the cost of construction of such railroads and to disburse part of its said contribution through the medium of construction contracts to which it should be a party for the purpose of making such disbursement; and

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

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

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

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

Agree with each other as follows:

Chapter I.

General Provisions and Definitions.

Outline of Contract.

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

Brief Description of Works.

Article II. The Railroad to be constructed under this contract forms part of a certain route adopted by the Board of Rapid Transit Railroad Commissioners for The City of New York on May 12, 1905, which is known as the Seventh Avenue and Eighth Avenue Route or Route No. 4. The part to be constructed under this contract consists of

Section No. 1.

Beginning under Battery Park, in the Borough of Manhattan: The westerly track about four hundred and seventy-five (475) feet south of the northerly building line of Battery Place and about one hundred and thirty (130) feet east of the easterly building line of Greenwich Street produced; the easterly track at a point about three hundred and five (305) feet south of the northerly building line of Battery Place and about ninety-five (95) feet east of the easterly building line of Greenwich Street produced; both tracks extending thence northerly under Battery Park and Greenwich Street to a point about seventy (70) feet south of the southerly building line of Vesey Street.

The location of the tracks and the dimensions and other characteristics of the Railroad are given in the specifications forming a part of this contract and in the contract drawings hereinafter mentioned.

Statutes Incorporated Herein.

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

Marginal Notes, etc.

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

Definitions of Words.

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

"City."

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

"Commission."

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

"Interborough Company."

(3) The words "Interborough Company" to mean Interborough Rapid Transit Company, party of the second part to this contract, and its successors and assigns.

"Contractor."

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

"Comptroller."

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

"Engineer."

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

"Inspector."

(7) The word "Inspector" to mean any representative of the Engineer designated by him to act as inspector.

"Rapid Transit Act."

(8) The words "Rapid Transit Act" to mean chapter 4 of the laws of 1891 as amended by chapters 102 and 556 of the laws of 1892, chapters 528 and 752 of the laws of 1894, chapter 519 of the laws of 1895, chapter 729 of the laws of 1896, chapter 616 of the laws of 1900, chapter 587 of the laws of 1901, chapters 533, 542, 544 and 584 of the laws of 1902, chapters 562 and 564 of the laws of 1904, chapters 599 and 631 of the laws of 1905, chapters 472, 606 and 607 of the laws of 1906, chapters 429 and 534 of the laws of 1907, chapter 472 of the laws of 1908, chapter 498 of the laws of 1909, chapters 205, 504, 505 and 506 of the laws of 1910, chapter 888 of the laws of 1911, chapter 226 of the laws of 1912, and chapters 100, 510, 524 and 540 of the laws of 1913, or as heretofore otherwise amended.

"Railroad."

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

"The Works."

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

"New York."

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

"Daily Newspaper."

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

"Notice"—"Direction."

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

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

Legal Address of Contractor—Address May Be Changed.

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

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

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

Commission May Disapprove Sub-contractors.

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

Chapter II.

Work to Be Done, Prices, Etc.

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

Construction Includes Incidental Work.

Article X. In order to construct the Railroad it will be necessary to take up and relay the sidewalk and roadway pavement or other surface material, and to protect, support and maintain during construction all buildings and other structures, including their foundations, and all surface, subsurface and elevated railroads, water mains, gas pipes, electric subways, poles and wires, pneumatic tubes, steam pipes, mail tubes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections, as the same may be met with along the route; to build sewers both along the route and other streets; to make or remake the necessary manholes, catch basins and other sewer connections therewith; to move, alter, readjust or rebuild water mains, gas pipes, electric subways, pneumatic tubes, steam pipes, mail tubes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections; and to do all such additional and incidental work as may be necessary for the completion of the Railroad and the reconstruction and restoration of the street pavements or other surfaces adjacent to the route of the Railroad and which may have been directly or indirectly disturbed or injured by the Contractor in the progress of the work of construction, to as useful, safe, durable and good a condition as existed before construction shall have been begun. All such work of every description, including underpinning, or the maintaining, protecting and securing, wherever necessary, of all buildings or structures of whatsoever nature, monuments, and surface, subsurface and elevated railroads affected by or interfered with during the construction of the Railroad, is part of the work which is included in this contract and which the Contractor agrees to perform for the prices herein agreed upon.

Prices.

Article XI. The City and the Interborough Company will pay in the respective proportions and amounts and in the manner hereinafter provided and the Contractor shall receive in full compensation for furnishing the necessary plant and all the materials and labor, and for performing and completing all the work which is necessary or proper to be furnished or performed in order to complete the Railroad (including all incidental work) and also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen obstruction or difficulty encountered in the prosecution of the work, and for all risks of any description connected with the work, and for all expenses incurred by or in consequence of the suspension or discontinuance of the work as herein specified, the prices contained in the Schedule of Unit Prices following. It is specifically understood and agreed, however, that the Interborough Company is a party to this contract solely for the purpose of making its contribution toward the cost of construction of the Railroad, as provided in the said contract dated March 19, 1913, and its sole obligation under this contract is to make the payments in the manner and to the amount hereinafter provided.

Schedule of Unit Prices.

Item 1. For earth excavation above mean high water (except excavation for sewers, pipes and ducts), including the disposal of it, etc., the sum of four dollars and fifty cents ($4.50) per cubic yard.

Item 2. For earth excavation below mean high water (except excavation for sewers, pipes and ducts), including the disposal of it, etc., the sum of five dollars and fifty cents ($5.50) per cubic yard.

Item 2-A. For earth excavation, both above and below mean high water, for sewers, pipes and ducts other than street railroad ducts, including the disposal of it, etc., the sum of four dollars and fifty cents ($4.50) per cubic yard.

Item 3. For rock excavation (except excavation for sewers, pipes and ducts), including the disposal of it, etc., the sum of five dollars ($5) per cubic yard.

Item 3-A. For rock excavation for sewers, pipes and ducts other than street railroad ducts, including the disposal of it, etc., the sum of five dollars ($5) per cubic yard.

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

(a) For buildings less than seven (7) stories in height the sum of seventy dollars ($70) per lineal front foot of building underpinned.

(b) For buildings from seven (7) to twelve (12) stories, inclusive, in height the sum of one hundred dollars ($100) per lineal front foot of building underpinned.

Item 4-E. For maintaining, protecting and securing buildings, including all incidental work, labor and material, the sum of forty dollars ($40) per lineal front foot of building maintained, protected and secured.

Item 4-L. For maintaining, protecting and securing the New York Steam Company's building and its contents, as required by Section No. 427 of the Specifications, the sum of twenty thousand dollars ($20,000).

Item 6. For concrete masonry, in place, the sum of seven dollars and fifty cents ($7.50) per cubic yard.

Item 7. For protective concrete masonry, in place, outside of waterproofing, the sum of seven dollars and fifty cents ($7.50) per cubic yard.

Item 8. For rubble stone masonry, in place, the sum of five dollars and fifty cents ($5.50) per cubic yard.

Item 8-A. For dry rubble masonry, in place, the sum of four dollars and fifty cents ($4.50) per cubic yard.

Item 9. For brick masonry, in place, the sum of fifteen dollars ($15) per cubic yard.

Item 10. For hollow terra cotta brick or tile masonry of any thickness, in place, the sum of fifteen dollars ($15) per cubic yard.

Item 11. For grout of Portland cement, the sum of two dollars and fifty cents ($2.50) per barrel of Portland cement used.

Item 12. For timber piles, in place and prepared, the sum of sixty cents ($0.60) per lineal foot.

Item 13. For timber foundations, placed and fastened, the sum of seventy-five dollars ($75) per thousand feet, board measure.

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

Item 15. For waterproofing, treated woven fabric (except dry ply), laid with pitch or asphaltum, in place, as follows:

(a) For one-ply, the sum of fifty cents ($0.50) per square yard.

(b) For two-ply, the sum of seventy-five cents ($0.75) per square yard.

(c) For three-ply, the sum of one dollar ($1) per square yard.

(d) For four-ply, the sum of one dollar and twenty-five cents ($1.25) per square yard.

(e) For five-ply, the sum of one dollar and fifty cents ($1.50) per square yard.

(f) For six-ply, the sum of one dollar and seventy-five cents ($1.75) per square yard.

(i) For dry-ply, the sum of forty cents ($0.40) per square yard.

Item 16. For waterproofing, brick laid in asphalt mastic, in place, the sum of twenty-seven dollars ($27) per cubic yard.

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

(a) For twelve (12) inch vitrified pipe, the sum of seventy-five cents ($0.75) per lineal foot.

(b) For ten (10) inch vitrified pipe, the sum of sixty cents ($0.60) per lineal foot.

(c) For eight (8) inch vitrified pipe, the sum of fifty cents ($0.50) per lineal foot.

(d) For six (6) inch vitrified pipe, the sum of forty cents ($0.40) per lineal foot.

(e) For four (4) inch vitrified pipe, the sum of thirty-five cents ($0.35) per lineal foot.

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

(h) For four (4) inch cast-iron pipe, the sum of seventy-five dollars ($75) per lineal foot.

(i) For ten (10) inch cast-iron pipe, the sum of one dollar and fifty cents ($1.50) per lineal foot.

Item 17-A. For cast-iron pipe and fittings, including specials, "extra heavy," in place, as follows:

(a) For three (3) inch, the sum of eighty cents ($0.80) per lineal foot.

(b) For four (4) inch, the sum of one dollar ($1) per lineal foot.

(c) For six (6) inch, the sum of one dollar and thirty cents ($1.30) per lineal foot.

(d) For eight (8) inch, the sum of one dollar and eighty cents ($1.80) per lineal foot.

Item 18. For tunnel ducts, in place, as required by Section No. 407 of the Specifications, the sum of ten cents ($0.10) per duct foot.

Item 18-A. For Railroad ducts, in place, as required by Section No. 407 of the Specifications, the sum of fifteen cents ($0.15) per duct foot.

Item 19. For riveted steel, painted and erected, the sum of sixty-seven dollars and fifty cents ($67.50) per ton of two thousand pounds.

Item 19-D. For the removal and disposal of concrete and steel in the roof of the Hudson & Manhattan Railroad tunnel at Cortlandt St., the sum of two thousand dollars ($2,000).

Item 20. For steel beams and shapes with connections, painted and erected, the sum of fifty-nine dollars ($59) per ton of two thousand pounds.

Item 21. For steel rods and bars built in concrete, the sum of seventy-five dollars ($75) per ton of two thousand pounds.

Item 25. For miscellaneous iron castings (other than tunnel lining) such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes, in place, the sum of sixty dollars ($60) per ton of two thousand pounds.

Item 25-C. For miscellaneous iron furnishings for sewer manholes and basins, both cast and wrought, such as manhole and basin heads, covers, inlet gratings or bars, manhole steps, etc., but not including pipe, in place, the sum of seventy dollars ($70) per ton of two thousand pounds.

Item 26. For special wire forms, in place, the sum of ten cents ($0.10) per pound.

Item 27. For one and one-half (1½) inch galvanized iron pipe hand-rail, in place, including expansion bolts, etc., the sum of forty cents ($0.40) per lineal foot.

Item 28. For steel gratings for ventilation, in place, including frames, etc., the sum of one dollar and fifty cents ($1.50) per square foot.

Item 29. For vault lights, in place, the sum of one dollar and fifty cents ($1.50) per square foot.

Item 30. For street surface restored, as follows:

(a) Within curb lines, including curbs and all structures and growths therein or thereon, the sum of one dollar and fifty cents ($1.50) per square yard.

(e) For repavement of roadways between curb lines with Asphalt pavement, the sum of three dollars ($3) per square yard.

(f) For repavement of roadways between curb lines with Granite Block pavement, the sum of three dollars and fifty cents ($3.50) per square yard.

(i) For new bluestone curb, in place, including all incidental work, labor and material, the sum of one dollar and twenty-five cents ($1.25) per lineal foot.

(j) For repavement of roadways between curb lines with Wooden Block pavement, the sum of three dollars and fifty cents ($3.50) per square yard.

Item 31. For park surface restored (all classes), the sum of one dollar and fifty cents ($1.50) per square yard.

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

(a) For three-fourths (¾) inch wrought-iron conduits, the sum of twenty-five cents ($0.25) per lineal foot.

(b) For one and one-half (1½) inch wrought-iron conduits, the sum of forty cents ($0.40) per lineal foot.

(c) For two (2) inch wrought-iron conduits, the sum of fifty cents ($0.50) per lineal foot.

(d) For one (1) inch wrought-iron conduits, the sum of thirty cents ($0.30) per lineal foot.

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

Item 33-A. For cast-iron pull boxes, in place, in stations, the sum of two dollars ($2) each.

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

(a) For six (6) inch the sum of one dollar and fifty cents ($1.50) per lineal foot.

(b) For three (3) inch the sum of one dollar ($1) per lineal foot.

SEWERS.

Vitrified and Cast-iron Pipe.

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

Item 38. For fifteen (15) inch vitrified pipe sewer, the sum of three dollars and fifty cents ($3.50) per lineal foot.

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

Item 40. For twenty (20) inch vitrified pipe sewer, the sum of four dollars and twenty-five cents ($4.25) per lineal foot.

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

Item 41. For twenty-four (24) inch vitrified pipe sewer, the sum of five dollars and twenty-five cents ($5.25) per lineal foot.

Item 42. For cast-iron sewer pipe (straight pipe) in place, in the work, the sum of forty-five dollars ($45) per ton of two thousand pounds.

Item 43. For cast-iron sewer pipe (special castings) in place, in the work, the sum of seventy-five dollars ($75) per ton of two thousand pounds.

Egg-shaped Brick or Concrete Sewers.

Item 45. For 3 feet 6 inches by 2 feet 4 inches, the sum of seven dollars ($7) per lineal foot.

Item 47. For 4 feet by 2 feet 8 inches, the sum of eight dollars ($8) per lineal foot.

Item 50. For 4 feet 9 inches by 3 feet 2 inches, the sum of nine dollars ($9) per lineal foot.

Item 50-A. For 5 feet by 3 feet 4 inches, the sum of ten dollars ($10) per lineal foot.

Circular Sewers—Brick or Concrete or Reinforced Concrete.

Item 52-A. For 3 feet, the sum of seven dollars and fifty cents ($7.50) per lineal foot.

SURFACE AND SUBSURFACE STRUCTURES.

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

(a) For electric (underground trolley) railroads, the sum of twelve dollars ($12) per lineal foot of single track.

(b) For horse, storage battery or other independent motor operated railroads, the sum of five dollars ($5) per lineal foot of single track.

Item 76. For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, as follows:

(a) For elevated railroad columns supported entirely upon the subway structure, the sum of seven hundred dollars ($700) per column.

(b) For elevated railroad columns supported partly or entirely off the subway structure, the sum of seven hundred dollars ($700) per column.

PIPES IN STREETS.

For Work and Materials as Called for by the Specifications.

Water Pipes.

For water pipes, including all appurtenances, in place, as follows:

Item 78. For 4-inch water pipe, the sum of seventy-five cents ($0.75) per lineal foot.

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

Item 82. For 12-inch water pipe, the sum of one dollar and fifty cents ($1.50) per lineal foot.

Item 84. For 20-inch water pipe, the sum of two dollars and fifty cents ($2.50) per lineal foot.

Item 88-A. For service connections for water pipes, all sizes, the sum of twenty dollars ($20) each.

Gas Pipes.

For cast-iron gas pipes, including all appurtenances, in place, as follows:

Item 89. For 3-inch gas pipe, the sum of sixty cents ($0.60) per lineal foot.

Item 90. For 4-inch gas pipe, the sum of seventy-five cents ($0.75) per lineal foot.

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

Item 92. For 8-inch gas pipe, the sum of one dollar and fifteen cents ($1.15) per lineal foot.

Item 94. For 12-inch gas pipe, the sum of one dollar and fifty cents ($1.50) per lineal foot.

Item 96. For 20-inch gas pipe, the sum of two dollars and fifty cents ($2.50) per lineal foot.

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

(a) For 6-inch by-passing pipe, the sum of three dollars ($3) per lineal foot.

(b) For 8-inch by-passing pipe, the sum of five dollars ($5) per lineal foot.

(e) For 16-inch by-passing pipe, the sum of ten dollars ($10) per lineal foot.

Item 99-D. For service connections for gas pipes, all sizes, the sum of thirteen dollars ($13) each.

New Water and Gas Pipe.

Item 100. For new cast-iron hub and spigot straight pipe actually used, as measured in place in the work, the sum of forty dollars ($40) per ton of two thousand pounds.

Item 101. For new cast-iron hub and spigot pipe, special castings, actually used, as measured in place in the work, the sum of seventy dollars ($70) per ton of two thousand pounds.

High Pressure Fire System Pipes, Standard Spigot and Grooves.

For high pressure fire system pipe, including all appurtenances, in place, as follows:

Item 102. For 8-inch high pressure fire system water pipe, the sum of two dollars and fifty cents ($2.50) per lineal foot.

Item 103. For 12-inch high pressure fire system water pipe, the sum of three dollars and fifty cents ($3.50) per lineal foot.

Item 104. For 16-inch high pressure fire system water pipe, the sum of four dollars and fifty cents ($4.50) per lineal foot.

Item 105. For 20-inch high pressure fire system water pipe, the sum of five dollars and fifty cents ($5.50) per lineal foot.

New Cast-iron Spigot and Groove Pipe for High Pressure Fire System.

Item 107. For new cast-iron spigot and groove straight pipe actually used, as measured in place in the work, the sum of forty-five dollars ($45) per ton of two thousand pounds.

Item 108. For new cast-iron spigot and groove pipe, special castings, actually used, as measured in place in the work, the sum of eighty dollars ($80) per ton of two thousand pounds.

Steam Pipes.

For steam pipe, including specials, insulation, protection and all other appurtenances, in place, as follows:

Item 109. For 6-inch steam pipe, the sum of six dollars ($6) per lineal foot.

Item 109-A. For 4-inch steam pipe, the sum of five dollars ($5) per lineal foot.

Item 110. For 8-inch steam pipe, the sum of seven dollars ($7) per lineal foot.

Item 111. For 10-inch steam pipe, the sum of ten dollars ($10) per lineal foot.

Item 113. For 15-inch steam pipe, the sum of fourteen dollars ($14) per lineal foot.

Item 114-A. For steam mains by-passed, as required by Section No. 427 of the Specifications, as follows:

(f) For 15-inch pipe by-passed, the sum of fourteen dollars and twenty-five cents ($14.25) per lineal foot.

Item 114-B. For service connections for steam pipes, all sizes, the sum of one hundred and fifty dollars ($150) each.

New Steam Pipes.

For new steel welded flanged steam pipe, including specials and all other appurtenances, actually used, as measured in place in the work, as follows:

Item 115. For new 6-inch steam pipe, the sum of six dollars and twenty-five cents ($6.25) per lineal foot.

Item 116. For new 8-inch steam pipe, the sum of eight dollars and seventy-five cents ($8.75) per lineal foot.

Item 117. For new 10-inch steam pipe, the sum of twelve dollars ($12) per lineal foot.

Item 119. For new 15-inch steam pipe, the sum of twenty-three dollars ($23) per lineal foot.

Item 120-A. For new steam pipe, odd sizes, as follows:

(b) For 4-inch steam pipe, the sum of five dollars and fifty cents ($5.50) per lineal foot.

Air Pipes.

For air pipes, including all appurtenances, in place, as follows:

Item 121. For 6-inch air pipe, the sum of one dollar and twenty-five cents ($1.25) per lineal foot.

Item 122. For 8-inch air pipe, the sum of one dollar and fifty cents ($1.50) per lineal foot.

Item 122-B. For 2-inch air pipe in connection with mail tubes, the sum of seventy-five cents ($0.75) per lineal foot.

Item 122-C. For 4-inch air pipe in connection with mail tubes, the sum of one dollar ($1) per lineal foot.

New Air Pipe.

For new air pipe, including specials and all other appurtenances, actually used, as measured in place in the work, as follows:

Item 123. For new 6-inch air pipe, the sum of two dollars ($2) per lineal foot.

Item 124. For new 8-inch air pipe, the sum of two dollars and fifty cents ($2.50) per lineal foot.

Item 124-B. For new 2-inch air pipe in connection with mail tubes, the sum of seventy-five cents ($0.75) per lineal foot.

Item 124-C. For new 4-inch air pipe in connection with mail tubes, the sum of one dollar and fifty cents ($1.50) per lineal foot.

Mail Tubes.

For mail tubes, including all appurtenances, in place, as follows:

Item 125. For 8-inch mail tube, the sum of three dollars ($3) per lineal foot.

Item 126-A. For 2¼-inch Postal tube, the sum of one dollar and fifty cents ($1.50) per lineal foot.

Item 126-B. For new 2¼-inch Postal tube actually used, as measured in place in the work, the sum of two dollars ($2) per lineal foot.

Item 126-C. For new mail tube, including all appurtenances, actually used, as measured in place in the work, as follows:

(a) For new 8-inch mail tube, straight pipe, the sum of three dollars ($3) per lineal foot.

(b) For new 8-inch mail tube, curved pipe, the sum of five dollars ($5) per lineal foot.

Item 126-D. For 1¾-inch Western Union tube, the sum of fifty cents ($0.50) per lineal foot.

Item 126-E. For new 1¾-inch Western Union tube actually used, as measured in place in the work, the sum of fifty cents ($0.50) per lineal foot.

DUCTS IN STREETS.

Electric Ducts and Conduits in Streets.

[Other than Railroad ducts and street railroad ducts which are provided for in Schedule Items 18, 18-A and 75-(a).]

Item 127. For electric ducts and conduits in place, as provided in Section No. 62 of the Specifications, the sum of fifty cents ($0.50) per duct foot.

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

(a) For 2½-inch wrought-iron pipe, the sum of sixty cents ($0.60) per lineal foot.

(b) For 3-inch wrought-iron pipe, the sum of sixty-five cents ($0.65) per lineal foot.

(c) For 3½-inch wrought-iron pipe, the sum of seventy cents ($0.70) per lineal foot.

(d) For 4-inch wrought-iron pipe, the sum of seventy-five cents ($0.75) per lineal foot.

(e) For 4½-inch wrought-iron pipe, the sum of eighty cents ($0.80) per lineal foot.

(f) For 2-inch Edison Conduit, the sum of fifty cents ($0.50) per lineal foot.

(g) For 2½-inch Edison Conduit, the sum of sixty cents ($0.60) per lineal foot.

Item 127-C. For service connections for electric ducts, all sizes, the sum of twenty dollars ($20) each.

Prices for Work Not Susceptible of Classification.

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

Daily Report in Detail Required.

In case any work or material shall be required to be done or furnished under the provisions of this Article, for cost plus ten (10%) per centum, the Contractor shall at the end of each day during the progress thereof furnish to the Engineer daily time slips showing the name and number of each workman employed thereon, the number of hours employed thereon, the character of work he is doing and the wages paid or to be paid to him, and also a daily memorandum of the material delivered on the work showing the amount and character of such material, from whom purchased and the amount paid or to be paid therefor. If required, the Contractor shall produce any books, vouchers, records or memoranda showing the work and materials actually paid for and the actual prices therefor. Such daily time slips and memoranda shall not, however, be binding upon the City and if any question or dispute shall arise as to the correct cost of such work or material, the determination of the Engineer upon such question or dispute shall be final and conclusive.

In lieu of the provision hereinbefore in this article contained for paying for work and materials which in the opinion of the Engineer are not susceptible of classification under the Schedule of Unit Prices (including the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material), the Engineer may in his discretion, but only with the approval of the Commission, fix and determine unit prices for such labor and materials (including the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material), or a lump sum price therefor. Such additional unit prices or such lump sum price shall be embodied in a Supplemental Schedule and shall be filed by the Engineer in his office. If the Contractor shall notify the Engineer in writing that he will not accept the price or prices fixed and determined as aforesaid he shall be paid in accordance with the provisions of the first two paragraphs of this article.

Quantities Approximate Only.

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

Right of Commission to Amplify Drawings.

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

Plans May be Modified.

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

Contractor Bound to Complete in Best Manner.

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

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

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

Contractor Has Examined Location, Drawings, Etc.

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

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

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

Inspection.

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

Contractor to Afford Facilities for Inspection.

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

Engineer to Be Furnished Facilities.

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

Inspection Not to Relieve Contractor of Obligations.

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

Engineer's Determination—To Be Final and Conclusive upon Contractor.

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

Engineer to Explain Specifications.

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

Contractor to Obey Directions.

The Contractor shall promptly obey and follow every direction which shall be given by the Engineer, including any direction which the Engineer shall give by way of withdrawal, modification or reversal of any previous direction given by him.

Other Contractors.

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

Whenever any work performed or to be performed by the Contractor under this contract shall adjoin, affect or interfere with any work performed or to be performed by any other contractor or contractors of the Commission, including the work within twenty (20) feet of the division lines between the Railroad and adjoining work, the Engineer shall decide any question or dispute between the Contractor and such other contractor or contractors and shall determine which of them shall perform or complete any work and the manner, time and method in which they shall perform their respective work and the facilities which each shall afford to the other or others.

Whenever any work performed or to be performed by the Contractor under this contract shall adjoin, affect or interfere with any work performed or to be performed by any contractor or contractors of the Interborough Company in connection with the equipment of the Railroad, the Engineer shall decide any question or dispute between the Contractor and such other contractor or contractors and shall determine the manner, time and method in which they shall perform their respective work and the facilities which each shall afford to the other or others.

Substitute for Chief Engineer.

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

Chapter III.

SPECIFICATIONS.

Specifications and Drawings to Be Interpreted as Requiring Railroad of Highest Class —Where Text of Contract Doubtful, Best Materials and Workmanship Required.

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

To Construct in Accordance With Specifications.

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

Maps and Drawings.

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

ROUTES NOS. 4 AND 38, SECTION No. 1.

Contract Drawing No.

and are designated or numbered as follows:

A-2, B-257 to B-259 inclusive, C-1 to C-24 inclusive, C-401, C-601, C-602 and C-603, and are dated October 16, 1913, and the following typical drawings, which are all countersigned by the Engineer, stamped with the seal of the Commission and bear the general title

Contract Drawing No.

and are designated or numbered as follows:

B-288, B-289 and B-290, dated October 22, 1913, C-1001, dated April 16, 1913, and C-701, dated June 11, 1913.

Typical Sections and Dimensions.

Section No. 4. The sections and dimensions shown on the contract drawings are typical sections and dimensions which should be applicable to the greater part of the work. Working drawings to amplify the contract will be furnished by the Commission to the Contractor, from which the shop drawings shall be made by him. The first of these drawings will be given to the Contractor within 30 days after contract is delivered and the remainder from time to time as may be reasonably required by the Contractor. Where, however, changes are deemed necessary they may be ordered under Article XV of the contract and the Engineer shall issue such plans and specifications as may be necessary.

Supplementary Drawings.

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

Supplementary Drawings May Be Examined.

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

In Case of Difficulties Not Indicated on Supplementary Drawings.

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

Specifications Do Not Include All Requirements.

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

Subdivisions of Specifications.

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

1. Brief description of the work.
2. General clauses.
3. General manner of prosecution and maintenance of traffic.
4. Street railroad tracks, mains and other surface, subsurface and overhead structures.
5. Excavation.
6. Backfilling.
7. Piling and timbering.
8. Cement.
9. Mortar.
10. Masonry.
11. Concrete.
12. Brick masonry.
13. Stone masonry.
14. Waterproofing.
15. Steel and iron.
15. Painting.
17. Drains and pumps.
18. Sewers.
19. Requirements for pipes.
20. Ducts.
21. Conduits.
22. Surfaces restored.
23. Gratings, hand-rails, etc.
24. Special matters.

SUBDIVISION 1.

Brief Description of the Work.

General Nature.

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

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

Stations to Be Constructed.

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

Incidental Work.

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

Ventilating Chambers and Gratings.

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

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

Payment for Chamber Doors.

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

Partition Walls.

Also in connection with the ventilation of the Railroad partition walls shall be constructed between the tracks.

Refuge Niches.

Openings, or refuge niches, shall be provided in all partition walls at suitable intervals.

At stations the walls between the tracks will be omitted.

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

SUBDIVISION 2.

General Clauses.

Prevention of Water Percolation.

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

Best Quality of Work.

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

Rapidity and Safety.

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

Railroad Part of System.

Section No. 16. The Railroad forms part of an extensive rapid transit railroad system, which the interest of the City imperatively require shall be completed and put into operation without delay. If the Contractor shall not prosecute his work in such manner as to make it reasonably probable in the judgment of the Engineer that the work will be completed within the time limited, the Contractor, if directed by the Commission, shall increase the number of shifts and the number of men in each shift to such extent as may be necessary to insure the completion of the work within the time required by this contract, or within the shortest possible time thereafter.

Emergencies.

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

Permits.

Section No. 18. No work shall be begun until the Commission shall issue to the Contractor a permit authorizing him to proceed. No permits for excavation will be issued until the Contractor has given satisfactory assurance to the Engineer that the structural iron and steel and other material needed for construction will be available. The Contractor must conduct his work so as to avoid advancing the excavation at any place ahead of the delivery on the work or on property owned or leased by the City of the structural iron and steel required for such place, unless otherwise permitted by the Engineer. If the Contractor elects and is permitted to advance the excavation ahead of such steel delivery it will become necessary for him to support and maintain the trenches until the steel can be obtained; this he shall do entirely at his own risk and expense. The permits are to be in such form and shall cover such portions of the work as the Commission shall prescribe.

When to Be Filed With Borough President.

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

Notice Regarding Commencement of Work.

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

Shafts and Dumping Platforms—Plans Required.

Section No. 21. Detailed plans showing the proposed location and proposed methods of construction of shafts, dumping platforms and all other appurtenances in connection with the shaft working plants shall be submitted to the Engineer and receive his approval before permits will be granted for such plants and appurtenances to be constructed and put in operation.

City Ordinances and Regulations to Be Observed.

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

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

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

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

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

Storage on Cross Streets.

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

No material of any nature shall be stored along the streets occupied by the Railroad.

Material Stored.

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

Approval of Engineer Revocable.

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

Access to Fire Hydrants.

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

Fire Alarm Telegraph System to Be Safeguarded.

The Contractor shall guard, maintain and protect the existing wires, cables, ducts, manholes, posts and poles of the Fire Department. He shall not cause the interruption of the existing Fire Department Fire Alarm Telegraph service. No Fire Department wire, cable, duct, manhole, post or pole shall be disturbed except in the presence of a representative of the Bureau of Fire Alarm Telegraph. In case of the disturbance of any of the former, the same shall be restored to its existing condition by the Contractor at his own expense.

Work to Be Cleared.

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

Assistance to Be Rendered to Owners of Buildings.

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

Waste Material.

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

Conveniences for Men.

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

Fences.

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

Advertisements Forbidden.

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

Barricades.

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

Construction Drawings.

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

Working and Shop Drawings.

Section No. 37. The Contractor shall make all working or shop drawings which may be required in addition to the contract drawings, or in addition to such other drawings as the Commission may issue in amplification of such contract drawings, as explained above. All working or shop drawings shall be submitted in duplicate to the Engineer for his approval, which approval shall be indicated by his countersigning one set of such working or shop drawings and returning the same to the Contractor. Should the working or shop drawings be not approved by the Engineer, then the Engineer shall return one set of such working or shop drawings, with the necessary corrections and changes indicated thereon; and the Contractor must make such corrections and changes, and again submit drawings in duplicate for the approval of the Engineer; and no work called for by said working or shop drawings shall be done until the approval of the Engineer be obtained, which must be given or refused within twenty (20) working days after delivery to him at his office of such drawings in duplicate. Immediately upon final approval of such working or shop drawings by the Engineer, the Contractor shall furnish the Commission four additional copies of such approved drawings.

Lines and Grades.

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

Notice, How Given.

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

Imperfect Work.

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

Damaged Work to Be Replaced.

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

Condemned Materials to Be Removed.

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

Competent Men.

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

SUBDIVISION 3.

General Manner of Prosecution and Maintenance of Traffic.

Access to Buildings, Etc.

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

Conduct of Work.

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

Facilities for Travel.

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

Decking of Streets and Sidewalks.

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

Street Intersections.

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

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

Close Observance of Above Requirements.

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

Openings for Ventilation.

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

By-passing Gas Mains.

Section No. 52. Wherever the excavations are decked, all gas pipes the services of which cannot temporarily be dispensed with shall be by-passed, if directed by the Engineer; temporary pipes to take their place being laid upon or below the street or sidewalk surfaces. These temporary by-passing pipes will be paid for at the prices stipulated in Schedule Item 99-A. These prices are to include the cost of all excavation, backfilling, temporary paving (including maintenance of same), and the restoration of the permanent paving both upon the completion of the by-passing installation and upon the restoration of the original system, and all bagging, cutting and capping and installing circulation connection, and all other work, labor and material of whatever character necessary to provide a temporary and independent system of gas supply to take the place of the system originally in the street; to connect such temporary system with the mains in the intersecting streets where necessary; to transfer all house and lamp services to such temporary system where necessary; to remove and dispose of the material of such temporary system and to restore the original system; and no other allowance will be made therefor under any other Schedule Item or otherwise. No allowance will be made for the maintenance of such temporary system. All maintenance will be considered as of the original system, and will be as provided for in Section No. 59. All the material of the temporary system which is removed shall belong to the Contractor. All pipe included in Schedule Item 99-A shall be wrought iron of a quality and manufacture to be approved by the Engineer.

Temporary Pipes, Etc.

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

In General, Work to Proceed Under Cover.

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

SUBDIVISION 4.

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

Notice to be Given to Interested Parties.

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

Plans for Rearrangements, Procedure.

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

Reconstruction or Relaying, etc.

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

Reasonable Dispatch.

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

Maintenance, Support, Etc.—Protection from Injury.

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

Necessary Permanent Changes of Pipes.

Section No. 60. (1) Changes of water, gas or other scheduled pipes, made necessary because of physical interference of such scheduled pipes with the Railroad structure, Railroad ducts or Railroad duct manholes, and requiring the removal, relaying or reconstruction of such scheduled pipes in other than the original position, will be paid for at the prices stipulated in Schedule Items 78, 79, 82, 84, 89, 90, 91, 92, 94 and 96, and Items 102 to 105 inclusive, 109, 109-A, 110, 111, 113, 121, 122, 122-B, 122-C, 125, 126-A and 126-D. These prices are per lineal foot of such scheduled pipes laid, including the removal, relaying or reconstruction of all their service connections, all other appurtenances of whatever character and all other work, labor and material incidental thereto, made necessary because of the physical interference of such scheduled pipes with the Railroad structure, Railroad ducts or Railroad duct manholes; and no other allowance will be made therefor under any other Schedule Item or otherwise; excepting that:

Payment for New Pipes.

(2) If new pipes have to be provided to take the place of such scheduled pipes and are ordered by the Engineer, such new pipes will be paid for in addition to the price paid for laying, etc., at the prices stipulated in Schedule Items 100 and 101, 107, 108, 115, 116, 117, 119, 120-A, 123, 124, 124-B, 124-C, 126-B, 126-C and 126-E, which prices are to cover the cost of the delivery of the new pipes actually used as

measured in place in the work, and the removal and disposal of the old pipes. This does not relieve the Contractor, however, of his obligation to preserve all pipe that is in good condition and can be reclaimed and used, in order to avoid the necessity whenever possible of providing new pipe.

Payment for Excavation Outside of Lines.

(3) If such scheduled pipes in their new locations are outside of the ordered net lines of excavation for the Railroad structure, Railroad ducts or Railroad duct manholes, necessitating additional excavation and restoration of street surface, such excavation will be paid for at the prices stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92) and such restoration of street surface will be paid for at the prices stipulated in Schedule Item 30 (a), (e), (f) and (j), but only for such width as is prescribed in Section No. 61 for the excavations to be paid for. Any additional excavation and restoration of street surface, outside of the ordered net lines of excavation for the Railroad structure, Railroad ducts or Railroad duct manholes, necessitated for service connections, and for other appurtenances for scheduled pipes located either inside or outside the ordered net lines of excavation for the Railroad structure, Railroad ducts or Railroad duct manholes, will not be measured or paid for separately but compensation therefor will be deemed to be included in the prices for scheduled pipes specified in this subdivision (3) and subdivision (1) of Section No. 60.

Changes of Service Connections.

(4) Changes of the service connections of such scheduled pipes made necessary because of the physical interference of such service connections with the Railroad structure, Railroad ducts or Railroad duct manholes, whether the main pipe line is or is not changed, will be paid for at the prices stipulated in Schedule Items 88-A, 99-D and 114-B which prices are for each service changed and are to include the cost of all connections, all wrought iron pipe sleeves of whatever description, insulation where necessary, all appurtenances of whatever character, and all other work, labor and material incidental to the removing, relaying or reconstructing of such service connections, and no other allowance will be made therefor under any other Schedule Item or otherwise.

Measurements in Pipe Excavation.

Section No. 61. (1) In the estimate and payment for earth excavation for pipe laying allowance will be made for a width of trench two (2) feet wider than the interior diameter of the pipe and a depth six (6) inches deeper than the invert of the pipe, measured from the surface of the street on the line of the trench. Where, in the opinion of the Engineer, the trench for laying pipes 30 inches or more in diameter requires to be close sheeted, allowance will be made in the estimate and payment for earth excavation for a width of trench three (3) feet wider than the interior diameter of the pipe, when the trench is so sheeted.

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

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

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

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

Necessary Permanent Changes of Electric Conduits and Ducts.

Section No. 62. (1) Changes of electric conduits or ducts found in the street (other than street railway ducts, payment for which is provided in Schedule Item 75) made necessary because of physical interference of such conduits or ducts with the Railroad structure, Railroad ducts or Railroad duct manholes, and requiring the removal, relaying or reconstruction of such conduits or ducts in other than the original position, will be paid for at the prices stipulated in Schedule Items 127 and 127-A. The price per duct foot as provided in Schedule Item 127 is to include the cost of conduits or ducts in place (except wrought iron pipe ducts), of furnishing any new conduits or ducts which may be necessary, of all manholes, vaults, service boxes and their appurtenances, of drawing cables and providing new cables where necessary, of relaying and reconstructing of all services and all other work, labor and material incidental to and necessary for the completed conduit or duct lines, made necessary because of the physical interference of such conduits or ducts with the Railroad structure, Railroad ducts or Railroad duct manholes, and no other allowance will be made therefor, under any other Schedule Item or otherwise excepting that:

(2) If such conduits or ducts in their new locations are outside of the ordered net lines of excavation for the Railroad structure, Railroad ducts or Railroad duct manholes, necessitating additional excavation and restoration of street surface, such excavation will be paid for at the prices stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92) and such restoration of street surface will be paid for at the prices stipulated in Schedule Item 30 (a), (e), (f) and (j), but only for such width as is prescribed in subdivision 5 of this Section No. 62 for the excavations to be paid for. Any additional excavation and restoration of street surface, outside of the ordered net lines of excavation for the Railroad structure, Railroad ducts or Railroad duct manholes necessitated for service connections and for other appurtenances of conduits or ducts located either inside or outside the ordered net lines of excavation for the Railroad structure, Railroad ducts or Railroad duct manholes will not be measured and paid for separately, but compensation therefor will be deemed to be included in the prices for ducts specified in this subdivision (2) and subdivision (1) of this Section No. 62.

(3) Changes of the service connections of such conduits or ducts made necessary because of the physical interference of such service connections with the Railroad structure, Railroad ducts or Railroad duct manholes, whether the main conduit or duct line is or is not changed, will be paid for at the price stipulated in Schedule Item 127-C, which price is for each service changed and is to include the cost of all connections, all wrought iron pipe sleeves of whatever description, all appurtenances of whatever character and of all other work, labor and material incidental to the removing, relaying or reconstructing of such service connections and no other allowance will be made therefor under any other Schedule Item or otherwise.

(4) Wrought iron pipe ducts (including Edison tube mains) will be paid for at the prices stipulated in Schedule Item 127-A, which prices are to include all the work, labor and material specified under Item 127.

(5) In the estimate and payment for excavation for conduit and duct laying and for the building of manholes, vaults, service boxes and their appurtenances, allowance will be made in earth and in rock for a width of trench eight (8) inches wider than the duct bank or other structure, the depth, measured on the line of the trench, being taken in earth as the distance from the street surface to the lowest part of the structure; in rock as the distance from the surface of the rock to the lowest part of the structure.

Maintenance of Railroads—Surface Railroads.

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

The Contractor shall maintain and support, both temporarily and permanently, in a safe condition all street surface railroads, including ducts, cables and all other appurtenances of such railroads; he shall rebuild either in their original or in new locations all parts of such surface railroads, including ducts, cables and all other appurtenances of such railroads, whose reconstruction or rebuilding may be necessitated by the construction of the work. Payment therefor (including the cost of such work in the cases of on and off line sewer trenches) will be at the prices stipulated in Schedule Item 75, which prices will include the cost of all work, labor and material incidental thereto, and no other allowance will be made therefor under any other Schedule Item or otherwise. Where permanent masonry supports are required and added, and where additional vaults in excess of the number existing are required and constructed to give equivalent facilities, they will be paid for at the prices given in the Schedule for the several classes of work or material applicable thereto.

Elevated Railroads.

The Contractor shall maintain and support both temporarily and permanently in a safe condition all elevated railroad structures, including the reconstruction and building where necessary of all column foundations and parts of column foundations lying within and without the net lines of the railroad structure. Payment therefor (including the cost of such work in the cases of on and off line sewer trenches) will be at the rates specified in Schedule Item 76, which prices will include the cost of all incidental work, labor and material, and no other allowance will be made therefor under any other Schedule Item or otherwise.

Subsurface Railroads.

The Contractor shall support and maintain both temporarily and permanently in a safe condition, all subsurface railroads and their appurtenances. Payment therefor shall be deemed to be included in the prices for excavation, Schedule Items 1, 2 and 3. (See Section No. 427.)

Facilities to Be Given Owners to Make Extensions.

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

SUBDIVISION 5.
Excavation.
Width of Excavation.

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

Depth of Trenches.

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

Sides to Be Secured.

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

Filling Back of Sheeting.

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

Buildings Underpinned Within Certain Limits.

Section No. 69.

(1) Except for special reasons which the Engineer shall approve, the Contractor, in accordance with Section No. 67, shall secure buildings adjacent to the excavation which are supported on firm soils when a slope represented by 1 foot vertical to 2 feet horizontal, inclined downward from the bottom outer edge of the building foundation, intersects or passes beneath the bottom outer edge of the completed railroad structure; or

Underpinning Defined.

(2) When necessary to secure adjacent buildings or to prevent bringing an unusual pressure on the railroad structure when completed, the Contractor shall safely and permanently underpin adjacent buildings the foundations of which are above the bottom of the adjacent subway excavation. By underpinning is means such method of construction as will transmit the foundation loads directly through the underpinning structure to such lower level as is necessary to secure the buildings and relieve the adjacent ground from unusual lateral pressures which might endanger the safety of the railroad structure when completed. The underpinning shall be designed to furnish a safe and permanent support for each independent building. To accomplish this result, the Contractor shall use such methods of underpinning, pneumatic or otherwise, as special conditions may require and the Engineer shall approve; or

Securing Other Than Underpinning.

(3) In firm soils, the Contractor may in lieu of underpinning construct such form of permanent construction, subject to the approval of the Engineer, as may be necessary to maintain, protect and secure the adjacent buildings against displacement, provided the safety of the completed railroad structure will not be endangered by unusual pressures from such adjacent buildings.

Before the work is proceeded with, the Contractor shall submit to the Engineer drawings in duplicate indicating the proposed typical and special methods of underpinning; or of maintaining, protecting and securing the adjacent buildings.

Payment for.

Section No. 70. When underpinning of a building is necessary and the work is done as provided in (2) of Section No. 69, payment will be made to the Contractor as, and at the prices, provided in Schedule Item 4; when a building is maintained, protected and secured as provided in (3) of Section No. 69, payment will be made to the Contractor as, and at the price, provided in Schedule Item 4-E (except as provided in Section No. 427); and when a building is secured as provided in (1) of Section No. 69, payment for the work shall be deemed to be included in the prices stipulated in the Schedule for excavation, as provided in Section No. 92. These prices, Schedule Items 4 and 4-E, are per lineal front foot of building underpinned or maintained, protected and secured. In the case of underpinning a building of varying stories in height, the varying portions will be classified under and paid for at the price stipulated in the subdivision under Schedule Item 4 applicable to each portion. The lineal front foot measurement does not mean the perimeter measurement of a building front, along the lines of stoops, bay windows, etc., but the straight front measured along the line parallel to the street building line and at the sidewalk level. Where the subway excavation projects into a transverse street, as at stations, and it is necessary to underpin or to maintain, protect and secure a building, the lineal front foot measurement will be increased by the measurement in such transverse street within the limits of the subway. The prices are to include the payment for all work, labor and material of whatever nature required in connection with underpinning or with maintaining, protecting and securing the building proper, such as side walls, both interior and along transverse (except as noted above) streets; partition walls, both parallel and perpendicular to the building front; interior columns and any other work which may be required, and no other allowance will be made therefor under any other Schedule Item or otherwise. But the prices are not to include the payment for underpinning or for maintaining, protecting and securing vaults, areaways, retaining walls, stoops or porches; the payment for such work, when required, shall be deemed included in the prices for excavation, Schedule Items 1, 2 and 3. In cases where a building has not been underpinned or maintained, protected and secured but it is necessary to underpin or maintain, protect and secure vaults, areaways, retaining walls, stoops or porches, in front of such building, the payment for such work shall be deemed included in the prices for excavation, Schedule Items 1, 2 and 3. If ordered by the Engineer, the Contractor shall dig test pits alongside the building foundations to determine the necessity for underpinning or for maintaining, protecting and securing a building. Payment for such test pits will be made to the Contractor as and at the price provided in Schedule Item 2-A.

Payment for Sheeting.

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

Timber for Temporary Purposes.

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

Vaults of Abutting Property.

Section No. 73. The removal, where necessary, of all walls or other parts of abutting property along the line of the Railroad that are within the ordered net lines of excavation shall be considered as earth excavation as provided in Section No. 87 (except as provided in Section No. 427), but the restoration of all such walls and other parts of vaults originally within the ordered net lines of excavation, when susceptible of classification, will be paid for at the unit prices specified in the Schedule applicable, in the opinion of the Engineer, to the several classes of work and material involved in such restoration; or when, in the opinion of the Engineer, not susceptible of classification such work will be paid for under Article XII.

Vaults Disturbed.

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

Restoration of Vaults.

Section No. 74. Wherever vaults of abutting property are broken through or otherwise disturbed, the Contractor shall at his own cost and expense provide all materials for and erect a six-inch hollow tile wall laid in Portland cement mortar as a temporary partition on or about the building line, or as directed, that will afford proper protection to the owner or occupant of the adjoining premises. Upon the completion of the restoration of the vault such wall shall, unless otherwise directed, be immediately removed and disposed of by the Contractor at his own cost and expense.

Rock.

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

Preparations for Rock Measurement.

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

Blasting.

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

Storage of Explosives.

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

Near Pipes and Mains.

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

Beyond Net Lines.

Section No. 80. In rock excavation in the trenches for the Railroad the work must be regulated so as to avoid, as far as possible, shattering the rock beyond the ordered net lines of excavation. But, on account of the impracticability of excavating rock to an exact line, an allowance will be made to the Contractor for excess excavation in rock on the sides of the trench, as provided in Section No. 88.

Concrete Packing.

Section No. 81. In rock excavation in trench, when the rock is shattered beyond the ordered net lines of excavation, the concrete on the sides of the structure shall be rammed to the rock. Such concrete will be measured at an allowed thickness of six (6) inches outside of the ordered net lines of excavation, and will be paid for at such thickness at the price stipulated in Schedule Item 6 where the side walls of the Railroad are not waterproofed and at the price stipulated in Schedule Item 7 where the side walls of the Railroad are waterproofed. Any concrete outside of such six (6) inch allowed thickness shall be provided and placed at the Contractor's own expense.

Any excess excavation in the bottom of the trench below the net line of excavation will be replaced by a compacted backfill placed at the Contractor's expense (see Section 93).

Close Drilling.

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

Pumping.

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

Carts to be Tight.

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

Removed Expeditiously.

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

When Excavated Material May be Taken by City.

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

Earth Excavation, Definition of.

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

Excavation in Trenches, How Measured.

Section No. 88. The net outside width of the railroad structure, as ordered and indicated on the drawings, and the depth of the railroad structure, also as ordered and as indicated on the drawings are the ordered net lines of excavation and will govern as to width and depth in the measurements for payment for excavation for the Railroad; except that when rock is encountered, because of the impracticability of excavating to an exact line, an excess excavation on the sides of the trench will be measured at an allowed width of six (6) inches outside of the ordered net lines of excavation and below the top surface of the rock. No excess rock excavation will be allowed below the ordered net line of excavation at the bottom of the trench; except that rock cores, such as island platforms, required to be left within the limits of the excavation will be measured with side slopes of one-half (½) horizontal to one (1) vertical. No deduction from the volume of excavation determined by the ordered net lines of excavation, will be made on account of vault space or spaces occupied by pipes and other subsurface structures.

No Allowance Outside of Ordered Net Lines.

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

Change of Street Grade.

Section No. 90. When ordered by the Engineer or when the contract drawings indicate that the grade of any street, park or parkway is to be raised the Contractor shall fill in such places to the changed grade as required, and such work shall be measured and paid for at the price stipulated for earth excavation, Schedule Item 1.

Payment for Excavation.

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

Prices for Excavation to Include.

Section No. 92. The prices herein stipulated for excavation, Schedule Items 1, 2 and 3, are to include the cost of the disposal of the materials excavated, of backfilling, of all decking and bridging, of all sheeting and bracing, and of maintaining and supporting of trenches during and after excavation, of all pumping or bailing, and of the maintenance and support, with all incidental work, labor and material of any kind, of all surface, subsurface and overhead structures and surfaces of whatever nature, and their appurtenances, payment for the maintenance and support of which is not herein elsewhere *specifically* provided for under other schedule items or otherwise.

SUBDIVISION 6.

Backfilling.

Quality of Material—How Placed.

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

Subsurface Structures—Frozen Material Not Permitted.

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

Sheeting Removed.

Section No. 95. As fast as the work of filling permits, sheeting and other timber supporting the sides of the excavation shall be carefully withdrawn, and the spaces left by the removal of such material carefully backfilled, but if directed by the Engineer, the sheeting shall be left in place. (See Section 71.)

How Paid For.

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

SUBDIVISION 7.

Piling and Timbering.

Character of Piles.

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

Piles Driven in Required Location.

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

Payment for Timber Piles.

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

Concrete Piles.

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

Payment for Piles Other Than Timber Piles.

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

Grillage.

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

Foundation Timber.

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

Foundation Timber, Measurement and Payment.

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

SUBDIVISION 8.

Cement.

Portland Cement.

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

Brand to be Approved.

Section No. 106. Before any cement is furnished, the brand shall receive the ap-

proval of the Engineer. Cement, to be acceptable, shall be of a well-known brand which has been in successful use for large engineering works in America for at least five (5) years, and which has an established reputation for uniform character. Preference will be given to cements which, by their records, show a tendency to maintain high strength of mortar with increased age.

Inspection.

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

Tests.

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

Specific Gravity and Color.

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

Chemical Analysis.

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

Fineness.

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

Time of Setting.

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

Soundness.

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

Tensile Strength.

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

Mortar Briquettes.

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

Long-time Tests.

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

Storage During Tests.

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

How Contained.

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

Methods of Storing.

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

SUBDIVISION 9.

Mortar.

Cement and Sand—Mixing.

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

How Measured.

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

Grout.

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

Payment for Grout.

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

SUBDIVISION 10.

Masonry.

Laid in Portland Cement.

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

Water Not to Interfere With.

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

Freezing Weather.

Section No. 125. During freezing weather no masonry shall be built unless properly protected against frost, and masonry shall not be built in exposed places where in the opinion of the Engineer it is impracticable to give such protection. During freezing weather or when there is frost in the materials to be used in the masonry, the materials shall be heated. The Contractor shall provide such appliances, subject to the approval of the Engineer, as are necessary for the heating of the sand, stone and other materials.

Protected in Freezing Weather.

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

Hot Weather.

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

Pointing.

Section No. 128. Unless otherwise permitted, every joint that is to be pointed shall be raked out, within two (2) days after being laid, to a depth of at least two (2) inches.

Mortar, for Pointing.

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

Season, for Pointing.

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

Defective Masonry.

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

Stone Cleaned.

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

SUBDIVISION 11.

Concrete.

How Composed.

Section No. 133. The concrete shall be composed of gravel or broken stone, or a mixture of both, free from all dust and dirt, and mixed together with the proportion of mortar specified below. The water used in mixing concrete must be clean fresh water, no salt water being permitted.

Sand.

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

Stone.

Section No. 135. Stone for concrete shall be sound, clean gravel, or sound, hard, broken limestone, or trap rock, or a mixture of such gravel and broken stone may be used. If a mixture of gravel and broken stone is used, the Engineer may require that the gravel and broken stone be stored separately on the work and mixed in single batches as needed.

Sizes of Stone.

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

Rubble Concrete.

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

Proportions.

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

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

Section No. 140. Protective concrete outside of waterproofing lines on sides and roof, one (1) part of cement, two (2) parts of sand and four (4) parts of stone.

Mixing by Machine.

Section No. 141. Whenever practicable, concrete shall be machine mixed. A rotary machine of a pattern approved by the Engineer, and mixing only one batch at a time, shall be used. Concrete shall not be mixed on the street surface on the line of the work, unless specifically permitted.

Mixing by Hand.

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

How Laid.

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

Made Smooth to Receive Waterproofing.

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

Time for Hardening.

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

Rock Surfaces to be Cleaned.

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

Surface Rough for Bonding.

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

Joints Cleaned.

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

Forms.

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

Certain Forms not Permissible.

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

Forms, How Made.

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

Precautions in Placing.

Section No. 152. Every precaution shall be taken in placing or assembling the forms to do so in such manner that when removed, after the concrete has been placed, the faces of the concrete that are to remain exposed shall present a smooth and even surface; except that at stations on the track ceilings and walls within the limits of the station finish work and the ceilings over the platforms, the concrete shall be left with a rough surface to insure a proper bond between the concrete and the station finish plaster to be applied under another contract. To obtain this rough concrete surface, the Contractor must provide such special forms as approved by the Engineer.

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

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

Reinforcement Steel.

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

Surfaces Not to be Painted.

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

Within Station Limits.

The preceding paragraph does not apply within station limits.

Impervious to Water.

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

Drip Pans.

The surfaces of drip-pans under ventilating openings and other surfaces which require special provision for drainage shall be troweled.

Concrete, How Measured and Paid For.

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

Backing or Filling Concrete Paid For.

Section No. 158. Concrete backing or filling outside of the ordered net lines of excavation will be paid for as provided in Section No. 81.

SUBDIVISION 12.

Brick Masonry.

Quality.

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

Hollow Terra Cotta Blocks.

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

In Station.

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

How Laid.

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

All exterior surfaces shall be smooth and regular.

Cleaned.

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

No "Bats" or Culls.

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

Racked or Toothed.

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

Special Bricks.

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

Measurements and Payments.

Section No. 166. Brick masonry shall be measured to the lines indicated and shown on the plans or as ordered by the Engineer and shall be paid for as herein stipulated in Schedule Item 9, for common brick masonry, and Item 10 for hollow terra cotta brick or tile masonry of any thickness ordered, except as is specified in section No. 74; these prices are to include the cost of all scaffolding, forms, centers, etc., and the removal of the same, of all plastering and pointing, and of all other work incidental thereto.

SUBDIVISION 13.

Stone Masonry.

Rubble Stone Masonry, Where Used.

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

How Laid.

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

Dry Rubble Masonry.

Section No. 169. In connection with the construction of sewers, or wherever else directed by the Engineer, dry rubble masonry shall be used. It shall consist of sound, clean stone not less than three (3) inches thick and one (1) cubic foot contents, laid on natural beds and bonded to give the greatest degree of strength, with such spalls as are required for leveling.

Measurements and Payments.

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

Other Masonry.

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

SUBDIVISION 14.

Waterproofing.

General Limits of Waterproofing.

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

At Stations.

At stations the roof and sidewalls also shall be waterproofed.

Protecting Masonry.

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

Laid Against Sheeting.

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

Surfaces to be Made Smooth.

Section No. 175. All surfaces to which waterproofing is to be applied shall be made as smooth as possible; on these surfaces there shall be spread either hot melted pitch or asphaltum in a thick layer of uniform thickness; on this layer of pitch or asphaltum shall be laid a treated woven fabric of such material as may be approved by the Engineer; this process shall be repeated until such number of layers as may be required by the Engineer have been placed and a final coat of pitch or asphaltum shall then be applied.

Definition of Term "Ply."

Section No. 176. The term "ply" as used in these specifications shall mean a layer of treated woven fabric (except the dry ply), both sides of which shall be coated with pitch or asphaltum at the time of laying.

Number of Ply.

Section No. 177. The number of plies of waterproofing over the roof between stations shall in no case be less than three (3), except as hereinafter provided where brick laid in asphalt mastic is used.

At Stations.

On the sidewalls at stations the same conditions as in the preceding paragraph shall apply.

Brick in Asphalt Mastic.

Section No. 178. On the sides and bottom of the structure below a line of two (2) feet above ground water, or, if ground water is below mean high water level, then two (2) feet above mean high water, one (1) ply of waterproofing, as described above, shall be used with one or more layers of brick laid in asphalt mastic; the number of layers of bricks to be determined by the Engineer.

In any case where brick laid in asphalt mastic is not used, the number of plies shall be as local conditions require and as directed by the Engineer.

At Stations.

The requirements in the preceding paragraphs of this section likewise shall apply to the roof of the structure within station limits and over the tracks passing through the stations within said limits.

Quality of Brick.

Section No. 179. The quality of brick shall be the same as provided in the specifications under the head of Brick Masonry. The brick shall be properly dried and shall be heated before laying.

Measurements and Payments.

Section No. 180. Brick in asphalt mastic will be measured in place to the lines ordered by the Engineer, and will be paid for at the price herein stipulated, Schedule Item 16.

Ply Substitute for Brick in Asphalt.

Section No. 181. Six (6) plies of waterproofing may be substituted for brick in asphalt mastic, if approved by the Engineer, and will be paid for as provided for fabric waterproofing.

Asphalt Mastic.

Section No. 182. Asphalt mastic shall contain not less than one-third (⅓) waterproofing asphalt, the other ingredients to be sand and limestone dust or sand and Portland cement, in proportions governed by local requirements and weather conditions. In melting and mixing the mastic on the work its temperature shall not exceed 350 degrees Fahr. All packages containing asphalt shipped to the work must be distinctly labeled with the manufacturer's name and the brand or number of the mixture.

Leaks Stopped.

Section No. 183. Any masonry that is found to leak at any time prior to the completion of the work and final acceptance thereof by the Commission shall be cut out and the leak stopped, at the sole expense of the Contractor.

Pitch.

Section No. 184. Pitch shall consist of either coal-tar or asphalt as the Engineer shall elect; it must be delivered on the work in packages that are plainly marked with the manufacturer's brand, and indicating the grade and quality of the material.

Quality of Coal-Tar Pitch.

Section No. 185. The coal-tar pitch shall be straight-run pitch containing not less than twenty-five (25%) per centum and not more than thirty-two (32%) per centum of free carbon, which will soften at approximately 70° F., and melt at 120° F., being a grade in which distillate oils distilled therefrom shall have a specific gravity of 1.05.

Quality of Waterproofing Asphalt.

Section No. 186. The asphalt used shall consist of fluxed natural asphalt, or asphalt prepared by the careful distillation of asphaltic petroleum, subject to the approval of the Engineer, but however prepared, it shall comply with the following requirements:

The asphalt shall contain in its refined state not less than 95 per cent. of bitumen soluble in cold carbon disulphide, and at least 98½ per cent. of the bitumen soluble in cold carbon disulphide shall be soluble in cold carbon tetrachloride. The remaining ingredients shall be such as not to exert an injurious effect on the work.

The asphalt shall not flash below 350 degrees Fahr. when tested in the New York State Closed Oil Tester. When 20 grams of the material are heated for five hours at a temperature of 325 degrees Fahr. in a tin box 2½ inches in diameter it shall not lose over 5% by weight, nor shall the penetration at 77 degrees Fahr. after such heating be less than ½ of the original penetration.

The melting point of the material shall be between 100 degrees and 175 degrees Fahr. as determined by the Kraemer and Sarnow method.

The consistency shall be determined by the penetration which must be between 75 and 100 at 77 degrees Fahr.

A briquette of the solid bitumen of cross section of one square centimeter shall have a ductility of not less than 20 centimeters at 77 degrees Fahr., the material being elongated at the rate of five (5) centimeters per minute. (Dow moulds.)

All tests herein specified must be conducted according to methods approved by the Engineer.

Penetrations indicated herein refer to the depth of penetration in hundredth centimeters of a No. 2 cambric needle weighted to 100 grams at 77 degrees Fahr. acting for 5 seconds.

Woven Fabric for Waterproofing.

Section No. 187. The fabric to be used shall be a woven fabric which shall have been treated with pitch or asphaltum before being brought on the work. The fabric and the material used in its treatment shall be approved by the Engineer.

Concrete to Be Dry.

Section No. 188. All concrete shall be dry before waterproofing is attached. If, in the judgment of the Engineer, it is impracticable to have the concrete dry, then there shall be first laid a layer of treated felt of approved quality, on the upper surface of which is to be spread the first layer of pitch or asphaltum; the said layer of felt shall then be paid for as a dry-ply, Schedule Item 15 (i).

Each layer of pitch or asphaltum must completely and entirely cover the surface on which it is spread without cracks or blow holes.

Fabric for Waterproofing to Be Carefully Laid.

Section No. 189. The fabric must be rolled out into the pitch or asphaltum while the latter is still hot, and pressed against it so as to insure its being completely stuck over its entire surface, great care being taken that all joints are well broken by overlapping, and that, unless otherwise permitted, the ends of the rolls of the bottom layers are carried up on the inside of the layers on the sides, and those of the roof down on the outside of the layers on the sides so as to secure a full lap of at least one (1) foot. Especial care must be taken with this detail.

Precautions After Laying.

Section No. 190. When the finishing layer of concrete is laid over or next to the waterproofing material, care must be taken not to break, tear or injure in any way the outer surface of the pitch or asphaltum.

Skilled Labor to Be Employed.

Section No. 191. None but competent men, especially skilled in work of this kind, shall be employed to lay the waterproofing.

Measurements and Payments.

Section No. 192. Measurements will be made on the basis of actual area covered by the number of plies ordered, no account being taken of laps, and the waterproofing will be paid for as herein stipulated, Schedule Item 15.

SUBDIVISION 15.

Steel and Iron.

Open Hearth Process.

Section No. 193. Steel shall be made by the open hearth process.

Chemical and Physical Properties.

Section No. 194. The chemical and physical properties of finished material shall conform to the following limits:

Properties.	Structural Steel.	Rivet Steel.	Steel Castings.
Phos. (Max.)	.04%	.04%	.05%
Sulph. "	.05%	.04%	.05%
Mn. "	.60%	.60%	.35%
Si. "	.10%	.10%	.80%
Ult. Str.	60000±4000	50000±4000	65000 (Min.)
Yield Point (Min.)	55% Ult.	55% Ult.	35000
Elongation, Min. % in 8 inches	1500000	1500000	
	Ult. Ten. Str.	Ult. Ten. Str.	
Elongation, Min. % in 2 inches	.....	.....	20%
Fracture	Silky.	Silky.	Silky, or Fine granular
Cold Bends Without Fracture	180° flat.	180° flat.	120° (d.=3t.)

Yield Point.

Section No. 195. The yield point shall be that strain, beyond which the elongation ceases to be proportional to the weight imposed, and may be indicated by drop of beam. The speed of testing shall be governed by the Inspector.

Soundness and Finish.

Section No. 196. Sufficient discard shall be made to insure sound material free from piping or excessive segregation. The material shall be finished straight and smooth, and shall be free from all seams, flaws, cracks, defective edges or other defects. Any imperfection which may develop during the progress of the work will be sufficient cause for rejection.

Steel Castings.

Section No. 197. Steel castings shall be true to pattern and free from injurious imperfections.

Standard Test Pieces.

Section No. 198. Sample pieces for tensile and bending tests of plates, shapes and bars shall be cut from such portions of the finished product of each melt as the Inspector may designate, and shall be stamped by him; they shall have both faces rolled and both edges milled to the usual form of a standard test specimen—one and one-half (1½) inches wide on a gauged length of nine (9) inches,—or with both edges parallel. The area of the minimum section shall be not less than one-half (½) square inch.

Tests for Angles.

Section No. 199. Angles three-quarters (¾) of an inch and less in thickness shall open flat, and angles one-half (½) of an inch and less in thickness shall bend shut, cold, under blows of a hammer, without sign of fracture. This test shall be made only when required by the Inspector.

Rivet Rods.

Section No. 200. Rivet rods shall be tested as rolled.

Test Pieces for Steel Castings.

Section No. 201. For steel castings the test piece shall be turned to a uniform minimum section of one-half (½) inch diameter, for a length of at least two and one-half (2½) inches. Specimens for bending shall be one (1) inch by one-half (½) inch in section.

Tests for Rivet Steel.

Section No. 202. Rivet steel, when nicked and bent around a bar of the same diameter as the rivet rod, shall give a gradual break and a fine, silky, uniform fracture.

Treatment for Test Specimens.

Section No. 204. For steel castings the number of tests will depend on the character and importance of the castings. Specimens shall be cut cold from coupons molded and cast on some portion of one or more castings from each melt. The coupons shall be annealed with the castings before being cut off.

Number of Tests.

Section No. 205. At least one tensile and one bending test shall be made from each melt of steel as rolled. In case steel differing three-eighths (⅜) inch or more in thickness is rolled from one melt, a test shall be made from the thickest and from the thinnest material rolled. Rolled steel shall be tested in the condition in which it comes from the rolls.

Rejection at Shop.

Material which, subsequent to tests at the mills and its acceptance there, develops weak spots, brittleness, cracks or other imperfections or is found to have injurious defects, will be rejected at the shop and shall be replaced by the manufacturer at his own cost.

Retests.

If the above tests do not fulfill the requirements of these specifications, duplicate tests may be made at the discretion of the Inspector, he selecting and stamping the duplicate test pieces. If these retests meet all the requirements, the melt shall be accepted.

Variation in Weight.

Section No. 206. A variation in weight or cross section of any piece of steel of more than two and one-half (2½) per centum from that specified, shall be sufficient cause for rejection, except in case of sheared plates exceeding one hundred (100) inches in width, where the variation may be five (5) per centum.

Material Marked.

Section No. 207. Every finished piece of steel shall have the melt number and the name of the manufacturer stamped or rolled upon it. Bars for reinforcing concrete, rivet and lattice steel, and other small parts, may be bundled, with above marks on an attached metal tag.

Test Pieces and Facilities for Testing.

Section No. 208. The Contractor shall furnish, without extra charge, such standard test pieces as may be necessary to determine the uniform quality of the material and also the use of a reliable testing machine, with the necessary labor for testing.

Chemical Analysis.

Section No. 209. Chemical determinations of the percentages of carbon, phosphorus, sulphur and manganese shall be made by the manufacturer from a test ingot, so taken, during the casting of each melt of steel as to fairly represent the melt. Two copies of such analyses shall be furnished to the Engineer or his Inspector.

Mill Orders.

Section No. 210. The Engineer shall be furnished copies in triplicate of all mill orders, and no material shall be rolled or work done before the Engineer has been notified so that he may arrange for the inspection.

The Engineer shall be furnished complete copies of shipping invoices, in triplicate, with each shipment. Each invoice shall show the scale weight of each individual piece.

Wrought Iron.

Double Rolled.

Section No. 211. All wrought iron shall be double rolled, tough, fibrous and uniform in character. It shall be thoroughly welded in rolling and be free from surface defects.

Method of Testing.

Section No. 212. The methods specified for testing rolled steel shall apply generally to wrought iron. Standard test specimens shall show an ultimate strength of at least fifty thousand (50,000) pounds per square inch, and an elongation of at least eighteen (18) per centum in eight (8) inches, with fracture wholly fibrous. Specimens shall bend cold with the fibre, through one hundred and thirty-five (135) degrees, without sign of fracture, with inner radius not to exceed the thickness of the piece tested. When nicked and bent the fracture shall show at least ninety (90) per centum fibrous.

Cast Iron.

Chemical Requirements.

Section No. 213. Cast iron shall be tough gray iron made by the Cupola process, and shall contain not more than six-tenths (0.6) per cent. of phosphorus and not more than twelve one-hundredths (0.12) per cent. of sulphur. No mill cinder iron, white or burnt iron or scrap of any kind will be permitted in the composition.

Test Bar.

Section No. 214. .The quality of the iron entering into castings shall be determined by means of the "Arbitration Bar." This is a bar one and one-quarter (1¼) inches in diameter and fifteen (15) inches long, cast under the same circumstances as those which attended the casting of the full-sized piece. This bar shall sustain at the centre, when resting upon two (2) dull knife edges twelve (12) inches apart, a load of three thousand (3,000) pounds with a deflection of at least one-tenth (1/10) of an inch before rupture.

Number of Test Bars.

Two (2) sets of two (2) bars shall be cast from each heat; one set from the first and the other set from the last iron entering into the castings. Each set of two bars is to be made in a single mold.

True to Pattern.

Section No. 215. Castings must be sound, true to pattern, free from cracks, flaws, excessive shrinkage, and have smooth clean surfaces. They must be neatly chiseled and wirebrushed before leaving the foundry. Castings which do not accurately conform to dimensions on the plans will be rejected. Each casting shall have its distinguishing letter or number cast on at the place indicated on the plans.

Workmanship.

Quality.

Section No. 216. The workmanship shall be equal to the best practice in modern bridge works.

Shearing and chipping shall be neatly and accurately done and all portions of the work exposed to view neatly finished. All nuts exposed to view on the final structure shall be hexagonal. Lattice bars shall have neatly rounded ends, concentric with rivet holes.

Rods and Bars, Deformed Sections.

Section No. 217. Rods and bars to be used for reinforcing concrete shall be deformed as approved by the Engineer; plain bars will not be used.

Bent Rods.

Section No. 218. Bent rods shall be bent uniformly to template in a machine or press approved by the Engineer. They may be bent either at the shop or on the work. In special cases bending hot and annealing may be required.

Material Straightened in Shop.

Section No. 219. All materials shall be straightened in the shop before being worked in any way and again straightened after punching and before assembling, if required by the Engineer or Inspector.

Size of Rivets.

Section No. 220. The size of rivets called for on plans shall be understood to mean the actual size of the cold rivet before heating.

Rivet Holes.

Section No. 221. All holes shall be accurately spaced and punched. The diameter of the punch shall be not more than one-sixteenth (1/16) inch greater than the diameter of the rivet. The diameter of the die shall be as small as may be required to punch a clean hole.

Punching.

Section No. 222. Punching shall be accurately done. Drifting to enlarge unfair holes will not be allowed. If the holes must be enlarged to admit the rivet they shall be reamed. Poor matching of holes will be cause for rejection.

Sub-punching and Reaming.

Section No. 223. Where sub-punching and reaming are required, the punch used shall have a diameter not less than three-sixteenths (3/16) inch smaller than the rivet. Holes shall then be reamed to a diameter not more than one-sixteenth (1/16) inch larger than the nominal diameter of the rivet. All reaming shall be done with twist drills after the material is assembled and firmly bolted together. The use of lubricants in reaming is not allowed.

Drilling.

Section No. 224. All material over seven-eighths (⅞) of an inch thick shall be drilled from the solid. Material over five-eighths (⅝) of an inch and not exceeding seven-eighths (⅞) of an inch in thickness shall be sub-punched and reamed.

Sheared Edges.

Section No. 225. Sheared edges of plates, exceeding five-eighths (⅝) of an inch in thickness in main members, shall be planed at least one-eighth (⅛) of an inch.

Burrs Removed.

Section No. 226. All burrs on rivet holes shall be removed.

Riveting.

Section No. 227. Riveted members shall have all parts well pinned up and firmly drawn together with bolts, before riveting is commenced. Contact surfaces shall be painted.

Section No. 228. Rivets when driven shall completely fill the holes, and shall be machine driven wherever possible. They shall have full concentric heads or they shall be countersunk when so required. Rivet heads shall not be flattened to less than half the diameter of the rivet on the line of the shank unless countersunk. Loose, burned or otherwise defective rivets shall be cut out and replaced. In cutting out defective rivets, great care shall be taken not to injure the adjacent material. If necessary they shall be drilled out.

Distances from center of rivet to edge of sheared plate shall not be less than 1¼" for ¾" rivets and 1⅜" for ⅞" rivets; distances from center of rivets to a rolled edge shall be not less than 1⅛" for ¾" rivets and 1¼" for ⅞" rivets. The minimum pitch for ¾" rivets shall be 2½" and for ⅞" rivets 2⅞". When material is sub-punched and reamed the pitch for ¾" rivets may be made 2¼" and for ⅞" rivets 2⅝".

Use of Bolts.

Section No. 229. Generally the use of bolts instead of rivets will not be permitted, but when used in special cases the holes shall be reamed parallel, and the bolts turned to a driving fit, with the threads entirely outside of the holes. Washers not less than one-quarter (¼) inch thick shall be used under the nuts. Bolts must be thickly coated with red lead paint before insertion, so as to seal the hole against moisture.

Templates.

Section No. 230. All holes for field rivets, excepting those in connections of lateral and sway bracing, shall be sub-punched and accurately drilled to an iron template, fitted with bushings, or reamed and match marked while the connecting parts are temporarily assembled in the shop. In case of splices of upper chords or other compression members, the abutting ends shall be brought to a forcible bearing.

Finished Members.

Section No. 231. Finished members shall be true and free from twists, bends or open joints. Ends of floor beams and stringers shall be faced square and true.

Rods Upset.

Section No. 232. Rods and bars which are to receive a thread shall be properly upset. Where threads are cut on steel, they shall be properly filleted.

Annealing.

Section No. 233. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed. Welds in steel will not be allowed.

Abutting Surfaces Faced.

Section No. 234. All abutting surfaces shall be accurately planed or faced, so as to insure even bearings, except where otherwise noted on the plans.

Stiffeners; Splice Plates and Fillers.

Section No. 235. Stiffeners of plate girders shall be faced on the ends and brought to a true contact bearing with the flange angles. Web splice plates and fillers under stiffeners shall be cut to fit within one-eighth (⅛) of an inch of flange angles.

Web Plate Projections.

Section No. 236. Web plates must not project beyond the flange angles or be more than one-quarter (¼) inch back of face of angles.

Bed Plates Planed.

Section No. 237. Expansion bed plates shall be planed true and smooth. The finishing cut of the planing tool shall be fine and correspond with the direction of expansion.

Details Boxed.

Section No. 238. Nuts, bolts, rivets and other similar material shall be boxed.

Weight Marked.

Section No. 239. The scale weight shall be plainly marked upon every piece and box.

Inspection.

Section No. 240. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship.

Contractor Responsible.

Section No. 241. The Inspector shall make detailed reports of his inspection to the Engineer and may notify the Contractor of any defects in the material or workmanship, but all acceptances made by him shall be considered temporary, and his inspection shall in no way relieve the Contractor of full responsibility for the character and accuracy of the work until its completion and final acceptance by the Engineer.

Errors in Plans.

Section No. 242. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Inspector's Office.

Section No. 243. The Contractor shall furnish for the use of the Inspector a suitably equipped office at the mills and at the shops.

Loading and Shipping.

Section No. 244. All parts shall be carefully loaded and protected from injuries during transportation by such means as will be satisfactory to the Inspector. After delivery of materials at the work the Contractor will be required to store the same on skids at least twelve (12) inches above the ground and to keep the same in good condition. Any piece showing injurious effects of rough handling at any stage until the final acceptance of the work may be rejected.

Payments for Steel.

Section No. 245. The prices to be paid for steel are as herein provided in Schedule Items 19, 20 and 21. Item 20 includes all single beams or shapes, whether milled or otherwise, with connections or other end details. These prices include the cost of material delivered and erected in the work. These prices are to include also the cost of all necessary cleaning and painting (where painting is required) and of all other incidental work. The quantity of metal to be paid for shall be the number of pounds actually placed in accordance with the drawings or orders.

Miscellaneous Castings, Payments For.

Section No. 246. For miscellaneous castings, but not including castings for sewer work or pipes, payment will be made as provided in Schedule Item 25, which price includes the cost of material delivered and erected in the work; also the cost of all necessary cleaning and painting (where painting is required) and of all other incidental work, labor and material.

Special Wire Forms.

Wire Forms.

Section No. 247. Special wire forms, of a type and weight to be approved by the Engineer, are to be furnished and placed around the flanges of beams and girders, and at other places as may be required, which are to be completely encased in concrete, in order to hold the concrete in place.

Wire Forms, Payment For.

Section No. 248. Special wire forms, wherever used, will be paid for as stipulated in Schedule Item 26, which price is to include the material in place and all work necessary and incidental thereto.

SUBDIVISION 16.

Painting.

Number of Coats and Quality.

Section No. 249. All metal work, excepting as otherwise herein provided, shall be painted with three (3) coats of paint, as follows: Shop coat, second coat and finishing coat.

The finishing coat will be a gray paint if adjacent to concrete, otherwise a black paint.

Inspection.

Section No. 250. Paint shall be subject to inspection at the place of manufacture and to such tests as may be ordered by the Engineer. The Engineer shall have access, at all times, to all places to inspect the methods of manufacture, and shall have liberty to inspect the daily laboratory records and analyses of all such paints as are subject to his inspection.

The Contractor shall furnish all facilities required for the proper inspection of the paint and its manufacture. All containers will be sealed by the Inspector at the time of inspection.

Proportions by Weight.

Section No. 251. All proportions mentioned in this specification are by weight, except when otherwise noted.

Formulae.

Section No. 252. The paint formulae are as follows:

Paint Formulae.

	Shop Coat.	Second Coat.	Finishing Coat. Gray.	Finishing Coat. Black.
Pigment	500 lbs.	49%	57%	26%
Vehicle	16½ gal.	51%	43%	74%
Vehicle Formulae.				
Raw Linseed Oil	⅔ by volume	90%	92%	92%
Boiled Linseed Oil	⅓ by volume			
Drier		10%	8%	8%

Pigment Formulae.

	Shop Coat.	Second Coat.	Finishing Coat. Gray.	Finishing Coat. Black.
Red Lead	100%	30%	....	25%
Red Iron Oxide	....	42%	....	....
Lampblack	....	5%	*	50%
Magnesium Silicate	....	10%	....	10%
Silica	....	13%	10%	15%
Sublimed White Lead	....	....	60%	....
White Zinc	....	....	30%	....

*Use sufficient lampblack to make standard shade.

Weight.

The standard weight of second coat shall be 12 pounds 10 ounces per gallon. The standard weight of finishing coat (gray) shall be 14 pounds 6 ounces per gallon. The standard weight of finishing coat (black) shall be 9 pounds 5 ounces per gallon.

Preparation of Paint.

Section No. 253. The shop coat of paint shall be mixed, as needed, in such quantities as can be used before it thickens in the container. Any paint which settles and thickens before use shall be rejected and a new paint mixed.

The second and finishing coats shall be furnished in a ready mixed form and shall be used without the subsequent addition of any material.

Allowable Variation.

All paints must be properly prepared, using only the specified materials in the proportions stated, with an allowable variation therefrom of not over two (2) per centum in the quality of any material therein. The paint must vary not more than four (4) ounces per gallon from the standard weight.

Raw Linseed Oil.

Section No. 254. Raw linseed oil shall conform to the specifications of the American Society for Testing Materials for the purity of raw linseed oil from North American seed, adopted August 25, 1913.

Boiled Linseed Oil.

Boiled linseed oil shall be made of pure linseed oil heated with lead and manganese salts and shall comply with the following requirements:

Specific gravity at 60 degrees F.	minimum	.934
Iodine value (Hanus)	minimum	175
Unsaponifiable matter	maximum	1.6%
Fatty acids	maximum	3%
Ash	maximum	0.4%
Moisture	maximum	0.5%
Flash point	minimum	527° F.
Bromine addition number	minimum	105
Bromine substitution number (30 min.)	maximum	5
Foots	maximum	1.25%

When boiled linseed oil is flowed over a plate of glass and allowed to drain in a vertical position, it must dry free from tackiness in fifteen (15) hours at 70 degrees F.

Drier.

The drier shall be a pure oil drier consisting of lead and manganese salts dissolved in linseed oil and thinned with turpentine as follows:

15 pounds of manganese dioxide plus 10 pounds of varnishmakers' red lead, to 50 gallons of oil, boiled to proper consistency and thinned with 50 gallons of turpentine.

Turpentine.

Turpentine shall conform to the proposed specification of the American Society for Testing Materials.

Red Lead for Shop Coat.

Section No. 255. Red lead for the shop coat shall be of the best quality, free from all adulteration and shall contain not less than 80 per cent. nor more than 90 per cent. "True red lead" (Pb3O4), not over 1 per cent. inert hearth materials (such as silica and alumina) and not more than 0.1 per cent. metallic lead; the remainder shall be pure lead monoxide (PbO). It must contain no organic coloring matter and when shaken up with water shall show no alkaline reaction. It shall be of such fineness that 99½ per cent. will pass through a standard 200 mesh sieve.

Red Lead for Second and Finishing Coats.

Red lead for the second and finishing coats shall be of the best quality, free from all adulteration and shall contain not less than 85 per cent. true red lead (Pb3O4), not over 1 per cent. inert hearth materials (such as silica and alumina) and not more than 0.1 per cent. metallic lead; the remainder shall be pure lead monoxide (PbO). It must contain no organic coloring matter and when shaken up with water shall show no alkaline reaction. It shall be of such fineness than 99½ per cent. will pass through a standard 200 mesh sieve.

Lampblack.

Dry lampblack must be absolutely neutral and contain at least 98 per cent. by weight, of pure carbon. The tinting power of lampblack used in the finishing coat must be the same as the standard sample.

Magnesium Silicate.

Magnesium silicate shall be a finely ground material of crystaline structure and shall equal the standard sample.

Silica.

Silica shall be ground from rock crystal and water floated. It shall be 99 per cent. pure silica (SiO2) and shall be of such fineness than 99 per cent. shall pass through a standard 200 mesh sieve. It shall equal the standard sample.

Red Iron Oxide.

Red iron oxide shall contain at least 85 per cent. ferric oxide, the remainder to consist of silicates. The oxide shall contain no soluble sulphates, no free acids, shall give a neutral reaction and shall contain not over 0.1 per cent. sulphur in any form. It shall be free from grit and shall equal the standard sample in shade, quality and tinting power.

Sublimed White Lead.

Sublimed white lead shall be a true basic sulphate of lead containing not less than 15 per cent. combined lead monoxide (PbO), not over 5 per cent. zinc oxide (ZnO), and shall contain not more than .075 per cent. free sulphur dioxide (SO2). Sublimed white lead shall equal in whiteness, fineness, body and covering qualities the standard sample.

White Zinc.

White zinc shall be "American process," and shall contain at least 98 per cent. by weight, oxide of zinc (ZnO), not more than 0.2 per cent. of sulphur in any form, nor more than .075 per cent. free sulphur dioxide (SO2). White zinc shall equal in whiteness, fineness, body and covering qualities the standard sample.

Fineness Second and Finishing Coats.

Section No. 256. (a) The paint for the second and finishing coat shall be so finely ground that when a small amount of same is placed upon a piece of glass and the glass placed in a vertical position, there shall be no separation of the oil from the pigments for at least one hour. This test is to be conducted at 70 degrees F.

(b) Take a ⅝ inch test tube and fill with pure raw linseed oil to a height of 3½ inches and add paint until the height of the oil is five (5) inches from the bottom. Cork, shake well and let stand in a vertical position for two (2) hours. The opaque mass must not have settled down more than ½ inch and there must be no separation of the coarser particles in the bottom of the test tube. This test to be conducted at 70 degrees F.

(c) At least 98 per cent. of the extracted pigment shall pass through a standard No. 200 mesh sieve.

(d) When rubbed with a spatula on a piece of glass there shall be no feeling of grittiness.

Standard Sieve.

Section No. 257. By standard 200 mesh sieve is meant the 200 mesh sieve described in the specification of the American Society for Testing Materials for Portland Cement, adopted August 16, 1909.

Color.

Section No. 258. The shade of the gray finishing coat shall match the shade of the standard sample.

Drying.

The paint shall dry under normal conditions, dust free, in 12 hours, and so as to be satisfactorily recoated in not less than 24 nor more than 48 hours.

Water.

The amount of hygroscopic moisture in the finished paint shall not exceed ½ of 1 per cent.

Rosin.

There shall be no rosin in the paint as indicated by the Liebermann-Storch reaction.

Working Quality.

Section No. 259. The paint shall not liver nor curdle and must cover properly and work freely under the brush. The pigment shall remain in suspension in a satisfactory manner.

Tests.

Section No. 260. Tests will be made against standard samples. Such analyses as required will be made by the Engineer.

Distance.

Due to the cost of inspection, the Contractor purchasing paint will be required to obtain paint which is made within a reasonable distance from New York, and in as large quantities as practicable. By distance from New York is meant the distance by railroad of the paint factory from Manhattan Island. The maximum factory distance is shown in the following tables:

For quantities of less than 250 gallons made at one time,	25 Miles
For quantities of 250 to 500 gallons made at one time,	100 Miles
For quantities of 500 to 1500 gallons made at one time,	200 Miles
For quantities of over 1500 gallons made at one time,	700 Miles

Standard Samples.

Samples of standard ingredients and of the finished paints are on file in the office of the Engineer. Paints and their ingredients shall conform to these standard samples. The Contractor shall submit separate samples of all ingredients intended for use in the paints, and upon approval of same, shall then submit two one-pint samples of paint for approval.

In those details where no special instructions are given, the paint and its manufacture shall conform to the best accepted practice.

Original Packages.

All material for shop coat shall be delivered, inspected and sampled in their original packages.

Shop Coat.

Section No. 261. All iron shall be scraped free from scale and rust, and receive one coat of red lead paint as herein specified, before leaving the shop. All surfaces which come in contact or are enclosed shall be painted before being assembled. All turned or faced surfaces shall receive a coat of white lead and tallow before leaving the shops. If the Engineer so directs, the shop coat will be omitted, on members or parts of members to be buried in concrete.

Damaged Shop Coat to Be Removed.

Where the shop coat has become damaged before or after erection, through any cause whatever, it shall be renewed with the same kind of paint as originally used, such renewal to be considered only as a part of the original shop coat.

Structural steel and rods to be imbedded in concrete shall be protected from the weather before being put in place, and shall be cleaned and scale and rust removed before being incased in the concrete. Rods shall not be painted.

Field Painting.

After erection the metal shall be thoroughly cleaned of all dirt, rust or scale by stiff wire brushes or sand blast, as directed, and afterward dusted and thoroughly and evenly painted with the second coat prescribed herein. No paint shall be applied until the cleaning has been passed upon by an inspector.

The finishing coat shall be applied at such time after the application of the second coat and before final acceptance of the work, as in the judgment of the Engineer shall be advisable. All steel work adjacent to concrete, such as flanges of roof beams, exposed surfaces of wall columns, shall be painted with the gray finishing coat. All other steel work shall be painted with black finishing coat. The finishing coat will be applied between stations only; at stations a third coat will be required under the contract.

Surfaces in Contract.

Section No. 262. Surfaces of exposed members inaccessible after erection, shall be cleaned and painted before erection.

Recesses, Etc.

All recesses that might contain water, or through which water could enter, must be filled with thick paint or a waterproof cement of ground skins before receiving a final painting.

Surfaces Close Together.

All surfaces so close together as to prevent the insertion of a brush must be painted thoroughly by using a piece of cloth, if necessary.

Workmanship.

Section No. 263. All paint shall be well brushed out so as to show a smooth, even film of uniform thickness. Round brushes shall be used exclusively in applying paint, except that the Engineer may permit the use of flat brushes on large, flat surfaces only.

Rainy or Freezing Weather.

Section No. 264. Painting in rainy or freezing weather or on wet surfaces will not be permitted.

Payments.

Section No. 265. Payment for painting is included in the prices for steel and iron

SUBDIVISION 17

Drains and Pumps.

Railroad to be Drained.

Section No. 266. Every part of the Railroad must, so far as possible, be so arranged that any water finding access thereto will be led away automatically to the City sewers.

Floor of Railroad as Conduit.

Section No. 267. Where the Railroad is on an inclined gradient, and is constructed in dry, porous soil, the floor of the Railroad may be depended on to act as a conduit. At the bottom of the inclined gradient connections must be made with a sewer or with sub-drains lying beneath the Railroad and draining into the sewers.

Sub-Drain.

Section No. 268. Along such parts of the work where the soil is not porous, or where the floor of the Railroad cannot, in the judgment of the Engineer, be used as a conduit, there shall be laid, beneath the rail level and on a continuous descending gradient, drain pipes of vitrified salt-glazed stoneware, of the quality described in these specifications for sewer pipe. These drain pipes shall be of such diameter not exceeding twelve (12) inches, as the Engineer may direct. Each drain shall be laid in the concrete or directly in the soil with tight or open joints, as directed, and in such manner and in such position as, in the opinion of the Engineer, local circumstances require.

Connections and Cross Drains.

Section No. 269. Where drain pipes connect with the City sewers, the junction shall be protected by suitable traps and back-pressure valves or gate valves where necessary, to prevent back rush of water or gas from the sewers. Connections with the Railroad shall be as necessity demands, and all as directed by the Engineer. Cross drains to connect with the main drains will be placed at such places and in such manner as the Engineer shall direct; also vertical drains at the sides of the Railroad. These drains shall be of vitrified pipe or of cast iron as directed.

Broken Stone for Drainage.

Section No. 270. Broken stone shall be placed for the purposes of drainage as indicated on the plans or as required by the Engineer.

Sumps.

Section No. 271. At the low points of the grade of the Railroad where the same passes below the bottom of adjacent sewers there shall be constructed sumps connected with the subdrains or the floor of the Railroad. Such sumps must be watertight, with a capacity of not less than eight hundred (800) gallons each.

Pumps for Tunnel Drainage.

Section No. 272. Adjacent to each sump a suitable enclosure shall be provided in which two pumps shall be installed, each of which shall have ample capacity to remove all the water entering the sump at that point under ordinary conditions. These pumps shall be arranged to operate automatically. Under this contract the Contractor will furnish only the pumps required and set them in place as directed, including the necessary pipe and drainage connections between the sumps and sewers.

Capacity.

Section No. 273. If in the opinion of the Engineer the service requires it, each of these pumps shall be able to remove from the sump eight hundred gallons per minute.

Discharge to Sewers, Etc.

Section No. 274. The discharge of such pumps shall be into the City sewers, and all piping, valves, etc., in connection therewith, shall be installed as a part of this contract.

Payment for Drains.

Section No. 275. All drains shall be measured in place and the actual net length as laid for each class of drain will be paid for as herein provided in Schedule Items 17 and 17-A. The prices therein provided for each class of pipe will include providing and laying the pipe and all specials of any nature whatsoever, such as bends, tees, wyes, hand-holes, etc., and all material necessary for jointing the same. Where back-pressure valves or gate-valves are required the cost of setting the same will be included in the above, but the Contractor will be paid in addition the actual net cost of such valves plus ten (10) per cent.

Payment for Broken Stone.

Section No. 276. For broken stone for drainage, furnished and placed, Section No. 270, payment will be made as provided in Schedule Item 14.

Payment for Pumps.

Section No. 277. For pumps, Section No. 272, the Contractor will be paid as provided in Article XII of the contract including the pipe connections with sumps and sewers.

Station Drainage.

The station drainage also must be arranged for as prescribed in Section No. 269.

Soil Pipes.

It will be necessary to lay soil pipes in the floors and walls of the stations. These pipes are to be cast iron, "extra heavy." They will be placed in positions as shown on the plans and will be paid for as provided in Schedule Item 34.

SUBDIVISION 18.

Sewers.

In Accordance With Plans and Specifications.

Section No. 278. All sewers and appurtenances shall be built of the materials, of the sizes and dimensions, on the lines and grades, at the depths, with the connections, and in the manner called for by these specifications and shown on the drawings.

Change of Location.

Section No. 279. If, in the opinion of the Engineer, it is impracticable during the progress of the work to construct any sewers, manholes, or other appurtenances, according to the contract drawings, owing to the presence of unknown subsurface structures or other contingencies, the Contractor shall construct such sewers, manholes or appurtenances in the location given by and according to the directions of the Engineer.

General Clauses Apply.

Section No. 280. The general clauses in this contract relating to excavation, backfilling, cement, mortar, masonry, waterproofing, piling, timber work of all kinds, care of streets and public places, maintenance of surface, subsurface and overhead structures, protection of persons and property, repaving or restoring of the surface of the street or other public places, responsibility of the Contractor, authority of the Engineer to examine and condemn materials, and the power of the Commission and the Engineer in all or any other respects to enforce this contract, apply to the construction and reconstruction of sewers, water mains and pavements, both along the route occupied by the Railroad and elsewhere, except as herein otherwise *expressly* provided.

No Claims for Damages.

Section No. 281. Should postponement or delay be occasioned by the precedence of paving or other contracts, which may be either let or executed by the Borough President, Commissioner of Water Supply, Gas and Electricity, or other heads of departments, either before or after the execution of this contract, on the line of the work, no claims for damages therefor shall be made or allowed; nor shall any claim for damages be made or allowed in consequence of the street or the adjoining sewers not being in the condition contemplated by the parties at the time of making the contract, except that if the Contractor shall be delayed in the performance of his work by reason of the street or the adjoining sewers not being in such condition, an allowance of time may be given for the completion of the work as elsewhere provided in this contract.

Size of Trenches.

Section No. 282. The trenches for sewers and basin culverts both in earth and in rock, in streets off the route of the Railroad, shall have vertical sides and shall be six inches wider on each side than the greatest external diameter or width of the sewer, but shall not be less than three feet in width.

In streets along the route of the Railroad the trenches shall be six inches wider than the greatest external width of the sewer or its foundation, on the side farthest away from the subway, but in no case will a width be allowed greater than that specified for sewers off the line of the Railroad. Trenches shall be excavated to the depth and to the form of the sewer or its foundation. Payments for excavation will be based on the requirements as above.

Limit of Trench Opening.

Section No. 283. Not more than one hundred (100) feet of trench in sewers off the line of the Railroad shall be opened at any one time in advance of the sewer already completed, unless by permission of the Engineer, and for a distance specified.

Excavation Completed in Advance.

Section No. 284. The excavation of trenches shall be fully completed a sufficient distance in advance of the laying of the sewer, and the exposed end of the sewer shall in all cases be fully protected.

Trenches for Manholes and Receiving Basins.

Section No. 285. Where the foundation for a manhole or a receiving basin extends beyond the line of such manhole or receiving basin, the excavation required in earth shall be to the lines of the smallest rectangle enclosing the full dimensions of the exterior of the foundation, and shall have vertical sides to the surface, but it shall, in all cases, be six (6) inches larger than the greatest external dimension of the manhole or receiving basin. In rock excavation, the trench shall be six (6) inches larger than the greatest external dimension of the manhole or receiving basin, and shall have vertical sides to the surface.

Foundations.

Section No. 286. Where the ground does not afford a sufficiently solid foundation, the trench shall be excavated to such increased depth as the Engineer may deem necessary, and this extra depth, and all other irregularities in the bottom of the trench, shall be filled up to the required level and form, with such material, and in such manner, as the Engineer shall direct. If so directed, piles shall be driven and a timber or reinforced concrete foundation shall be constructed, as elsewhere provided in these specifications, to support the sewer.

Testing of Grades.

Section No. 287. When the trench is properly prepared, and before laying any sewer, the Contractor shall notify the Engineer, who will, thereupon, cause the grades for the sewer to be tested, and if correct the sewer shall then be laid in the presence of a duly authorized Inspector, and no construction work shall be done in his absence.

Trenches to be Kept Free from Water.

Section No. 288. The trenches shall be kept entirely free from water while the foundation and the masonry are being constructed or the sewer laid. In no case shall water be allowed to flow over the invert or foundation or through the sewer until the mortar is thoroughly set.

Gutters and Passageways to be Kept Open.

Section No. 289. At all times, gutters shall be kept open for surface drainage, and the streets and sidewalks shall be kept clear and free for the passage of carts, wagons, carriages and street or steam railroad cars or pedestrians, and as otherwise provided in these specifications.

Crosswalk, Sidewalk and Roadway to be Kept Clear.

Section No. 290. Where any crosswalk or roadway is cut by the trench, it shall be temporarily replaced by a timber bridge with side railings, according to the direction and approval of the Engineer. The work shall at all times be conducted so as to cause as little inconvenience as practicable to the public.

Disposition of Paving Material.

Section No. 291. All curb, gutter, flagging, paving and macadam stones, necessary to be removed, which in the judgment of the Engineer are suitable to be used again, shall be stored in such places as the Engineer shall direct, or shall be removed as provided in these specifications; in all cases a passageway on the sidewalks and in the roadway shall be preserved free from needless obstructions.

Flow of Sewers to be Maintained.

Section No. 292. The Contractor shall provide for the flow of all sewers, drains and water-courses interrupted during the progress of the work, and shall restore and make good all connections, and shall immediately cart away all offensive matter, in such manner and with such precautions as the Engineer may direct. All temporary house connections shall be made by closed iron pipes, with suitable provision for preventing leakage at joints. Wooden troughs for such connections will not be permitted.

Quality of Brick for Sewers.

Section No. 293. In the construction of brick masonry none but the best quality of common brick burned hard entirely through, regular and uniform in shape and size and of compact texture, shall be used. They shall be culled as they are brought on the ground, and bats and bricks of improper quality are to be removed from the work. A limited number of bats may be used in manholes and closures, and in the outer ring of the sewers where more than two (2) rings of bricks are required.

How Laid.

Section No. 294. The bricks shall be properly wet immediately before laying. Every brick is required to be laid in a full joint of mortar, made as described in these specifications, on its bed, end and side, at one operation. In no case is mortar to be slushed or grouted in afterward. The bricks shall be neatly and truly laid, every second course to line, and the joints to be carefully struck on the inside.

Racked Back or Toothed.

Section No. 295. All brick work, as it progresses, shall be racked back in courses, and in no case will it be allowed to be toothed, unless by special permission from the Engineer.

Brick or Stone Inverts.

Section No. 296. All inverts, or bottom curves, shall be formed from profiles accurately made according to the dimensions of the sewer, and correctly set according to the grades furnished. The masonry shall be allowed to set for twenty-four (24) hours before the arch is turned. Vitrified brick or granite paving blocks shall be used for the inner ring of the invert when required by the Engineer, and whenever so used they must be thoroughly jointed, so as to be water-tight along the inner surface of the sewer. The last course of the invert masonry below the springing line shall be laid as headers.

Brick Arches.

Section No. 297. The arches or upper curves shall be formed on strong centers of correct form, according to the sizes and shapes required, and keyed with stretchers in full joints of mortar. The extrados of the arch shall be plastered with mortar one (1) inch thick, mixed in the proportion of one (1) part of cement to two (2) parts of sand. The centers shall not be removed or withdrawn in less than thirty-six (36) hours, or until the work is thoroughly set, and until the filling in of the arch is properly put into place to a depth which is at least one (1) foot above the crown of the arch. The centers in all cases shall be struck and not drawn, so as not to crack or injure the work. Should any crack or settlement appear in the arch after the centers are removed, so much of the work as the Engineer may require shall be taken down immediately and replaced.

Spurs.

Section No. 298. Vitrified or iron sewer pipes or spurs, equal in every respect to those described elsewhere in these specifications, and of a size required by the Engineer, but not less than six (6) inches interior diameter with hubs moulded for house connections, and of sufficient length to project at least four inches beyond the exterior of the sewer, shall be built into the walls of brick sewers and at such an angle as indicated on the plan, or as the Engineer may direct.

How Built In.

Section No. 299. Spurs shall be built in wherever similar house connections exist in the present sewer which is to be reconstructed under this contract, but in no case shall the distance be more than twenty feet between spurs. In the case of the construction of new sewers where no sewers existed previously, except sewers crossing intersecting streets, they shall be built opposite each house, and where there are no houses, they shall be not more than fifteen feet apart on each side of the sewer or at such frequent intervals as local conditions may require. They shall be set so that their inner ends shall be flush with the inner face of the sewer, at such height in the walls as the Engineer may direct, and each pipe shall be sealed on the outside with an approved earthen-ware cover set in mortar.

Iron Chair Spurs.

Section No. 300. Where the sewers to be built under this contract will be at a depth greater than thirteen feet below the established grade of the street (or below the surface of the street where final grades have not been established), cast iron chair spurs, of the design shown on the drawings, not less than six inches in diameter and of the weight of extra heavy soil pipe, shall be used unless otherwise ordered by the Engineer. Where house drains are to be connected to these spurs, extra heavy soil pipe and fittings shall be used for the riser between the spur and the house drain. Where spurs are provided for future connections, risers of extra heavy soil pipe shall be placed in each spur and shall be brought to a point thirteen feet below the established grade of the street, the end of which shall be sealed with an approved cover laid in cement mortar. The joints of this pipe shall be packed, leaded and caulked in accordance with these specifications for laying water-mains.

Under Another Structure.

Section No. 301. Wherever the sewer passes under another structure extra heavy soil pipe (Schedule Item 17-A) shall be laid from the spur to the outside of such structure, brought up to a point thirteen (13) feet below the established grade of the street, caulked and sealed as provided above. All pipes passing under such structure shall be laid in concrete.

Concrete May be Substituted for Brick.

Section No. 302. If, during the construction of the sewers, it is deemed advisable to interchange concrete and brick, the Contractor may, with the approval of the Engineer, build such sewers of either kind and quality herein specified.

Steel Bars Used if Ordered.

Section No. 303. Concrete sewers shall be reinforced with steel bars, if so indicated on the plans or directed by the Engineer.

Profiles and Inverted Centres for Inverts.

Section No. 304. Proper profiles for the concrete inverts shall be set up at the required distances, and the concrete for the bottom and invert of the sewer shall be deposited in place and rammed and worked down to the required shape. The concrete for the bottom and invert, if so directed, shall be placed in alternate lengths extending between every other pair of profiles, so that opportunity may be given to properly work the concrete in place.

Invert to be Protected.

Section No. 305. The concrete of the invert shall be protected during the progress of the work with planking, or by such other suitable methods as the Engineer shall direct and for so long a time as he may require.

Forms, Molds, etc.

Section No. 306. Suitable forms or molds, of the size and design to be approved by the Engineer, shall be provided by the Contractor to support the concrete of the side walls and roof while the same is being rammed into the permanent work.

Defective Work.

Section No. 307. If any voids, or irregular or defective work is discovered upon removing the forms or molds, such voids or work shall be cut out and filled with a rich concrete or mortar mixed in such proportions and of such materials as provided elsewhere in these specifications.

Joints.

Section No. 308. No joints between different sections of the walls of a sewer shall, in any case, be a straight line, but shall always be stepped or toothed, so as to give a broken joint in the manner to be approved by the Engineer.

Spur Pipes, Branches, etc.

Section No. 309. In so far as they will be applicable to sewers constructed of concrete, the provisions and requirements for spurs, branches, etc., in brick sewers shall be understood to govern in such construction.

Vitrified Pipe Sewers—Quality of Pipe.

Section No. 310. Tile pipe sewers shall be built of vitrified, salt glazed stoneware pipe, with extra deep and wide sockets and corrugated spigot ends. The pipe shall be of the best quality, thoroughly and perfectly burnt, without warps, cracks or imperfections, well and smoothly glazed over the entire inner and outer surfaces and perfect in shape. The pipe shall be subject to all tests ordered in conformity with any requirements of the Bureau of Sewers of the Borough in which the work is located, at any time previous to its being used.

Dimensions.

Section No. 311. The size of the pipes shall be designated by their interior diameters. Each pipe shall be a true cylinder, and of even thickness throughout, and shall conform to the following scheduled dimensions:

Double Strength Pipe; Extra Deep and Wide Sockets.

Dimensions.

Diameter.	Thickness of Shell	Depth of Socket.	Length of Plain Straight Pipe.	Weight of Pipe Per Foot.	Annular Space.
Inches.	Inches.	Inches.	Feet.	Pounds.	Inches
6	5/8	2½	2	16	5/8
8	¾	2¾	3	25	5/8
10	7/8	2¾	3	37	5/8
12	1	3	3	45	5/8
15	1¼	3	3	75	5/8
18	1½	3¼	3	118	5/8
20	1⅝	3½	3	148	5/8
22	1⅝	3¾	3	157	5/8
24	2	4	3	190	5/8

"Specials."

Section No. 312. All "special" vitrified pipe shall conform to the dimensions given for plain straight pipe.

Spur Pipes.

Section No. 313. Pipes having spurs not less than six inches in diameter with hubs molded thereon for house connections shall be furnished and laid at such points as indicated on the plan or as directed by the Engineer, and when not immediately used, they shall be sealed on the outside with approved vitrified earthen-ware covers set in mortar.

Risers.

Section No. 314. The provisions for risers on brick sewers shall also apply to pipe sewers.

Pipe Sewers, How Laid.

Section No. 315. All pipes shall be laid in concrete cradles of the required form and dimensions. The minimum thickness of concrete under the outside of the shell, or barrel, shall be six (6) inches. The first layer of concrete shall be for the full width of the cradle, and deposited continuously to the height of the outside bottom of the shell of the pipe; before the concrete has set the pipe shall be firmly bedded therein true to line and grade and the remainder of the concrete immediately deposited and carefully tamped in such a manner as to avoid disturbing the sewer. The ends of the pipes shall abut against each other and in such manner that there shall be no shoulder or unevenness of any kind along the bottom half of the sewer on the inside. Unless otherwise ordered, not less than fifteen feet of pipe shall be laid at any one time, in any one length of trench, and it shall be exposed for at least twenty-four hours for inspection.

Joining Hub and Spigot Pipes.

Section No. 316. Before inserting the spigot end of the pipe into the hub or socket, the lower half of each socket shall be plastered on the inside with a layer of cement mortar mixed in the proportion of one part of cement to 1½ parts of sand and of a sufficient thickness to bring the inner bottom surfaces of the abutting pipes flush and even with the established flow line. After pipes are fitted, the space between the inside of the upper half of each socket and the outside of the entering pipe shall be filled with cement mortar, mixed as above specified, and the outside of the joint shall be thoroughly sealed with the same kind of mortar and the joints carefully wiped to a smooth bevel outside, and all mortar that may be left on the inside of the pipe must be thoroughly removed and the inside of the pipe left clean and smooth throughout.

Pipes to be Cut.

The ends of pipes, which enter masonry, shall be neatly cut to fit the face of the masonry. When directed, such cutting shall be done before the pipes are built in.

Iron Pipe Sewers.

Section No. 317. Sewers of iron pipe, of the quality and laid in the manner described elsewhere in these specifications for the laying of water mains, shall be laid wherever indicated on the plans or at such places as the Engineer shall direct.

Special Castings.

Section No. 318. Wherever such pipes are laid through vaults they shall, when required by the Engineer, be provided with special castings for manholes, which shall be fitted with a cover bolted on so as to make an air-tight joint, according to the plans to be furnished by the Engineer.

Ventilators.

Section No. 319. Whenever, in the opinion of the Engineer, it becomes necessary to provide ventilation for sewers under other structures, iron pipe shall be laid from the sewer to the surface of the street and fitted with proper gratings according to the plans to be furnished by the Engineer.

Connections.

Section No. 320. All existing sewers, culverts, drains and house connections intercepted by the proposed sewers, culverts or receiving basins shall be connected with the new work by proper curves and grades and in such manner as the Engineer shall direct; and all drains, basins or culverts rendered unnecessary or becoming disused by the work herein contemplated shall be filled in and made solid with good wholesome earth in the manner directed. Provision shall also be made for the connection of future sewers or basins by constructing brick spurs or inserting vitrified pipe at the points indicated on the contract drawings and at other points as the Engineer may direct. These connections shall be closed with bulkheads not less than eight inches in thickness and of the quality specified for brick masonry.

Fresh Work to be Protected.

Section No. 321. All fresh work shall be carefully protected from injury in every way. No wheeling or walking will be allowed on it and any portion injured must be relaid by the Contractor; no walking or working over the pipes after they are laid, except as may be necessary in tamping the earth and refilling, will be allowed until there is at least two and one-half feet of earth over them.

Pipes to be Kept Clean.

Section No. 322. The interior of pipe sewers shall be carefully freed from all dirt, cement and superfluous material of every description as the work progresses, for which purpose a disc, mold or plate, attached to a rod sufficiently long to pass two joints from the end of the pipe last laid, shall be continuously worked through.

Exposed Ends of Pipes to be Protected.

Section No. 323. The exposed ends of pipe sewers shall, in all cases, be protected with a board or other stopper carefully fitted to the pipe, to prevent earth or other substances from washing in, and in no case shall brick or stone be used for that purpose.

Manholes.

Section No. 324. The masonry of manholes shall be carried up so that the top of the iron head when set shall be at the level of the established grade of the street at that point or to such height as the Engineer may direct, and from templates correctly made and set at top and bottom, between which not less than eight lines shall be drawn. Where manholes are not built to the established grade of the street, they shall be covered, when necessary, by selected bluestone slabs eight inches in thickness, to support the manhole heads. All joints shall be neatly struck and pointed on the inside. Each manhole shall be plastered thoroughly on the outside with cement mortar one inch in thickness, mixed in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 325. The foundations for manholes shall be of concrete or masonry of the kind indicated on the plans and shall be not less than twelve inches below the invert elevation of the sewer, except as otherwise indicated on the plan. When foundation additional to that indicated on the plan is required, it shall be built as directed by the Engineer.

Pipe Connections.

Section No. 326. Sewer pipes shall be built in and trimmed, when necessary, so as to be flush with the inner face of the manhole, and an arch, laid in cement mortar, shall be turned over the pipe.

Vitrified Bricks or Granite Blocks.

Section No. 327. The invert shall be built of vitrified brick, granite paving blocks or concrete masonry, as indicated on the contract drawings.

Use of Bats.

Section No. 328. A reasonable number of bats not smaller than half bricks may be used in the construction of manholes or receiving basins, provided all interstices are thoroughly filled with mortar.

Steps.

Section No. 329. Standard steps of good quality of galvanized wrought iron, of the size, length and shape required for steps, shall be built into the interior sides of all manholes at a distance apart of not more than fifteen (15) inches vertically and they shall be so arranged that the lowest step shall be not more than two feet above the bench at the bottom of the manholes nor more than two feet above the invert of the sewer where there is no bench. Each manhole head shall be cast with a wrought iron step on the inside, when directed by the Engineer.

Bluestone.

Section No. 330. Hammer-dressed bluestone shall be furnished and laid of the form and thickness required as indicated on the plans or as otherwise directed.

Manhole Head and Cover.

Section No. 331. A cast-iron manhole head and cover of the quality specified for cast-iron, and except in special cases, of the pattern adopted by the President of the Borough in which the work is located, and in dimensions, weight and all other respects satisfactory to the Engineer shall be fitted on a bed of mortar to each of the above described manholes. Manhole heads and covers which do not conform to these specifications shall be removed at once from the work.

Perforations.

Section No. 332. Covers to be used on manholes in the street shall be perforated. Those used on sidewalk manholes shall be tight-fitting without perforations.

Weights.

Section No. 333. Each manhole head and cover shall have its weight distinctly marked upon it with oil paint. The following shall be allowed as the minimum and maximum weights:

Street manhole head, 475 to 500 pounds.
Street manhole cover, 135 to 150 pounds.
Sidewalk manhole head, 300 to 310 pounds.
Sidewalk manhole cover, 100 to 110 pounds.

Noiseless Heads and Covers.

Section No. 334. When the pavement of the street is asphalt or wooden block, the manhole shall be fitted with a noiseless head and cover, to be approved by the Engineer, where new heads and covers are necessary.

Sealed Heads in Vaults.

Section No. 335. All manholes in vaults or other structures shall be provided with sealed manhole heads and covers according to the design indicated on the plans.

Emergency Manholes.

Section No. 336. Where a sewer crosses under the subway, emergency manholes shall be provided when directed by the Engineer and according to plans to be furnished by him.

Manholes to Be Completed.

Section No. 337. Manholes shall in all cases be fully and completely built and fitted with their covers as the work progresses, and the sewers shall not be laid beyond or in advance of any uncompleted manhole.

Receiving Basins.

Section No. 338. Receiving basins shall be built as located on the plans or as the Engineer shall direct and in accordance with the plans to be furnished. Each portion of the basin shall be built of the size and materials designated on said drawings and shall be thoroughly plastered, both inside and outside, with cement mortar in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 339. The foundations for receiving basins shall be of concrete or masonry of the kind indicated on the plans and shall extend not less than twelve inches below the finished floor of the basin, except as otherwise indicated on the plans. When additional foundation is required, it shall be built as directed by the Engineer.

Stone Flooring.

Section No. 340. The flooring shall be of hammer-dressed North River bluestone flagging, not less than three inches thick, in not more than two pieces, and shall be well set in a full bed of mortar and rammed into place. The floor may be finished with cement mortar mixed in the proportion of one part of cement to one part of sand, if so directed by the Engineer. The mortar shall be spread, while fresh, upon the concrete base and before the latter shall have reached its first set; it shall be in such quantity that after thorough manipulation it shall be one inch in thickness.

Head Stone and Gutter Stone.

Section No. 341. Where head stone and gutter stone are required they shall be of sound, durable granite of the dimensions indicated on the plan, hammer dressed to an even surface and cut to the satisfaction of the Engineer. Cast-iron basin heads and gutter pieces of the design indicated on the plans shall be set instead of the above when required.

Cast-iron Cover.

Section No. 342. A cast-iron cover of approved pattern weighing not less than eighty nor more than ninety-five pounds shall be fitted to the opening in the head stone.

Grate Bar.

Section No. 343. A grate bar made according to the plan shall be fastened solidly into the said head stone in the manner indicated.

Cast-iron Trap.

Section No. 344. A cast-iron trap of the form and dimensions indicated on the plan free from imperfections, and properly coated with coal pitch varnish shall be furnished and built into place, as directed by the Engineer.

Joints.

Section No. 345. The joints shall be tightly fitted with an oakum gasket or with cement mortar, if so directed.

Iron Steps.

Section No. 346. Galvanized iron steps of the same design required for manholes shall be built into the walls.

Culvert Pipes.

Section No. 347. The culvert pipe for connections with sewers shall be 12-inch vitrified pipe unless otherwise indicated on the plan, and of the kind and quality previously described, and shall be laid, in all cases, in a concrete cradle of the form and dimensions required for pipe sewers, in accordance with the directions of the Engineer. In case it becomes necessary to connect any basin already built with the work to be constructed, so much of such culverts as in the opinion of the Engineer may be necessary shall be taken up and rebuilt or relaid with vitrified pipe, or brick, as the case may be, in the manner described above, and reconnected in a straight line from the basin to the sewer.

Flush Tanks.

Section No. 348. Automatic flush tanks of a type approved by the Engineer shall be built where indicated on the plans or where directed by the Engineer.

Waterproofing.

Section No. 349. Whenever, in the opinion of the Engineer, it is necessary to waterproof a sewer, chamber or receiving basin, or their appurtenances, it shall be done as indicated on the plans or as directed by the Engineer and in the manner described elsewhere in these specifications.

Mortar.

Section No. 350. All masonry shall be laid in Portland cement mortar of the quality described in these specifications. It shall be mixed in the proportion of one (1) part of cement to two (2) parts of sand, excepting as otherwise specially provided.

Concrete.

Section No. 351. All concrete for sewers shall be made in the proportion of one one (1) part of cement to two (2) parts of sand and four (4) parts of stone of the quality described in these specifications.

Paving.

Section No. 352. On the completion of each section of one hundred feet of sewer, the sidewalks and roadways shall be restored as provided under specification Subdivision 22, Surfaces Restored.

Permits for Connections.

Section No. 353. The Commissioner of Public Works shall have the right to connect any sewer or sewers with the sewers herein described or to grant permits to any person or persons to make connections therewith at any time before it is finally completed, and the Contractor shall not interfere with or place obstructions in the way of such person or persons as may be employed in building such new sewer or sewers or in making such connections. This is not to be construed, however, as permitting the introduction of storm water or sewage into any sewer being constructed under this contract before its final completion.

Thoroughly Cleaned.

Section No. 354. During the progress of the work, and until the entire completion and final acceptance thereof, the sewers, drains, basins, culverts and connections shall be kept thoroughly cleaned throughout, and left clean, and the drainage of any old sewer that may be taken up or intercepted shall be provided for and taken care of by the Contractor, all at his own expense.

Payment for Sewers.

Section No. 355. Payment for sewers will be made for sewer complete as herein provided in Schedule Items 37, 38, 39, 40, 40-A, 41, 42, 43, 45, 47, 50, 50-A and 52-A, except as hereinafter specifically provided. The price for each class of sewer is to include each and every item applicable thereto as herein given in Sections Nos. 278 to 354 of these specifications and as otherwise provided in the contract and as indicated on the drawings; excepting as is hereinafter specially provided.

Excavation.

Section No. 356. In addition to the price per lineal foot for completed sewer, as above provided, excavation will be paid for at the prices herein stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92), on the basis of size of trench stipulated in Sections Nos. 282 and 285. Payment for street surface restored shall be as provided in Schedule Item 30 (a), (e), (f) and (j).

Steel Beams and Reinforcing Rods.

Section No. 357. Where steel beams or reinforcing rods are required and ordered, such beams and rods will be paid for in addition to the price bid for the sewer and at the prices herein stipulated for furnishing and placing such material and all work incidental thereto, in Schedule Item 20 or 21.

Automatic Flush Tanks.

Section No. 358. Where automatic flush tanks are built as provided in Section No. 348 of the specifications they will be paid for as herein provided in Article XII of the contract.

Waterproofing.

Section No. 359. Where waterproofing is required and placed in accordance with Section No. 349 of the specifications it will be paid for at the prices herein stipulated for waterproofing, Schedule Item 15 or 16.

Siphons.

Section No. 360. Where inverted siphons passing under the Railroad structure are called for and built, they shall be considered as part of the regular Railroad construction from outside to outside of the sewer chambers or between points of departure from standard sewer construction, such limits being indicated on the plans; and payment for such siphons will be made in accordance with the various classes of work or material as are applicable thereto in the Schedule and at the prices therein stipulated for such items.

Cast-iron Pipe Sewers, etc.

Section No. 361. All cast-iron pipe sewers wherever built, and the parts within the limits of the Railroad, when indicated on the plans, of all other sewers crossing over or under the Railroad, will be paid for in accordance with the various classes of work or material applicable thereto in the Schedule and at the prices stipulated therein for such classes of work or material.

For all manholes or receiving basins constructed in accordance with the provision of this section, the cast or wrought iron furnishings (except pipes) will be paid for under Schedule Item 25-C, which item however is applicable only to the class of work covered by this section.

House and Drainage Connections.

Section No. 362. The cost of the maintenance, support or construction of all house or other drainage connections made necessary by construction under Sections Nos. 360 and 361 will be included in the prices for the several classes of work and material entering into such construction.

Sewers Under Station Platforms.

Wherever a sewer passes under a station or station platform, all the requirements with respect to extra heavy soil pipe, special manhole castings, ventilating pipes, and sealed manhole covers, as included in Sections Nos. 301, 318, 319 and 335, respectively, apply in every respect.

SUBDIVISION 19.

Requirements for Pipes.

General.

Section No. 363. Whenever it is necessary to relay any water main, all new material required for the same shall be of the quality and laid in the manner specified below, and subject to the various clauses of these specifications applicable thereto.

Pipes to be Cylinders.

Section No. 364. The pipes shall be circular cylinders, with the inner and outer surfaces concentric, and of the full interior diameter required.

Hubs and Spigots.

Section No. 365. The hub or socket and the spigot end shall be shaped in exact conformity with the standards of the Department of Water Supply, to be furnished by the Commission, and will be tested by circular gauges.

Workmanship.

Section No. 366. The seat or shoulder of the socket and the end of the spigot shall be straight and even, and at right angles to the axis of the pipe, so as to make a smooth, tight joint. Special care will be required in making the sockets and spigots to conform to the drawings and all pipes will be rigorously inspected at these points. No pipe will be received whose eccentricity at either the spigot or socket ends, exceeds one-eighth (⅛) of an inch, or whose dimensions differ by more than one-eighth (⅛) of an inch from those required.

Interior Diameter.

Section No. 367. The pipes shall be designated by dimensions of the interior diameter.

Lugs, Etc.

Section No. 368. Bands, lugs, buttons, or ribs shall, if required, be cast on the pipes, of such forms and dimensions as the Engineer may direct.

Length of Pipe.

Section No. 369. The straight pipe shall be twelve (12) feet long, exclusive of hub; other pipe as may be directed.

Straightness.

Section No. 370. All straight pipes shall be straight in the direction of the axis of the cylinder.

Thickness and Weights.

Section No. 371. The thickness of the pipes, branches and special castings shall correspond with the standards of the Department of Water Supply. The weight for straight pipe shall be as follows:

60-inch pipes, special.
48-inch pipes, 9,886 pounds each.
42-inch pipes, special.
36-inch pipes, 5,920 pounds each.
30-inch pipes, 4,460 pounds each.
24-inch pipes, 2,965 pounds each.
20-inch pipes, 1,979 pounds each.
16-inch pipes, 1,458 pounds each.
12-inch pipes, 1,018 pounds each.
8-inch pipes, 542 pounds each.
6-inch pipes, 416 pounds each

High Pressure Fire System.

Section No. 372. For high-pressure fire system standard spigot and grooves—the weights for straight pipes, with lugs, shall be as follows, in pounds per length:

	Of 3 ft.	Of 4 ft.	Of 6 ft.	Of 12 ft.
8-inch	355	420	550	935
12-inch	615	745	1,000	1,765
16-inch	1,005	1,215	1,635	2,905
20-inch	1,475	1,795	2,425	4,320
24-inch	2,105	2,585	3,535	6,385

All requirements as to weights, laying, tests, etc., shall be in strict accordance with the standard requirements of the Department of Water Supply, Gas and Electricity.

Will Be Calipered.

Section No. 373. The thickness of the metal of the pipes and special castings will be tested by calipers after the castings have been freed from sand and cleaned.

Variations in Thickness.

Section No. 374. No pipe will be received when the thickness of metal is less by more than one-twelfth (1/12) of an inch than the thickness required by the standards.

Variation in Weights.

Section No. 375. Any straight pipe the weight of which is deficient by more than the following stated percentages of the standard weight, will be rejected:

For pipe 16 inches or less in diameter, 5 per cent.

For pipe over 16 inches in diameter, 4 per cent.

Excess weight in any one pipe not to exceed the above stated percentages will be paid for. The total weight, however, to be paid for shall not exceed for each size of pipe received the sum of the standard weights of the same number of pieces of the given size, by more than two (2) per centum.

(The term "Standard Weight" as above used in connection with straight pipe shall be taken to mean the standard weight corresponding to the actual laying length of the pipe as furnished.)

Variation of Weight of Special Castings.

Any special casting the weight of which is deficient by more than the following stated percentages of the standard weight will be rejected:

For special castings 12 inches or less in diameter 10 per cent.
For special castings over 12 inches in diameter 8 per cent.
Excess weight in any one special casting, not to exceed the following stated percentages, will be paid for:
For special castings 12 inches or less in diameter 8 per cent.
For special castings over 12 inches in diameter 6 per cent.
The total weight, however, to be paid for shall not exceed for the special castings received the sum of the standard weights of the same number of special castings by more than five (5) per cent.

Straight Pipe Cast Vertically.

SECTION No. 376. All straight pipes shall be cast vertically, and all pipes 12 inches or more in diameter shall be cast with the hub end down.

Clean and Smooth.

SECTION No. 377. All the castings shall be made in such moulding-sand or loam as will leave the surface clean and smooth.

Castings, How Marked.

SECTION No. 378. All the castings shall have the year in which they are cast, the running number of the castings of the same size and form, the letters D. W. S., and the initials or name of the Contractor, and of the foundry where cast, cast on the outer side in raised letters of not less than two (2) inches in length and one-eighth (⅛) of an inch in relief, in such manner as the Engineer may designate; and in case any pipe shall be condemned, the letters D. W. S. shall be erased by the Contractor.

Quality of Cast-Iron.

SECTION No. 379. The metal of which the castings are to be cast (which shall be remelted in a cupola or air-furnace) shall be pig-iron, made without any admixture of cinder-iron, or other inferior metal, and shall be of such character as to make a pipe strong, tough and of an even grain, entirely free from uncombined carbon when seen under the microscope, and such as will bear, satisfactorily, drilling and cutting and shall have a tensile strength of at least sixteen thousand (16,000) pounds to the square inch.

Imperfections.

SECTION No. 380. The castings shall be free from scoria, sand holes, air bubbles, and other defects and imperfections.

Castings To Be Clean.

SECTION No. 381. The castings shall be perfectly cleaned and no lumps shall be left on the inner surface of the barrels or sockets, or on the outer surface of the spigot end. The castings shall be subject to hammer inspection. Iron-wire brushes shall be used, as well as softer brushes, to remove the loose dust. No acid or other liquid shall be used in cleaning the castings.

Pipes To Be Coated.

SECTION No. 382. Every pipe, branch and special casting shall be carefully coated inside and out with coal pitch and oil. Every casting shall likewise be entirely free from rust when the coating is applied. If the casting cannot be dipped immediately after being cleaned, the surface shall be oiled with linseed oil, to preserve it until it is ready to be dipped. No casting shall be dipped after rust has set in.

Pitch.

SECTION No. 383. The coal-tar pitch shall be made from coal-tar distilled until the naphtha is entirely removed and the material mixed with linseed oil so as to make a smooth, tough and tenacious coating. Pitch which becomes hard and brittle when cold will not answer for this use.

Temperature of Pitch.

SECTION No. 384. Pitch of the proper quality having been obtained, it shall be carefully heated in a suitable vessel to a temperature of three hundred (300) degrees Fahrenheit, and shall be maintained at not less than this temperature during the time of dipping. The material will thicken and deteriorate after a number of pipes have been dipped; fresh pitch shall, therefore, be frequently added, and occasionally the vessel shall be entirely emptied of its old contents and refilled with fresh pitch.

Temperature of Casting.

SECTION No. 385. Every casting shall attain a temperature of three hundred (300) degrees Fahrenheit before being removed from the vessel of hot pitch. It shall then be slowly removed and laid on skids to drip.

To Be Inspected Before Dipping.

SECTION No. 386. No casting shall be dipped until the authorized inspector has examined it as to cleaning and rust, and subjected it thoroughly to the hammer test. It may then be dipped, after which it will be passed to the hydraulic press to meet the required water test. The proper coating shall be tough and tenacious when cold on the pipes, and not brittle or with any tendency to scale off.

Tests.

SECTION No. 387. The castings must be capable of sustaining a pressure, in the hydraulic press, of three hundred (300) pounds to a square inch, and any casting which shows any defect by leaking, sweating or otherwise will be rejected. This test shall be made at the foundry, and at the expense of the Contractor.

Weighed and Marked.

SECTION No. 388. The castings shall be weighed, and the weight distinctly marked on the castings in white paint. The Contractor shall provide at the foundry where the pipes and castings are to be manufactured proper sealed scales and weights for weighing the castings, which shall be done at the expense of the Contractor, under the supervision of the inspector.

Blocking and Wedges.

SECTION No. 389. Each pipe over eight (8) inches inside diameter, unless otherwise ordered, shall be placed on two (2) blocks and four (4) wedges of hemlock timber the wedges to rest on the blocks and the pipe on the wedges.

Timber for Blocking.

SECTION No. 390. The blocks and wedges shall be of sound hemlock timber; 48 and 36-inch pipe shall be laid on blocks 4 feet long, 12 inches wide and 6 inches thick, with wedges 18 inches long, 6 inches wide, 4 inches thick on one end and ½ inch thick on the other; 30 and 24-inch pipe on blocks 3 feet long, 10 inches wide and 5 inches thick, with wedges 15 inches long, 5 inches wide and 3½ inches thick on one end and ½ inch thick on the other end; 12 and 20-inch pipe on blocks 2 feet long, 8 inches wide and 4 inches thick, with wedges 12 inches long, 4 inches wide, 3 inches thick on one end and ½ inch thick on the other.

Joints.

SECTION No. 391. The spigot end of the pipe shall be inserted into the hub to within from one-fourth (¼) to one-eighth (⅛) of an inch of the full depth of the hub, and the space around the pipe shall be equalized so as to give as nearly as possible an equal space for the packing. The space between the pipe and hub shall be packed with clean, sound jute packing yarn, free from tar, far enough to leave the proper space for lead. The remaining space shall then be filled by running it full of lead to a depth of four (4) inches, with a bead outside of the face of the hub large enough to allow for caulking, so that when the joint is properly caulked the lead will be flush with the hub of the pipe. After the joint shall have been run with lead, it shall be caulked by means of proper tools so as to make a water-tight joint.

Lead.

SECTION No. 392. The lead to be used shall be of the best quality of pure, soft lead, and in every respect suitable for the purpose.

Notice of Interruption To Be Given.

SECTION No. 393. In case it becomes necessary to cut any connection with any other main, house or hydrant, or in any way to interfere with the continuous and normal flow of water, due notice shall be sent at least forty-eight (48) hours in advance to the Engineer and to the Commissioner of Water Supply, and the Contractor shall, if so ordered, make a temporary by-pass or other arrangement to preserve the flow of water while breaking connections.

Connections Interfered With.

SECTION No. 394. All connections cut, interfered with or injured shall be restored under the directions of the Engineer, without delay, and in accordance with the rules and regulations of the Department of Water Supply governing such matters, to a suitable condition as good as existed before commencing work.

Stop Cocks, etc.

SECTION No. 395. Stop cocks, boxes, branches, curved pipe, and other specials according to the standards of the Department of Water Supply shall be set where necessary.

Specifications of Owners Apply.

SECTION No. 396. For gas pipes, steam pipes, air pipes, mail tubes and any other pipes not herein enumerated, the standard weights and all other requirements shall be in accordance with the standard specifications and requirements of the several owners of such structures.

SUBDIVISION 20.

Ducts.

One-way Ducts.

Section No. 397. The ducts to contain cables for transmitting electricity shall generally be in the one way form with circular holes for Railroad ducts and of the four way form with circular holes for Tunnel ducts unless otherwise ordered by the Engineer.

Tunnel ducts are those incorporated in the Railroad structure. All other ducts for use in connection with the Railroad are termed Railroad ducts.

Dimensions.

Section No. 398. The dimensions and form of each piece shall conform to the following requirements:

Length of one way ducts shall be eighteen (18) inches and of four way ducts thirty-six (36) inches, except that a sufficient number of short pieces of various lengths shall be furnished to lay curves and to piece out at manholes so as to bring the ends of all ducts in a vertical plane.

The minimum inside diameter of holes shall be such as to pass a mandrel three and one-half (3½) inches in diameter.

The outside dimensions of one way ducts shall be not less than five (5) inches nor more than five and one-quarter (5¼) inches measured at right angles to the flat of each side. The outside dimensions of four way ducts shall be not less than nine and three-quarters (9¾) inches nor more than ten (10) inches measured in the same way.

The outside and partition walls measured at the thinnest part shall be not less than five-eighths (⅝) of an inch for one way ducts, nor less than three-quarters (¾) of an inch in thickness for four way ducts.

The ducts shall be made square on outer lines. One way ducts shall have the outside corners cut off to leave a flat surface of not less than three (3) inches, the ends to be cut smooth and at right angles to the axis of the duct and beveled on the inside for a quarter (¼) of an inch. Four way ducts shall have the outside corners rounded to a radius of two and one-half (2½) inches, the ends to be cut smooth and at right angles to the axis of the bore with each hole reamed to a depth of one-half (½) an inch with a taper of three-eighths (⅜) to one.

Four-way ducts shall have dowel holes of not less than three-eighths (⅜) nor more than seven-sixteenths (7-16) of an inch in diameter extending along the entire horizontal axis of the duct. These dowel holes shall be located at the intersection of the partition walls and at the intersections of the partitions and side walls.

Combings.

Section No. 399. One way ducts shall be combed on each face adjacent to the corner of the duct with two sets of three longitudinal combings each, each combing to have a width of one-quarter (¼) of an inch and a depth of not less than one-sixteenth (1-16) of an inch. Four way ducts shall be combed on each end with two sets of three combings each, each combing to have a width of one-quarter (¼) of an inch and a depth of not more than one-sixteenth (1-16) of an inch.

Manufacture and Quality.

Section No. 400. All ducts shall be manufactured of the best clay, mixed thoroughly and in proper proportions, burnt hard through its entire thickness until well vitrified but in no case so burnt as to be fused and scoriated. The clay used shall be plastic and smooth, perfectly free from lime stone, lime pebbles, pyrites and chalk, and sufficiently fireproof to acquire proper density before vitrification takes place. The clay shall be well pulverized and made perfectly homogeneous, and the surface of each piece both inside and outside shall be thoroughly glazed in the most approved manner with good salt glaze. The ducts shall be sound and without soft spots, stones, gravel, cracks, breaks or blisters, and the interior surface shall be free from warts, tits, nodules, chips, breaks, rough spots or cracks, that in the opinion of the Engineer may prove injurious. Each duct shall be practically straight and under no circumstances will any piece be accepted which shall have a bow, curve or kink sufficient to prevent the passage of a mandrel three and one-half (3½) inches in diameter and twenty-four (24) inches long for one way ducts and forty-two (42) inches long for four-way ducts. No piece will be accepted if it shall have a bow, bend or kink in more than one direction. Throughout its entire length the bore shall be straight, smooth and circular. The center of the bore shall be exactly in the center of one way ducts.

Inspection.

Section No. 401. All ducts to be subject to inspection, at the place of manufacture and on the work, and at any other time and place as may be required by the Engineer. All rejected ducts to be promptly removed by the Contractor at his expense.

Laying.

Section No. 402. The ducts shall be laid in beds of cement mortar about one-quarter (¼) of an inch in thickness, with broken joints, both horizontally and vertically, true to line and grade, and so placed that there shall be no shoulders or offsets in the bore. All interstices shall be filled with mortar. In laying ducts care must be taken to close abutting joints so that the ends of all consecutive ducts shall be practically in contact on all sides.

Alignment and Joints.

Section No. 403. Each piece of four way duct shall be supplied with at least two dowel pins placed in opposite sides. These dowel pins shall be of wrought iron three and one-half (3½) inches long of circular cross-section five-sixteenths (5-16) of an inch in diameter. The surface shall be smooth, the ends tapered and at the middle of its length shall be cut a spur or feathering on one side which shall project sufficiently to prevent the dowel pin entering the dowel pin hole beyond such spur. The diameter of the dowel pin shall not be reduced more than one-sixteenth (1-16) inch to make the spur.

Wraps.

Section No. 404. Two (2) strips of thick unbleached muslin six (6) inches wide and coated with neat cement mortar, shall be used to wrap each joint, the ends of the wrap to lap four (4) inches. The muslin shall be not less than 56x60 count, weight not less than four (4) ounces to the yard and width thirty-six (36) inches. Where ducts are laid on curves, the wraps must be doubled if required, to protect the openings between the ends of the ducts on the outer line of the duct and to exclude all mortar from duct openings. Metal wraps will not be permitted.

Special Mandrel for Cleaning.

Section No. 405. Ducts shall be laid with a link mandrel of a length and diameter to be prescribed, which shall be drawn through each duct as it is laid. Each section of the mandrel shall be equipped with a heavy rubber or leather washer on one end, so as to remove all projections of mortar that may be in the ducts; the mandrel is to be left in each duct until the succeeding duct is laid.

Rodding.

Section No. 406. After the duct bank has been completed and in the case of Railroad ducts, the trench, backfilled, the manholes built and heads set, and in the case of tunnel ducts, the tunnel structure completed, the ducts shall be rodded by pushing a soft pine mandrel through the bore. This mandrel shall be of approved design, three and one-quarter (3¼) inches in diameter, eight (8) inches long and screwed to the end of the rod. If obstructions are found in rodding the ducts which cannot be removed by cleaners, so as to give a clear and smooth opening sufficient to pass the above mandrel without damaging the duct, the duct shall be removed and relaid. All ducts during construction and after being rodded shall be plugged with suitable plugs to be furnished by the Contractor. If wooden plugs are used thy shall be immersed in water at least eight hours before being put in place.

Measurement and Payment for Vitrified Railroad Ducts.

Section No. 407. Railroad ducts shall be paid for per duct foot in place at the price herein stipulated for Railroad ducts, Schedule Item 18-A, and Tunnel ducts shall be paid for per duct foot in place at the price herein stipulated for Tunnel ducts, Schedule Item 18, which prices shall include the cost of furnishing, laying and rodding the ducts, of furnishing and placing the concrete envelope for the Railroad ducts and of all incidental work, labor and material not otherwise provided for. For Railroad ducts and Railroad duct manholes, excavation and restoration of street surface shall be paid for at the prices stipulated in Schedule Item 2-A and 3-A and Schedule Item 30; and changes of surface and subsurface structures made necessary because of physical interference with Railroad ducts or Railroad duct manholes shall be measured and paid for as provided in Sections Nos. 60, 61 and 62. The ducts to be provided under Schedule Items 18 and 18-A shall include only those intended solely for the purpose of the operation of the Railroad.

In the estimate and payment for excavation for Railroad ducts and Railroad duct manholes allowance will be made in earth and in rock for a width of trench eight (8) inches wider than the duct structure or manhole, the depth, measured on the line

of the trench being taken in earth as the distance from the street surface to the lowest part of the structure; in rock as the distance from the surface of the rock to the lowest part of the structure.

Duct Manholes.

Section No. 408. Generally the Railroad duct line will be constructed near the curb, but to escape existing subsurface structures it may be placed in another location as ordered. Duct manholes shall be built as indicated on the drawings or as directed by the Engineer. These manholes shall be generally at intervals of about four hundred (400) feet. They may vary in form to adapt the work to local conditions. Duct manholes will be paid for in accordance with the various classes of work or material applicable thereto in the Schedule and at the prices stipulated therein for such classes of work or material. (See Section No. 427.)

The four (4) inch drain pipes for the duct manholes shall be vitrified pipe of the best quality, thoroughly and perfectly burnt, without imperfections, well and smoothly glazed inside and outside and perfect in shape. It shall be paid for at the price stipulated in Schedule Item 17 (e), which price shall include all work, labor and material incidental to furnishing and laying the pipe in place, and including the proper connections with the sewers, except excavation and the restoration of the street surface.

Tunnel Duct Manholes.

Section No. 409. Tunnel duct manholes shall be built at the sides of the tunnel in connection therewith and as indicated on the drawings or as directed by the Engineer. These manholes shall be generally at intervals of about four hundred and fifty (450) feet, and shall be on either or both sides of the Railroad to accommodate the duct lines. They may vary in form as may be necessary to adapt the work to local conditions. They are to be considered as part of the Railroad structure, and paid for at the schedule prices for such work. Sliding steel doors of an approved type and with the necessary fittings shall be provided for all duct manholes. Such doors and fittings will be paid for as riveted steel, Schedule Item 19.

Duct Manholes at Stations.

Duct manholes will be built at the ends of the stations to provide for the passage of the ducts under the station platforms.

Special.

At manholes, ducts will be laid to conform to the special conditions.

Openings to the street surface shall be provided from all manholes. Ten (10) inch cast-iron pipe will be used for this purpose in some cases. Such pipe when used will be measured in place in the work and will be paid for at the price stipulated in Schedule Item 17 (i).

SUBDIVISION 21.

Conduits.

Open Construction Required.

Section No. 410. In all work where iron pipe conduits are installed for a part of their length in the structure and for another part as open construction, the ends of such runs shall be carried outside of said structure as open construction and shall terminate in outlet or junction boxes located by the Engineer.

Usually to Be Built in.

Section No. 411. The iron pipe conduits required by Section No. 410 will be built mainly in the walls, roofs or other parts of the stations; portions, however, of the runs will be left exposed, to be covered later by the station finish work.

Quality of Iron Pipe Conduit.

Section No. 412. All iron conduits used for any purpose in connection with the work herein shall be of the best grade (Galvaduct or equal) standard weight wrought iron or steel piping, protected inside and out by a coat of zinc or enamel. It shall be delivered to the work in bundles of full length pipes, each length marked with the trade mark of the manufacturer. It shall bend cold 90 degrees about a radius equal to ten diameters without signs of flaw or fracture in either pipe or enamel.

Cleaning and Workmanship.

Section No. 413. All conduits shall be carefully cleaned before and after erection, and all ends shall be reamed free from burrs, and inside surfaces shall be free from all imperfections liable to injure the cable.

Joints Water-Tight.

Section No. 414. All joints shall be made with standard couplings, well treated with red lead, and screwed up to make a water-tight job.

Support and Protection.

Section No. 415. Conduits built into concrete or other parts of the structure shall be properly protected and supported, so that the same shall not be injured by the building operations.

Strap Supports.

Section No. 416. Conduit not built into the structure shall be supported by approved pipe straps located not more than eight feet apart, or in any other manner designated by the Engineer, and they shall be kept boxed or otherwise suitably protected from injury.

Bends and Offsets.

Section No. 417. Bends and offsets may be made in the field if proper tools are used, but in no case shall deformed, split or crushed conduit be erected. Not more than two right angle bends shall be made between any two outlet boxes without special approval of the Engineer.

Measurement and Payment.

Section No. 418. Measurements for the above iron pipe conduits shall be per lineal foot of single conduit placed in the work—in accordance with the requirements—and payment for the same shall be as herein stipulated in Schedule Item 32.

Outlet and Pull Boxes and Payment for Same.

Section No. 419. All outlet and pull boxes shall be made of cast iron, with openings threaded for the conduit ends, and conduits shall be screwed into these openings and made up with red lead to effect a water-tight joint. Covers shall be of cast iron and water-tight, and no other boxes or covers shall be used except under special permission of the Engineer. The price for each cast iron outlet and pull box furnished and placed in the work shall be as herein stipulated in Schedule Items 33 and 33-A.

SUBDIVISION 22.

Surfaces Restored.

Pavement to Be Restored.

Section No. 420. As soon as the structure in any excavation or trench made within a street shall be completed and the trench back-filled, a temporary pavement shall be laid and maintained for at least four months in a condition satisfactory to the Engineer; and after the earth shall have become, in the opinion of the Engineer, sufficiently settled, the Contractor shall proceed to restore the surface to a condition similar to, and equally as good as, that existing previous to the commencement of construction.

Provisions Apply to Sewer Trenches.

Section No. 421. All the requirements as to street surface restored shall apply to the trenches for sewers, pipes or other subsurface structures along or off the line of the Railroad.

Other Sidewalks May Be Laid.

Section No. 422. Nothing contained in these specifications shall be understood or construed as prohibiting the Contractor from making any arrangement with the President of the Borough, or such other officer of the City of New York as may be in charge of street paving, to lay a better or other form of street pavement in the roadway between curb lines; or to make arrangements with any property owner to lay another style of sidewalk, or other surface covering within curb lines, in place of the sidewalk or other surface covering taken up; in which case the Contractor shall file with the Commission a copy of his contract with such municipal officer or with such property owner, duly acknowledged in writing by both parties.

In case the municipal officer in charge of street paving, or any property owner desires to lay a pavement in the roadway between curb lines, or a sidewalk, or other surface covering within curb lines, affected by this contract, different from the one removed, and shall notify the Commission in writing that he has failed to make satisfactory arrangements for such work with the Contractor then the Commission, in its discretion, may direct the Contractor to finish and dress off the filling over his work to such grade as the Engineer may select, and further direct him to remove from the area to be restored all material of whatever nature not required to be relaid, and to permit another contractor to lay such roadway pavement, sidewalk or other surface covering; in which case the liability of the Contractor under this contract shall cease, as far as that part of his work is concerned, whenever the Engineer shall report to the Commission that the instructions of the Commission have been complied with, exactly the same as if the Contractor had fully completed the restoration as hereinbefore provided.

Payment for Street Surface Restored.

Section No. 423. Payment for street surface restored will be made as provided in Schedule Item 30 (a) within curb lines, Schedule Item 30 (e), (f) and (j) between curb lines, which prices shall include the cost of restoring all curbs, manhole heads and covers, gratings, vault lights, etc., that formed a part of the original street surface; and of all temporary surfaces that may be necessary to maintain traffic pending the final placing of the permanent paving. The support of the street surface between the rails of the street railroad tracks will not constitute "street surface restored"; that is, the Contractor will not be paid for street surface restored in cases where the original pavement between the rails of street railroad tracks is not removed and replaced; nor will the area of the top surface of the rails or slot of the street railroads be measured and paid for as "street surface restored."

When required by the Engineer, the Contractor shall furnish and set contiguous to ventilating grating work and station vault light work new bluestone curb dressed to fit the structure. This new curb in place, including all work, labor and material incidental thereto, will be paid for at the price stipulated in Schedule Item 30 (i).

When required by the Engineer, the Contractor shall set such new curbs, or restore the old curbs contiguous to such grating and vault light work when new ones are not ordered, at a new line to be established by the President of the Borough, and such additional roadway pavement as may be required thereby will be paid for at the unit price specified in the Schedule applicable thereto.

Measurements.

Section No. 424. The measurement for payment for street and park surface restored will be to the ordered net lines of excavation.

Outside of Net Lines.

Section No. 425. All other pavement outside of the net lines of ordered excavation, either along or off the line of the Railroad, that may have become damaged, directly or indirectly, as a result of the Contractor's operations, shall be restored by the Contractor at his own cost and expense to a condition similar to and equally as good as that existing previous to the commencement of construction.

Grass Plots and Trees.

Where any grass plots or trees exist along any street occupied by the Contractor, proper precautions must be taken to protect them from injury. For every tree removed, injured or destroyed, the Contractor shall set out a new, thrifty tree of the same kind as the tree removed, injured or destroyed, and not less than fifteen (15) feet in height and not less than three and one-half (3½) inches in diameter measured two (2) feet above the surface of the ground, and in such position as the Commissioner of Parks shall indicate. All grass plots, shrubbery and other plants removed or affected by the construction of the Railroad, shall be restored as soon as possible to as good a condition as existed before the commencement of the work. In replanting trees and the replanting of grass plots the Contractor must be governed by the reasonable requirements of the Commissioner of Parks or by other authorities specially charged with the care of these trees or grass plots, and the nature and depth of the soil to be placed therein must be as approved by such authorities and by the Commission. Payment for all the work covered in this paragraph shall be included in the price paid for street surface restored within curb lines, Schedule Item 30 (a), when such work comes within the ordered net lines of excavation. All such work outside of the ordered net lines of excavation, either along or off the line of the Railroad, shall be restored at the Contractor's own cost and expense. When work such as described in this paragraph adjoins a park, it includes such work on the sidewalks in front of or adjoining the park between the street roadway curbs and the lines of the park.

In Parks.

In any park or parkway the Contractor must take proper precautions to protect from injury all trees, roads, cross-paths, grass plots, shrubbery and other plants and other park features, and when the same are removed, injured or destroyed by the construction of the Railroad, they (except trees) shall be restored as soon as possible to as good a condition as existed before the commencement of the work. The nature and the depth of the soil to be placed and all other work in connection with such restoration must be governed by the reasonable requirements of the Commissioner of Parks or of the other authorities responsible for the care of such parks or parkways. For every tree removed, injured or destroyed, the Contractor shall set out a new tree, as provided in the preceding paragraph of this section. Payment for park surface restored will be made at the price stipulated in Schedule Item 31, which will include the cost of all work, labor and material required to restore all classes of park surface.

SUBDIVISION 23

Gratings, Hand-Rails, Etc.

Steel Gratings.

Section No. 426. Steel gratings shall be provided and placed over fan and other ventilating chambers, and over station approaches, at places shown on the plans, or at other places if required by the Engineer. They will be constructed as shown on the detailed plans for gratings.

At Stations.

Steel gratings also shall be provided and placed over stations as prescribed in the preceding paragraph.

Measurement and Payment.

Gratings will be measured to the lines as constructed and payment therefor will be made as herein provided in Schedule Item 28, which price shall include the grating in place in the work, all frames and framing, and all incidental work, labor and material.

Galvanized Iron Pipe Hand-rails.

Galvanized iron pipe hand-rails, of one or more horizontal rails and supported on wall brackets or on pipe posts, will be placed in the Railroad over the benches containing the ducts, or at other points where directed by the Engineer. They shall be securely fastened to the wall, bench or floor of the tunnel by means of expansion bolts, and as shown on the contract drawings. Measurements for payment will be per lineal foot of pipe rail and posts in place in the work, complete, and at the price as stipulated in Schedule Item 27.

Vault Lights.

The roofs of the stations, where under sidewalks, shall, to as great an extent as possible, consist of vault light construction. These lights shall be made with lenses, not exceeding three (3) inches in diameter, of strong glass set in cement, in frames or panels, and the joint between the glass and the cement shall be made watertight by the use of an approved elastic composition which shall also serve to protect the glass from breaking due to the contraction of the supporting slab. The panels shall be provided with non-slipping treads, buttons or other devices all of design approved by the Engineer; and shall be of sufficient strength to carry, when supported in a manner similar to that in which they are to be permanently set, an equally distributed load of at least five hundred (500) pounds per square foot without signs of failure, deformation or permanent set, when such test load is removed. The right is reserved to test at least one (1) frame or panel in every ten (10), as selected by the Engineer; and, if that fail, then the whole lot may be rejected. The vault lights must be set in place with cement, lead or other means to be absolutely waterproof; and the joint between the vault light construction and the supporting walls or beams shall be made watertight by the use of an approved elastic composition. Any tests required shall be at the Contractor's expense.

Measurement and Payment.

The area for payment for vault lights shall be to lines not exceeding one (1) foot outside of the inner faces of the supporting walls, and the price paid will be as provided in Schedule Item 29 which price shall include all work, labor and material incidental to the completed vault lights in place.

SUBDIVISION 24

Special Matters.

General Specifications Govern.

Section No. 427. The provisions of this subdivision are for the purpose of calling attention to special matters, but except as herein *expressly* provided the foregoing general specifications shall remain unmodified and unaffected hereby.

Contractor to Maintain Fences.

In Battery Park the Contractor at his own expense shall erect and maintain fences and traffic bridges as required by the Engineer. Such fences and bridges shall be subject to all the requirements elsewhere contained herein.

The Contractor shall keep all the work of construction in Battery Park within

the fenced enclosures, but he will be permitted to prosecute such work in open trench excavation without cover.

Contractor to Store Top Soil.

The Contractor shall at his own expense either store the top soil which he removes in Battery Park until it is required for the restoration of the park surface or else, if he shall not desire to store it, shall at his own expense deliver it to the Department of Parks at any place in the Borough of Manhattan south of Chambers street designated by said Department.

The removal of the concrete and steel in the roof of the Hudson and Manhattan Railroad tunnel at Cortlandt street, as indicated on the contract drawings, and the disposal of such concrete and steel will be paid for at the price stipulated in Schedule Item 19-D, which price includes the cost of the cutting and drilling and all other work, labor and material in connection with the removal and disposal of such concrete and steel.

Hudson and Manhattan R. R.

The Contractor shall maintain, support and protect the Hudson and Manhattan Railroad at Cortlandt and Fulton streets with its equipment and rolling stock, both temporarily and permanently, in a safe condition for the continuous operation of trains therein according to the schedule or requirements of the Hudson and Manhattan Railroad Company; and as hereinafter in Chapter VI provided, he shall be solely responsible for any damage thereto and for any injuries to passengers or other persons or to property therein which may occur on account of the work hereunder whether caused by the negligence, fault or default of the Contractor or not, and the Contractor shall indemnify and save harmless both the City and the Hudson and Manhattan Railroad Company from liability upon any and all claims for damages on account of such damage or of any such injuries to persons or property and from all costs and expenses in suits which may be brought for such damage or such injuries to persons or property, and as also provided in Chapter VI the liability of the Contractor under this covenant is absolute and is not dependent upon any question or negligence on his part or on the part of his agents, servants or employees and the neglect of the Engineer to direct the Contractor to take any particular precautions or to refrain from doing any particular thing shall not excuse the Contractor. All work on or affecting said Hudson and Manhattan Railroad shall be performed in accordance with the reasonable requirements of the Hudson and Manhattan Railroad Company. Payment for the maintenance, support and protection of said Hudson and Manhattan Railroad with its equipment and rolling stock and of all passengers and other persons therein as above provided is, as stated in Section No. 63, deemed to be included in the prices for excavation, Schedule Items 1, 2 and 3.

The Contractor's attention is called to the necessity for using extreme care in prosecuting the work in front of the property of the New York Steam Company at 170-174 Greenwich street so as to avoid any settlement or damage to the building or to the plant of the Steam Company or any interruption of service of the plant.

Access to Vaults.

In order to allow the Steam Company time in which to remove pipes, machinery and other equipment from the vault in front of said property the Contractor may not have access to the vault before June 1, 1914. No additional time or extra compensation will be allowed to the Contractor on this account.

The Contractor shall, by such form of permanent contruction as the Engineer may approve, maintain, protect and secure said building No. 170-174 Greenwich street and its contents without danger, settlement or damage and without interruption of its use or service. A plan showing the proposed method of maintaining, protecting and securing said building and its contents shall be submitted to the Engineer and must receive his approval before any work is done in front of said building. Payment for the maintenance, protection and securing said building and its contents will be made at the price stipulated in Schedule Item 4-L, which price is to include the cost of all work, labor and material of whatever nature in connection with safely maintaining, protecting and securing said building and its contents and of any damage thereto and no other allowance will be made therefor under any other Schedule Item or otherwise.

To Rebuild the Steam Mains.

It will be necessary to remove, relocate and rebuild for a considerable distance the steam mains and their appurtenances in the streets, and a new 15-inch main with all appurtenances shall be built in Cedar street to connect with the mains in Trinity Place and Greenwich street, all of which is shown on Contract Drawing No. C-602.

The Contractor will not be required to provide any better form of insulation or protection than is found to exist when the mains are uncovered or any other betterments of the system except that when necessary to protect the Railroad sructure, such construction will be made as indicated on the drawings.

Payment for the removal, relocating and rebuilding of such mains in the streets in their permanent position and for the building of the new main will be made in accordance with the provisions of Sections Nos. 60 and 61.

The Contractor will be required to submit a plan showing the proposed method of maintaining without interruption during the progress of the work the regular service now furnished by these steam mains, which plan must receive the approval of the Engineer before any work is done in connection therewith.

To Maintain Usual Service.

In order to maintain the usual service of the present steam mains without interruption during the progress of the work, a system of temporary steam mains or by-passes shall be laid to take the place of the system now in the ground, such temporary system to be laid upon or above the street or sidewalk surface. These temporary steam mains or by-passes will be paid for at the price stipulated in Schedule Item 114-A, which price is per lineal foot of steam main by-passed and is deemed to include the cost of all excavation, backfilling, temporary paving (including maintenance of the same), and the restoration of the permanent paving both upon the completion of the by-passing installation and upon the restoration of the original system and all other work, labor and material necessary to provide a temporary and independent system of steam supply to take the place of the system now in the street, including trestle if by-passed above the surface of the street, to connect such temporary system with the mains in the intersecting streets, to transfer all house services to such temporary system where necessary and to remove and dispose of the materials of such temporary system. The permanent restoration of the system will be as provided in Sections Nos. 60 and 61. No allowance will be made for the maintenance of such temporary system. All maintenance will be considered as of the original system and will be as provided in Section No. 59. Attention is directed to the unit of measurement specified in Schedule Item 114-A, *lineal foot of steam main by-passed.* No allowance will be made for any of the above work under any other Schedule Item or otherwise.

Contract Drawing No. C-603 shows a suggested system of by-passes which is the best solution of the problem yet proposed. In case this or another system is adopted by the Contractor a plan in detail shall be submitted to the Engineer and receive his approval before any work is done which will expose the steam mains.

The Contractor shall afford to the New York Steam Company such facilities as the Engineer may require for the purpose of bringing coal into its building from Greenwich street.

At Battery Place the ducts will be taken out of the Railroad structure and carried through Battery Place and State street to a manhole of the present Brooklyn-Manhattan Rapid Transit Railroad. This line of ducts will be paid for as Railroad ducts, Schedule Item 18-A.

A third track may be added to, and other changes made in, the elevated railroad structure in Battery Park and on Greenwich street during the term of this contract pursuant to the provisions of a certificate dated March 19, 1913, issued by the Commission to Manhattan Railway Company. The Contractor shall afford to the Manhattan Railway Company or the Interborough Company, or their or either or their contractor or contractors for the whole of third-tracking or otherwise changing said elevated railroad such facilities for the performance of their work as the Engineer may require. The obligation of the Contractor under Section No. 63 to maintain and support both temporarily and permanently in a safe condition said elevated railroad structure for the prices stipulated in Schedule Item 76 relates to the structure as it may exist at any time during the term of this contract whether in its original condition or as third-tracked or otherwise changed under the terms of said certificate or of any modification of said certificate or otherwise.

Chapter IV.

SECURITY TO BE FURNISHED BY CONTRACTOR.

Contractor's Bond.

Article XXVII. Simultaneously with the execution and delivery of this contract the Contractor will give security for the performance of his obligation by filing with the Comptroller a bond in the form annexed hereto, entitled, "Form of Contractor's Bond," executed by the Contractor and by two or more sureties to be corporations or persons approved by the Commission in the sum of three hundred thousand ($300,000) dollars. In case any of the sureties upon the bond shall become insolvent or unable in the opinion of the Commission to pay promptly the amount of such bond to the extent to which such surety might be liable, then the Contractor within ten days after notice by the Commission to the Contractor shall, by supplemental bond or otherwise, substitute another and sufficient surety to be approved by the Commission in place of the surety so insolvent or unable. If the Contractor shall fail, within such ten days or such further time, if any, as the Commission may grant, to substitute another and sufficient surety, then the Contractor shall, for all the purpose of this contract, be deemed to be in default in the performance of his obligations hereunder and upon the said bond, and the Commission may terminate the contract or may bring any proper suit or proceeding against the Contractor and the sureties, or either of them, or may require the Comptroller or the Interborough Company or both to deduct from any moneys then due or which thereafter may become due to the Contractor under this contract the amount for which the surety insolvent or unable as aforesaid shall have justified on the bond; and the Interborough Company shall pay over any amount so deducted by it to the Comptroller and such amount shall in such case be deemed to have been paid by the Interborough Company to the Contractor upon this contract; and the moneys so deducted (including any moneys so deducted and paid by the Interborough Company to the Comptroller) shall be held by the Comptroller as collateral security for the performance of the condition of the bond.

Deposit of Cash or Securities.

*Article XXVIII. The Contractor may at his option deposit with the Comptroller in lieu of said bond or of any part thereof, an equal amount in cash or in value of securities. If securities be deposited they shall be securities of the character in which savings banks of the State of New York are authorized by law to invest moneys and shall be approved by the Commission. A schedule of such securities shall be hereto annexed, entitled Schedule of Securities, and there shall be deposited with them the written approval of the Commission which it shall give when satisfied as to the character thereof. In case any of the securities so deposited shall, in the opinion of the Commission, at any time cease to be of the character of securities in which the savings banks of the State of New York are then authorized by law to invest moneys, or shall, in the opinion of the Commission, at any time become of less value than the value stated for it or them in the said schedule,—then within ten days after notice to the Contractor of the objection of the Commission, the Contractor shall either substitute therefor securities which shall be approved by the Commission as of the character aforesaid and as being of at least the value of the former securities to which the Commission shall have objected as such value was originally stated in the said schedule, or shall deposit with the Comptroller in cash the amount of such value of such former securities as so originally stated. In case the Contractor shall not within such ten days, or such further time, if any, as the Commission may grant, substitute such new securities, or make such deposit of cash, he shall, if the Commission so elect, be deemed to be in default in the performance of his obligations under this contract; and in addition to any and all other remedies against the Contractor or his sureties, the Commission may require the Comptroller or the Interborough Company or both to deduct from any moneys then due or which thereafter may become due to the Contractor under this contract, the amount of the original valuation of such securities objected to; and the Interborough Company shall pay over any amount so deducted by it to the Comptroller; and the Comptroller shall hold the moneys so deducted (including any moneys so deducted and paid by the Interborough Company to him) in lieu of such securities as if part of the original deposit or as if deposited with him as aforesaid, and such amount shall in such case be deemed to be paid to the Contractor upon this contract. The securities so objected to shall upon such substitution of securities or deposit of cash in lieu thereof be returned to the Contractor.

City to Collect Interest.

The City shall from time to time collect all interest, dividends or other profits or income on any securities deposited by the Contractor, and shall, when and as collected, pay the same to the Contractor. If the securities are in the form of coupon bonds the coupons as they respectively become due shall be delivered to the Contractor. If the deposit be made in cash, interest shall be paid to the Contractor at the average rate of interest received by the City on its bank balances during such period. Provided, however, that the Contractor shall not be entitled to interest, dividends or other profits or income on any securities the proceeds of which shall be used or applied as hereinafter provided.

Security For.

Article XXIX. The said deposit whether in cash or securities, in the form and as the same shall at any time be, shall be security for the faithful performance by the Contractor of all the covenants, conditions and requirements specified and provided for in this contract. In case of any default on the part of the Contractor in such performance, and in the further case that the City shall for or by reason of such failure, whether by reason of employment of another contractor or contractors or otherwise, incur or become liable for expense through such default as hereinafter provided, then the Comptroller shall forthwith pay or apply to the use of the City the amount of such expense out of the said deposit in cash or securities or out of the portion of the deposit remaining at the time.

Sale of Securities.

Article XXX. The Comptroller shall, upon the requirement of the Commission, in order to make such payment or application to the use of the City, sell at public auction in The City of New York any of the securities which may then constitute part of such deposit upon notice to be published in three daily newspapers, the first publication to be not less than ten days before the sale and such publication to be made three times within such ten days. Any such sale shall be adjourned from time to time if requested by the Commission. The Comptroller shall, upon the requirement of the Commission, deduct from the proceeds of any such sale all expenses thereof and of such advertisement, and pay and apply to the use of the City so much of the residue of such proceeds as may be necessary for the purpose aforesaid. And the Contractor within ten days after notice from the Commission so to do shall (unless the time be extended by the Commission) by further deposit, according to the requirement of the Commission, of money or securities of the character aforesaid approved by the Commission restore the said deposit with the Comptroller to the full amount originally required; and in case the Contractor shall not within such ten (10) days or such further time, if any, as may be granted by the Commission make such further deposit of money or securities, he shall, if the Commission so elect, be deemed to be in default in the performance of his obligations under this contract; and in addition to any and all other remedies against the Contractor or his sureties the Commission may require the Comptroller or the Interborough Company or both the Comptroller and the Interborough Company to deduct from any moneys then due or which thereafter may become due to the Contractor under this contract such amount as may be necessary to restore the said deposit with the Comptroller to the full amount originally required; and the Interborough Company shall pay over any amount so deducted by it to the Comptroller; and the Comptroller shall hold the money so deducted (including any money so deducted and paid by the Interborough Company to him) as if part of the original deposit or as if deposited with him as aforesaid; and such amount shall in such case be deemed to be paid to the Contractor upon this contract. In addition to, or in lieu of, the sale above provided for, the Commission may, in the name of and in behalf of the City, bring any appropriate suit or proceeding in any proper court to enforce the lien and claim of the City in and upon the said deposit, whether such deposit be in money or securities.

Retention of Security.

Article XXXI. If at any time when the Contractor shall otherwise be entitled to a return of the said deposit, there shall be pending any claim for damages or loss caused to others by the negligence, fault, or default of the Contractor, for which it shall be claimed that the City shall be liable, then and in that case the said deposit, or such part thereof as the Commission shall prescribe, shall, upon the requirement of the Commission, be reserved by the Comptroller for a reasonable time as security to the City against such claims. And the amount of any such damages or costs paid by the City to others or for which the City shall be liable to others, shall be deducted from the said deposit before the same shall be returned to the Contractor as hereinafter provided.

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*Articles XXVIII to XXXII inclusive will form part of the contract only in case the Contractor elects to deposit cash or securities in lieu of a bond or to deposit corporate stock of The City of New York in lieu of retained percentages.

On Completion of Works.

Article XXXII. When the Contractor shall have fully completed the Works according to the terms of this contract and the Commission shall so certify, the Comptroller shall pay and deliver to the Contractor the said deposit, or so much thereof as shall not have been reserved or used or applied for any of the purposes above mentioned.

Retained Percentages.

Article XXXIII. In addition and as further security there shall be deducted fifteen per centum (15%) of the amounts certified from time to time to be due to the Contractor until the amount so deducted and retained shall equal ten (10) per centum of the sum of the amounts resulting from the product of the estimated approximate quantities and the Unit Prices as contained in the Schedule of Unit Prices in the Contractor's proposal. Thereafter there shall be so deducted and retained for such purpose ten per centum (10%) of the amounts certified from time to time to be due to the Contractor. The Contractor may from time to time withdraw portions of the amounts so to be retained upon depositing with the Comptroller corporate stock of The City of New York of a market value equal to the amount so withdrawn from the City or the Interborough Company, as the case may be, in which event the provisions of this chapter in respect of securities shall also apply to such corporate stock. The Interborough Company shall pay to the Contractor such portion of the amounts retained by it as are to be so withdrawn from it upon the certificate of the Comptroller that such corporate stock of a market value equal to such amount to be withdrawn from it has been so deposited with him.

Chapter V.

PAYMENTS TO CONTRACTOR.

Partial Payments.

Article XXXV. The Contractor agrees to look to the Interborough Company for the payment of the sums earned under this contract to an amount not exceeding two million fifteen thousand twenty-three and 39-100 dollars ($2,015,023.39), which the Interborough Company agrees to pay in the manner hereinafter provided, and to the City for all sums over and above such amount. The Interborough Company shall not be liable hereunder beyond said amount.

In order to assist the Contractor to prosecute the work advantageously, the Engineer shall from time to time as the work progresses, but not more often than once a month, make in writing an estimate in duplicate, such as in his opinion shall be just and fair, of the amount and value of the work done and materials incorporated in the work by the Contractor according to the terms of this contract (but it is understood that in making such estimates the Engineer shall not necessarily be governed by the unit prices contained in the Contractor's Proposal), provided, however, that estimates may at any time be withheld or reduced, if, in the opinion of the Engineer, the work is not proceeding in accordance with this contract. The first such estimate shall be of the amount and value of the work done and materials incorporated in the work since the Contractor commenced the performance of this contract on his part. Every subsequent estimate except the final estimate shall be of the amount and value of the work done and materials incorporated in the work since the last preceding estimate was made, provided, however, that no such estimate shall be required to be made when, in the judgment of the Engineer, the total value of the work done and materials incorporated in the work since the last preceding estimate amounts to less than ten thousand ($10,000) dollars. The Engineer shall further include accepted structural steel delivered on the site of the work, or on property owned or leased by the City, but not incorporated in the work, at an amount equal to sixty (60) per centum of the average price stipulated in the Schedule of Unit Prices for such steel. Such average price shall be obtained by dividing the sum of the prices stipulated in Schedule Items 19, 20 and 21 by three. But the quantity of such structural steel included in any partial estimate or estimates shall not exceed the quantity of such material, as determined by the Engineer, required for the ensuing six months, and any material included in a partial estimate which may subsequently become unsatisfactory shall be deducted from succeeding partial estimates. No materials not incorporated in the work, excepting such structural steel, shall be included in partial estimates.

Not by Strict Measurement.

Article XXXVI. Such estimates shall not be required to be made by strict measurement, but they may be made by measurement or by estimation, or partly by one method and partly by the other, and it shall be sufficient if they are approximate only.

Vouchers.

Article XXXVII. Upon each such estimate being made and certified in writing to the Commission, the Commission shall forthwith prepare and certify two vouchers aggregating eighty-five (85) or ninety (90) per centum of the amount stated in such estimate or certified to be the value of the work done and materials furnished as provided in Article XXXIII. One of such vouchers shall be payable by the City and the other of such vouchers shall be payable by the Interborough Company. The voucher payable by the City shall be for an amount equal to five per centum (5%) of such estimate less five per centum (5%) of the amount to be deducted from such estimate as retained percentages as provided in Article XXXIII. The voucher payable by the Interborough Company shall be for an amount equal to ninety-five per centum (95%) of such estimate less ninety-five per centum (95%) of the amount to be deducted from such estimate as retained percentages as provided in Article XXXIII. The Commission shall thereupon transmit the voucher payable by the Interborough Company accompanied by a duplicate original of such estimate to the Interborough Company for payment and the Interborough Company within thirty (30) days after the receipt of such voucher shall pay the same to the Contractor. The voucher payable by the City shall be paid within thirty (30) days after the date of the certification of such voucher by the Commission. Provided, however, that the City may and the Interborough Company shall upon the certificate of the Commission at all times reserve and retain from said partial payments or any of them, in addition to the ten (10) or fifteen (15) per centum mentioned in Article XXXIII, any sum or all sums which by the terms hereof, or of any law of the State of New York, passed prior to the date hereof, either the City or the Interborough Company, or both the City and the Interborough Company, may be authorized to reserve or retain.

Final Estimate.

Article XXXVIII. Whenever, in the opinion of the Engineer, the Contractor shall have completely performed this contract on his part and all work under this contract, the Engineer shall so certify, in writing and in duplicate, to the Commission, and in his certificate shall state, from actual measurements, the whole amount of work done by the Contractor, and also the value of such work under and according to the terms of this contract and also the balance of the amount remaining of the maximum amount specified in Article XXXV hereof for which the Interborough Company is liable hereunder after deducting all such sums as shall theretofore have been paid by the Interborough Company to the Contractor under the provisions of this contract (including interest, if any, paid under the provisions of Article XXXIX hereof) and any other sum or sums which the Engineer shall state in such certificate should be deducted. Upon the receipt of such certificate the Commission shall forthwith prepare and certify two final vouchers (or one, payable by the Interborough Company, in the event hereinafter specified) aggregating the amount remaining after deducting from the amount or value of the work done under and according to the terms of this contract as stated in such certificate all such sums as shall theretofore have been paid to the Contractor under any of the provisions of this contract (exclusive of interest, if any, paid under the provisions of Article XXXIX) and also any sum or all such sums of money as by the terms hereof either the City or the Interborough Company or both the City and the Interborough Company may be authorized to reserve or retain; provided, however, that nothing herein contained shall be construed to affect the right, hereby reserved, of the Commission to reject the whole or any portion of the aforesaid work should the said certificate be found or known to be inconsistent with the terms of this contract or otherwise improperly given. All prior certificates upon which partial payments may have been made, being merely estimates, shall be subject to correction in the final certificate, which final certificate may be made without notice thereof to the Contractor, or of the measurements upon which it is based. One of such final vouchers shall be payable by the City and the other shall be payable by the Interborough Company. The voucher payable by the Interborough Company shall be for the balance remaining of such maximum amount specified in Article XXXV hereof for which the Interborough Company is liable hereunder or so much thereof as may have been certified by the Engineer; provided, however, that if such balance or so much thereof as may have been certified by the Engineer shall equal or exceed the amount aforesaid remaining from the amount or value of the work done under and according to the terms of this contract as stated in such certificate after making the deductions aforesaid, then the voucher payable by the Interborough Company shall be for such remaining amount, and no voucher shall in that case be prepared or certified for payment by the City. The Commission shall transmit such voucher payable by the Interborough Company accompanied by the duplicate original of such final certificate to the Interborough Company, and the Interborough Company on or before the expiration of ninety (90) days after the receipt of such voucher and certificate shall pay the amount due on such voucher. The voucher payable by the City shall be for the difference between the amount aforesaid remaining from the amount or value of the work done under and according to the terms of this contract as stated in such certificate after making the deductions aforesaid and the amount of the voucher payable by the Interborough Company. The City shall pay the amount due on such voucher payable by it on or before the expiration of ninety (90) days after the acceptance of the work herein agreed to be done by the Contractor and the filing of a certificate of the completion and acceptance of the work in the office of the Comptroller signed by the Engineer and the Commission.

Article XXXIX. If the payment of the amount due the Contractor on any voucher shall be delayed beyond the time stipulated in Article XXXVII in the case of partial payment, or Article XXXVIII in the case of final payment, the City shall pay if the delay shall occur in the case of a voucher payable by the City and the Interborough Company shall pay if the delay shall occur in the case of a voucher payable by the Interborough Company to the Contractor interest on such amount at the rate of four and one-half (4½) per centum per annum for the period of such delay; it being understood that such payments of interest, if any, are to be in lieu of any claim of the Contractor for alleged damages for breach of contract or otherwise in case of delayed payments. Provided, however, that the Contractor shall not be entitled to interest on any sum or sums which by the terms hereof or of any law of the State of New York either the City or the Interborough Company or both the City and the Interborough Company may be authorized to reserve or retain. The term for which interest shall be paid shall be reckoned, in the case of a partial payment by the City from the thirtieth day after the certification of such voucher by the Commission, and in the case of a partial payment by the Interborough Company from the thirtieth day after the receipt of such voucher by the Interborough Company, and in the case of a final payment by the City from the ninetieth day after the acceptance of the work by the Commission and the filing of such certificate of the completion and acceptance of the work in the office of the Comptroller and in the case of a final payment by the Interborough Company from the ninetieth day after the date of the receipt of such voucher and the proper certificate by the Interborough Company, to the date of payment of the voucher. The date of payment of a voucher shall be considered the day on which the voucher is ready for payment as evidenced by the records of the Department of Finance or of the Interborough Company, as the case may be. If interest shall become due on any partial payment the amount thereof, as determined by the Commission, shall be added to a succeeding payment. If interest shall become due on a final payment it shall be paid on a supplementary voucher prepared by the Commission and forwarded to the Comptroller or the Interborough Company, as the case may be, for payment in the usual manner. But the provisions of this article as to payment by the Interborough Company of interest on any final payment due from the Interborough Company shall be subject, as between the City and the Interborough Company, to the provisions of Article XII of said contract dated March 19, 1913, to the effect that if, after the contribution of the Interborough Company shall have been exhausted, there shall accrue any valid claim against the Interborough Company in connection therewith, whether by reason of outstanding contracts or otherwise, the City shall on demand of the Interborough Company promptly settle and pay such claim or claims.

Provided, however, that the Interborough Rapid Transit Company shall not be entitled to charge to cost of construction or cost of equipment under the said contract of March 19, 1913, interest on any payment the delay in the payment of which has been occasioned otherwise than in good faith or for causes beyond the control of the Interborough Rapid Transit Company.

No Estoppel.

Article XL. The City shall not, nor shall any Department or officer thereof, be precluded or estopped by any return or certificate made or given by the Commission, any Engineer, or other officer, agent or appointee thereof under any provision of this contract, from at any time either before or after the final completion and acceptance of the work and payment therefor pursuant to any such return or certificate, showing the true and correct classification, amount, quality and character of the work done and materials furnished by the Contractor or any other person under this agreement, or from showing at any time that any such return or certificate is untrue and incorrect or improperly made in any particular, or that the work and materials, or any part thereof, do not in fact conform to the specifications; and the City shall not be precluded or estopped, notwithstanding any such return or certificate and payment in accordance therewith, from demanding and recovering from the Contractor such damages as it may sustain by reason of his failure to comply with this contract or the specifications.

No Waiver.

Article XLI. Neither the acceptance of the Commission or its Engineer, or any of its employees, nor any order, measurement or certificate by the Engineer, nor any order by the Commission for payment of money, nor any payment for, nor acceptance of the whole or any part of the work by the Engineer or the Commission, nor any extension of time, nor any possession taken by the Commission, or its employees, shall operate as a waiver of any portion of this contract or of any power herein reserved to the Commission, or any right to damages herein provided; nor shall any waiver of any breach of this contract be held to be a waiver of any other or subsequent breach.

Final Payment to Terminate Liability of City.

Article XLII. The acceptance by the Contractor of the last payment by the City aforesaid shall be and shall operate as a release to the City, from all claim and liability to the Contractor for anything done or furnished for, or relating to, the work, or for any act or neglect of the Commission, the City, the Interborough Company or of any person relating to or affecting the work, except only the claim against the City for the remainder, if any there be, of the amounts kept or retained by the City as provided in this contract. The acceptance by the Contractor of payments by the Interborough Company, whether partial or final, aggregating the maximum amount specified in Article XXXV hereof shall be and shall operate as a release to the Interborough Company from all claim and liability to the Contractor hereunder.

Contractor's Claims for Damage—Statements of Damage to Be Filed with the Engineer.

Article XLIII. If the Contractor shall claim compensation for any damage sustained by reason of the acts of the Commission, or its agents, he shall, within ten days after the sustaining of such damage, make a written statement to the Engineer of the nature of the damage sustained. On or before the fifteenth day of the month succeeding that in which any such damage shall have been sustained, the Contractor shall file with the Engineer an itemized statement of the details and amount of such damage, and, unless such statement shall be made as thus required, his claim for compensation may be forfeited and invalidated, and he shall not be entitled to payment on account of any such damage.

Lien Law.

Article XLIV. All the provisions of the Lien Law relating to liens under contracts for public improvements and the discharge and enforcement thereof shall be deemed to apply to the moneys of the Interborough Company to the extent of the amount thereof due or to become due to the Contractor under this contract as though such moneys were the moneys of the City applicable to this contract, provided, however, that the notice of such lien and all subsquent notices relating thereto shall be served upon the Interborough Company as well as upon the Comptroller and the Commission.

If at any time before or within thirty (30) days after the whole work agreed herein to be performed has been completed and accepted by the City, any person or persons claiming to have performed any labor or furnished any material toward the performance or completion of this contract shall file with the Commission and with the Comptroller (and with the Interborough Company in case a lien is sought upon the moneys of the Interborough Company as aforesaid) any such notice as is described in the Lien Law, the City or the Interborough Company or both the City and the Interborough Company may retain from any moneys which would otherwise be payable to the Contractor hereunder by the City or the Interborough Company an amount or amounts sufficient to satisfy and discharge the amount in such notice claimed to be due, together with the costs of any action or actions brought to enforce such lien created by the filing of such notice, until such lien shall be discharged as provided by law. If such lien shall be foreclosed according to law, then the City or the Interborough Company or both the City and the Interborough Company

may pay the amount necessary to satisfy such lien, with interest and costs, to the person entitled thereto, and such payment shall be deemed to be a payment hereunder to the Contractor by the City or the Interborough Company or both the City and the Interborough Company, as the case may be. If the amount or amounts so retained shall not be sufficient to satisfy such lien so foreclosed with interest and costs, the deficiency may be retained by the City or the Interborough Company or both by the City and the Interborough Company out of any moneys thereafter becoming due to the Contractor hereunder.

Chapter VI.

CONTRACTOR'S LIABILITY FOR INJURIES TO PERSONS OR PROPERTY.

Contractor Approves Plans as Involving no Damage.

Article XLV. The Contractor expressly admits and covenants to and with the City that the plans and specifications and other provisions of this contract, if the work be done without fault or negligence on the part of the Contractor, do not involve any danger to the foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces; and the Contractor will at his own expense make good any damage that shall, in the course of construction, be done to any such foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces. The liability of the Contractor under this covenant is absolute and is not dependent upon any question of negligence on his part, or on the part of his agents, servants or employees, and the neglect of the Engineer to direct the Contractor to take any particular precautions or to refrain from doing any particular thing, shall not excuse the Contractor in case of any such damage.

It is the intention of the parties to this contract that in addition to indemnifying the City against all claims for damages, the Contractor shall also be liable to the owners of adjacent, abutting or overhead property, buildings or structures, and to all tenants or occupants of such buildings or structures for all physical injuries to property or person which may be occasioned by the work of construction, even in cases where such owners, tenants or occupants have no legal claim against the City for such injuries.

Traffic to be Maintained.

Article XLVI. The Contractor shall during the performance of the work safely maintain the traffic on streets, avenues, highways, or other public places as provided in the specifications, and shall take all necessary precautions to place proper guards for the prevention of accidents, and put up and keep at night suitable and sufficient lights.

Indemnification for Accidents, Etc.

Article XLVII. The Contractor shall be solely responsible for all physical injuries to persons or property occurring on account of and during the performance of the work hereunder, and shall indemnify and save harmless the City from liability upon any and all claims for damages on account of such injuries to persons or property, and from all costs and expenses in suits which may be brought against the City for such injuries to person or property; it being distinctly understood, stipulated and agreed that the Contractor shall be solely responsible and liable for and shall fully protect and indemnify the City against all claims for damages to persons or property occasioned by or resulting from blasting or other methods or processes in the work of construction, whether such damages be attributable to negligence of the Contractor or his employees or otherwise.

Money Due the Contractor May be Retained to Meet Claims.

Article XLVIII. In case any claim shall be made by any person or corporation against the Contractor or the City for loss or damage to person or property as aforesaid, the amount of such claim or so much thereof as the Commission shall deem reasonable, shall, upon the requirement and in the discretion of the Commission, be retained by the Comptroller or by the Interborough Company or both out of any moneys then due or thereafter growing due to the Contractor hereunder (in addition to the other sums hereinbefore authorized to be so retained) as security for the payment of such claim or claims. If and when the liability of the City or the Contractor on such claim or claims shall have been established by a judgment of a Court of competent jurisdiction, or shall have been admitted by the Contractor to be valid, the said claim or claims shall be paid from the amount so retained and the balance, if any, paid to the Contractor. Should there be any unsatisfied claims for injuries to persons or property at the time when the final estimate for the work is made and returned, the Engineer shall have the right to retain out of said final estimate a sum in his judgment sufficient to protect the City in regard to all unsatisfied claims as aforesaid and in case the amount thus retained should be insufficient to pay the amount adjudicated to be due upon such claim the City may sue for and recover from the Contractor the amount or balance as a debt from the Contractor to the City. The Engineer may further, if in his judgment such a course is necessary, at the time of making the final estimate, and as a condition to making the same, require the Contractor to continue his bond or other security or any part thereof as security against any claims then unsatisfied or not presented for a time not exceeding the time when such claims would be legally barred.

Examinations of Abutting Property.

Article XLIX. In order to safeguard the owners or tenants of adjacent or abutting property and at the same time prevent unjust or fraudulent claims against the Contractor or the City in respect thereto, the Engineer shall cause a detailed examination of all adjacent or abutting property to be made before construction is begun. The owner or tenant of each parcel or his or their duly authorized representative shall be invited by a notice to be present, in writing delivered to a person apparently in charge of the premises, and the Contractor, or his duly authorized representative, shall attend and with the Engineer shall make such detailed examination. A complete record of the existing conditions of each parcel shall be made in triplicate, signed by the Engineer and the Contractor, and one copy shall be delivered to the owner, one to the Contractor and one shall be retained by the Commission. At such times as the Engineer may direct, and upon the completion of the work, or upon notice to the Engineer by the owner or tenant that physical injury has occurred, further examination shall be made and the findings recorded and filed as above.

Damage to Works During Construction.

Article L. All risk of loss or damage to the Works, or to any part thereof, or to any of the materials, plant, tools, appliances or other things used in doing the work, prior to final completion, is assumed and shall be borne by the Contractor, and any such loss or damage shall be made good by the Contractor at his own cost, and the construction shall be carried forward by him in accordance with this contract, without additional cost to the City or the Interborough Company by reason of such loss or damage.

Chapter VII.

CITY TO SECURE CONTRACTOR AGAINST INTERFERENCE BY INJUNCTIONS, ETC.

City's Assurances to Contractor of Right to Construct.

Article LI. The City hereby stipulates and covenants to and with the Contractor that the City will secure and assure to the Contractor so long as the Contractor shall perform the stipulations of this contract, the right to construct the Railroad as prescribed in this contract free of all right, claim or other interference, whether by injunction, suit for damages or otherwise, on the part of any owners, abutting owner, or other person; but not including any interference, legal or otherwise, by patentees or persons claiming to be patentees of tools, methods or appliances.

Claims for Infringement of Patents.

Article LII. The Contractor shall hold himself and shall be responsible for any claims made against the City for any infringement of patents by the use of patented articles in the performance and completion of the work, or of any process connected with the work or of any materials used upon the said work; and shall save harmless and indemnify the City for all costs, xpenses and damages which the City shall be obliged to pay by reason of any infringement.

Chapter VIII.

TIME FOR COMPLETION, DAMAGES FOR DELAY, ETC.

Commencement and Completion of Work.

Article LIV. Time is of the essence of this contract. The Contractor shall being actual work within sixty (60) days after the date of delivery of this contract. The entire work covered by this contract shall be completed in all respects within thirty-three (3) months from the date of delivery of this contract.

Price to be Reduced for Delay.

Article LV. In the event of delay in completion of the Works beyond the period herein prescribed, or beyond the period to which such time may be extended by resolution of the Commission for good cause shown, the City shall—whether the working force be increased as provided in the specifications or not—be paid damages for such delay. Inasmuch as the amount of such damages will be extremely difficult to ascertain, especially in view of the fact that the Railroad herein contracted for is only a part of a complete system, the remainder of which is to be constructed under other contracts, it is hereby expressly agreed that damages shall be liquidated and paid as follows: The Contractor shall pay to the City for each and every day, except Sundays and legal holidays, that he shall be in default in completing the entire work to be done under this contract, the sum of three hundred dollars ($300), which sum is hereby agreed upon not as a penalty but as liquidated damages which the City will suffer by reason of such default. The City shall have the right to deduct or may require the Interborough Company to deduct such amounts from any moneys due or to become due to the Contractor under this contract. But in case the Contractor shall be delayed by reason of any labor strike not caused or instituted or provoked by the Contractor, or by any subcontractor, agent or representative of the Contractor (which fact the Contractor shall prove to the satisfaction of the Commission), or in case the Contractor shall be delayed by any injunction or by any interference of public authority, and in case the Contractor cannot, notwithstanding such strike, injunction or interference, with reasonable diligence make up for the delay so occasioned by speedier work when the Contractor shall not be so interfered with, then the said date for completion shall be extended by resolution of the Commission to a date later than the expiration of the said period by the amount of the time of such delay.

Commission May Intervene in Case of Injunction.

Article LVI. But no injunction, strike or interference of public authority shall be ground for such extension except if and from the time when the Contractor shall give the Commission notice of the injunction or other cause of delay, with copies of the injunction or other orders and of the papers upon which the same shall have been granted. The Commission and the City or either shall be accorded the right to intervene or become a party to any suit or proceeding in which any such injunction shall be obtained, and to move to dissolve the same or otherwise, as the Commission or City may deem proper. If necessary the Corporation Counsel or the Counsel to the Commission or both shall be authorized by the Contractor to appear, for that purpose, as counsel or attorneys for him.

In Case of Variation of Quantities.

Article LVII. The time stipulated within which to complete the Works is based upon the quantities of the various items entering into the work as stated in the form of proposal, which are given solely for the purpose of classifying bids. In case these quantities are exceeded or diminished then an extension or diminution of the term of this contract shall be made. It is, however, understood and agreed that in case an increase in any one item is balanced or offset by diminution of other items, no change in the term shall be made, and in any event the Engineer shall determine the amount of extension or diminution of time in respect of the relative increase or reduction in the quantities involved in the final completion.

Suspension of Work and Additional Time for Performance.

Article LVIII. The Commission reserves the right of temporarily suspending the execution of the whole or any part of the work herein contracted to be done, if it shall deem it for the interest of the City so to do, without compensation to the Contractor for such suspension, other than extending the time for completing the work as much as it may have been delayed by such suspension.

Extensions Not Cumulative.

Article LX. It is expressly understood, however, that the periods of extension referred to herein shall not be cumulative, but only the single period of delay giving the greatest extension shall be taken into consideration.

Permission to Complete Contract Not a Waiver.

Article LXI. The permitting of the Contractor to go on and finish the work, or any part of it, after the time fixed for its completion, or after the date to which the time for completion may have been extended, or the making of partial payments to the Contractor after any such periods, shall in no wise operate as a waiver on the part of the City or the Interborough Company of any of its rights under this contract.

Chapter IX.

REMEDIES IN CASE OF CONTRACTOR'S DEFAULT.

In Case of Default.

ARTICLE LXII. If the work to be done under this contract shall be abandoned by the Contractor, or if this contract shall be assigned, or the work sublet by him, otherwise than as herein specified, or if at any time the Engineer shall be of the opinion, and shall so certify in writing to the Commission that the performance of this contract is unnecessarily or unreasonably delayed, or that the Contractor is wilfully violating any of the provisions or covenants of this contract, or of the specifications, or is executing the same in bad faith or not in accordance with the terms thereof, or if the work be not fully completed within the time named in this contract for its completion, or within the time to which the completion of the contract may be extended by the Commission, the Commission

May Take Charge of Work.

(1) Notify the Contractor, by a written notice, to discontinue all work, or any part thereof, under this contract, and thereupon the Contractor shall discontinue the work, or such part thereof, and the Commission shall thereupon have the right to contract for the completion of the Works in the manner prescribed by law, or to place such and so many persons as it may deem advisable, by contract or otherwise, to work, and complete the work herein described, or such part thereof, to take possession of and use any or all of the materials, plant, tools, equipment, supplies and property of every kind provided by the Contractor for the purpose of his work, and to procure other materials for the completion of the same, and to charge the expense of said labor and materials to the Contractor. The expense so charged shall be deducted and paid by the City out of such moneys as may be due or may at any time thereafter grow due to the Contractor under and by virtue of this contract, or any part thereof; and the Interborough Company shall, upon the requirement of the Commission, deduct and pay to the City out of such moneys as may be due or may at any time thereafter grow due to the Contractor from it under and by virtue of this contract, the amount of such expense or such portion thereof as the Commission shall require, to be applied by the City to the payment of such expense, and such moneys so deducted and paid to the City shall be deemed to have been paid to the Contractor by the Interborough Company upon this contract. And in case such expense shall exceed the amount which would have been payable under the contract if the same had been completed by the Contractor, he shall pay the amount of such excess to the City; and in case such expense shall be less than the amount which would have been payable under this contract if the same had been completed by the Contractor, he shall forfeit all claim to the difference; and when any particular part of the work is being carried on by the Commission, by contract or otherwise, under the provisions of this article of the contract, the Contractor shall continue the remainder of the work in conformity with the terms of this contract, and in such manner as in nowise to hinder or interfere with the persons or workmen employed, as above provided, by the Commission, by contract or otherwise, to do any part of the work or to complete the same under the provisions of this article of the contract. And

Or Proceed Upon Bond.

(2) The City may also proceed as to the Commission shall seem proper upon the bond or other security in its possession. And

Or May Bring Suit.

(3) The City may also bring any suit or proceeding for specific performance or for injunction or to recover damages or to obtain any relief or for any purpose proper under this contract.

Chapter X.

MISCELLANEOUS PROVISIONS.

Changes in the Contract.

ARTICLE LXIII. No correction or change in this contract shall be made except by written instrument duly authorized by the Commission and consented to by the Contractor and by the sureties upon his bond, and if any such correction or change affects the obligations of the Interborough Company hereunder, by the Interborough Company; but this provision shall not limit or affect the right to prescribe variations whether of construction or location of route as in this contract elsewhere provided.

Members of the Commission or of Interborough Company Not Liable.

ARTICLE LXIV. No claim shall be made by the Contractor against any member of the Commission or any officer or director of the Interborough Company personally under or by reason of this contract or of any of its articles or provisions.

Contractor Not to Assign, Sublet, etc.

ARTICLE LXV. The Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this contract or his right, title or interest in or to the same or any part thereof without the previous consent in writing of the Commission, and he shall not assign by power of attorney or otherwise any of the moneys to become due and payable under this contract unless by and with the like consent. If the Contractor shall without such previous written consent assign, transfer, convey, sublet or other-

wise dispose of this contract or of his right, title or interest therein or any of the moneys to become due under this contract, to any other person, company or corporation, this contract may at the option of the Commission be revoked and annulled and the City and the Interborough Company shall thereupon be relieved and discharged from any and all liability and obligations growing out of the same to the Contractor and to his assignee or transferee; and no right under this contract or to any money to become due hereunder shall be asserted against the City or the Interborough Company in law or in equity by reason of any so-called assignment of this contract or any part thereof or of any moneys to grow due hereunder unless authorized as aforesaid by the written consent of the Commission; provided that nothing herein contained shall be construed to hinder, prevent or affect an assignment by the Contractor for the benefit of his creditors made pursuant to the statutes of the State of New York.

Provisions in Case Commission Ceases.

ARTICLE LXVI. In case the Commission shall cease to exist the Legislature may provide what public officer or officers shall exercise the powers and duties of the Commission under and by virtue of this contract; and in default of such provision, such powers and duties shall be deemed to be vested in the Mayor of the City. In case any officer or officers other than the Commission shall hereafter have the powers of the Commission or any of them, then the provisions of this contract shall be applicable to such officer or officers to the extent to which the powers of the Commission shall appertain to such officer or officers, and any official act or determination of such officer or officers or of this Commission shall be sufficient hereunder, anything herein to the contrary notwithstanding, if the same be done or had by lawful vote or resolution or in such manner as the Legislature may from time to time prescribe.

Labor Law.

ARTICLE LXVII. The Contractor agrees to comply with the provisions of the Labor Law, including section 3 thereof as re-enacted by chapter 36 of the Laws of 1909. The Contractor further agrees and stipulates that no laborer, workman or mechanic in the employ of the Contractor, sub-contractor or other person doing or contracting to do the whole or a part of the work contemplated by this contract, shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; and further that the wages to be paid for a legal day's work as hereinbefore defined to all classes of such laborers, workmen or mechanics upon the work contemplated by this contract or upon any material to be used upon or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the Borough of the City, where the work hereby contemplated, about or in connection with which such labor is performed, is in its final or completed form to be situated, erected or used; and that each such laborer, workman or mechanic employed by the Contractor or by any sub-contractor or other person on, about or upon the work contemplated by this contract, shall receive such wages herein provided for. This contract shall be void and of no effect, unless the Contractor shall comply with the provisions of this section. In obedience to the requirements of section 14 of the Labor Law it is further provided that if the provisions of the said section 14 are not complied with, this contract shall be void.

All Necessary Legal Provisions Deemed Inserted Herein.

ARTICLE LXVIII. It is the intent and understanding of the parties to this agreement that each and every provision of law required to be inserted in this contract should be and is inserted herein. Furthermore, it is hereby stipulated that every such provision is to be deemed to be inserted herein; and if, through mistake or otherwise, any such provision is not inserted or is not inserted in correct form, then the contract shall forthwith, upon the application of either party, be amended by such insertion so as to comply strictly with the law, and without prejudice to the rights of either party hereunder.

Provision in Case of Unlawful Provision.

ARTICLE LXIX. If this contract contains any unlawful provision not an essential part of the general structure of the contract and which shall not appear to have been a controlling or very material inducement to the making thereof the same shall be deemed of no effect, and shall upon the application of either party, be struck from the contract without affecting the binding force of the contract as it shall remain after omitting such provision.

Interborough Company.

Article LXX. The Interborough Company is a party to this contract solely for the purpose of paying out its contribution toward the cost of construction of the Railroad as provided in the said contract dated March 19, 1913, and the fact that it is a party to this contract with the City and the Contractor shall not deprive it of any rights, claims or remedies which as owner or lessee of any elevated railroad or abutting property or otherwise, it might otherwise possess or assert against the City or the Contractor.

Testimonium.

In Witness Whereof, this contract has been executed for THE CITY OF NEW YORK by the PUBLIC SERVICE COMMISSION for the First District under and by resolution duly adopted by the Commission and the seal of the Commission has been hereto affixed and attested by its Secretary and these presents have been signed by its Chairman; and the 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 the Contractor has * [hereunto set hand and seal] [caused corporate seal to be hereto affixed and these presents to be executed by proper officers] the day and year first above written.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,

By ....., Chairman.

Attest: ....., Secretary.

INTERBOROUGH RAPID TRANSIT COMPANY,

By ....., President.

Attest: ....., Secretary.

*If the contractor is an individual, use the words enclosed in the first bracket; if a corporation, use the words enclosed in the second bracket.

Acknowledgment for Commission.

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

On the day of , 1914, before me personally appeared Edward E. McCall and Travis H. Whitney, to me known and known to me to be the said Edward E. McCall, the chairman, and the said Travis H. Whitney, the secretary of the Public Service Commission for the First District; and the said Edward E. McCall and Travis H. Whitney being by me duly sworn, did depose and say, each for himself and not the one for the other, the said Edward E. McCall, that he resides in the Borough of Manhattan, in the City, County and State of New York, that he is the chairman of the said Commission and that he subscribed his name to the foregoing contract by virtue of the authority thereof; and the said Travis H. Whitney, that he resides in the Borough of Brooklyn, in the County of Kings, City and State of New York, that he is the secretary of the said Commission and that he subscribed his name thereto by like authority; and both the said Edward E. McCall and Travis H. Whitney that they know the seal of the said Commission and that the same was affixed to the foregoing instrument by the authority of the said Commission and of a resolution duly adopted by the same.

Acknowledgment for Interborough.

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

On the day of , 1914, before me personally appeared Theodore P. Shonts and H. M. Fisher, to me known and known to me to be the said Theodore P. Shonts, the President, and the said H. M. Fisher, the Secretary, of Interborough Rapid Transit Company, the corporation named in the foregoing contract, and they being by me duly sworn, did depose and say, each for himself and not one for the other, the said Theodore P. Shonts, that he resides in the Borough of Manhattan, in the City, County and State of New York, that he is the President of the said Interborough Rapid Transit Company, and that he subscribed his name to the foregoing contract by virtue of the authority thereof; and the said H. M. Fisher, that he resides in Plainfield, in the State of New Jersey, that he is the Secretary of the said Interborough Rapid Transit Company, and that he subscribed his name thereto by like authority; and both the said Theodore P. Shonts and H. M. Fisher that they know the seal of the said Interborough Rapid Transit Company, and that the same was affixed to the foregoing contract by the authority of the Board of Directors of Interborough Rapid Transit Company and of a resolution duly adopted by the same.

Acknowledgments for Contractor.

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

On this day of , 1914, before me personally came to me known and known to me to be the individual described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

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

On this day of , 1914, 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 of , the corporation described in and which executed the foregoing instrument; that he knows the corporate seal of said company; that one of the seals affixed to said contract is such corporate seal, and that it was affixed thereto by order of the Board of Directors of said company, and that he signed his name thereto by like authority.

(Form of Contractor's Bond; form of Contractor's Proposal; Affidavit of Verification and Index follow here.)

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Contract Supervision, May 12, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On April 21, 1914, the Public Service Commission for the First District, transmitted for consent of the Board, a proposed contract to be entered into between The City of New York, the Interborough Rapid Transit Company and the Rapid Transit Subway Construction Company for the construction of Section 1 of Routes 4 and 38, being that portion of the proposed Seventh Avenue-Lexington Avenue Rapid Transit Railroad, extending from about 70 feet south of Vesey street, in the Borough of Manhattan, southerly along and under Greenwich street to a point under Battery Park, where the tunnel subdivides into two single track spurs, extending to just north of the present subway, at an estimated cost to the City of $106,053.86.

The Commissioner also requested the Board in consenting to the award of the contract submitted, to prescribe a limit of $106,053.86 to the amount of bonds available to meet the City's obligations thereunder, and to direct the Comptroller to issue bonds to the necessary amount, the same to be charged against the appropriation of $28,200,000 made by the Board on March 18, 1913, for the purpose of carrying out the terms of Contract No. 3.

This contract has been awarded to the low bidder among six competitors, at an estimated cost of $2,121,077.25, but the contract provides that the Interborough Rapid Transit Company shall pay the contractor's estimates to an amount equaling 95 per cent. thereof, or not to exceed an estimated sum of $2,015,023.39, as the lessee's further contribution toward the construction costs of $58,000,000, provided for in Contract No. 3.

I recommend the adoption of the attached resolution consenting to the award of the contract, limiting the amount of bonds available and authorizing and directing the Comptroller to issue the necessary corporate stock.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 37 of the Rapid Transit Act, being chapter 4 of the Laws of 1891, as amended, and the provisions of section 45 of the Greater New York Charter, and the requisition of the Public Service Commission for the First District, duly made by said Commission on April 21, 1914, the Board of Estimate and Apportionment hereby consents to the proposed contract to be entered into between The City of New York, acting by the Public Service Commission for the First District, the Interborough Rapid Transit Company and the Rapid Transit Subway Construction Company, for the following purposes:

For the construction in the Borough of Manhattan of Section No. 1, of Routes 4 and 38, being that portion of the proposed Seventh Avenue-Lexington Avenue Rapid Transit Railroad beginning under Battery Park, the westerly track about four hundred and seventy-five (475) feet south of the northerly building line of Battery place and about one hundred and thirty (130) feet east of the easterly building line of Greenwich street produced; the easterly track at a point about three hundred and five (305) feet south of the northerly building line of Battery place and about ninety-five (95) feet east of the easterly building line of Greenwich street produced; both tracks extending thence northerly under Battery Park and Greenwich street, to a point about seventy (70) feet south of the southerly building line of Vesey street, at an estimated cost to the City of one hundred and six thousand and fifty-three dollars and eighty-six cents ($106,053.86), being five (5) per cent. of the total estimated contract cost of two million one hundred and twenty-one thousand and seventy-seven dollars and twenty-five cents ($2,121,077.25); and be it further

Resolved, That the Board of Estimate and Apportionment prescribes that the limit to the amount of proceeds of corporate stock available for the said purposes shall be one hundred and six thousand fifty-three dollars and eighty-six cents ($106,053.86); and be it further

Resolved, That the Comptroller be and he is hereby authorized and directed to issue corporate stock of The City of New York to the amount of one hundred and six thousand, fifty-three dollars and eighty-six cents ($106,053.86), at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds to the amount of the par value thereof to be applied to the purposes mentioned in the communication of the Public Service Commission for the First District to this Board dated April 21, 1914, said issue of corporate stock to be charged against the appropriation made by this Board on March 18, 1913, of twenty-eight million two hundred thousand dollars ($28,200,000) for the purpose of carrying out the contract dated March 19, 1913, known as Contract No. 3.

Which was adopted by the followoing vote:

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

Department of Parks, Boroughs of Manhattan and Richmond—Issue of Special Revenue Bonds (Cal. No. 159).

(On May 8, 1914 (Cal. No. 63), the resolution of the Board of Aldermen in this matter was referred to the Comptroller.)

(On May 22, 1914 (Cal. No. 19), the report of the Comptroller thereon was laid over one week under rule 19.)

The Secretary presented a resolution of the Board of Aldermen adopted April 21, 1914, requesting an issue of special revenue bonds in the sum of $2,500, the proceeds to be used by the Commissioner of Parks, Manhattan and Richmond for the purchase of an automobile and the following report of the Comptroller recommending approval thereof:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, May 19, 1914.

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

Gentlemen—On April 21, 1914, the Board of Aldermen adopted the following resolution:

"Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of two thousand five hundred dollars ($2,500), the proceeds whereof to be used by the Park Commissioner for Manhattan and Richmond for the purpose of purchasing an automobile. All obligations contracted for hereunder to be incurred on or before December 31, 1914."

The foregoing resolution was referred to the Comptroller on May 8, 1914, by the Board of Estimate and Apportionment. In connection therewith it is reported as follows:

It is intended to utilize the proceeds from the special revenue bonds to purchase a new automobile to replace one which was used by the former Commissioner of Parks. Examination of the old automobile shows that it would be less expensive to replace it with a new one than to repair the old machine. The Chairman of the Finance Committee of the Board of Aldermen states that the Commissioner of Parks, Manhattan and Richmond, anticipated that there would be sufficient funds available to meet this expenditure by means of transfer of funds within the 1914 Budget appropriations, but at a hearing before the Finance Committee the Commissioner of Parks proved to the satisfaction of the said Committee that no funds were available for this purpose.

The Commissioner of Parks states that the appropriations for the various activities of the Department of Parks, Manhattan and Richmond, for the current year, are not sufficient to provide for such additional expenditure as the one embodied in this request, so that the only alternative appears to issue $2,500 in special revenue bonds to meet this contingency. An automobile is necessary to the Commissioner of Parks

for the efficient performance of his duties. Adoption of the attached resolution granting the request is recommended accordingly.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on April 21, 1914, requesting an issue of special revenue bonds to the extent of twenty-five hundred dollars ($2,500), the proceeds thereof to be used by the Commissioner of Parks, Manhattan and Richmond, for the purpose of purchasing an automobile, be and the same is hereby approved 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 twenty-five hundred dollars ($2,500), redeemable from the tax levy of the year succeeding the year of their issue, provided that all obligations contracted for hereunder be incurred on or before December 31, 1914.

Which was adopted by the following vote:

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

President, Borough of Richmond—Issue of Special Revenue Bonds (Cal. No. 160).

(On May 8, 1914 (Cal. No. 63), the resolution of the Board of Aldermen in this matter was referred to the Comptroller.)

(On May 22, 1914 (Cal. No. 20), the report of the Comptroller thereon was laid over one week under rule 19.)

The Secretary presented a resolution of the Board of Aldermen, adopted April 21, 1914, requesting an issue of special revenue bonds in the sum of $1,000, the proceeds to be used by the President of the Borough of Richmond for repairs to a retaining wall on Castleton avenue, etc.; and the following report of the Comptroller recommending approval thereof:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 18, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On April 21, 1914, the Board of Aldermen adopted the following resolution:

"Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of one thousand dollars ($1,000), the proceeds whereof to be used by the President of the Borough of Richmond for the purpose of making necessary repairs to a retaining wall on the north side of Castleton avenue, near Kissel avenue, at the brook which crosses Castleton avenue at this point.

"All obligations contracted hereunder to be incurred on or before December 31, 1914."

The foregoing resolution was referred to the Comptroller on May 8, 1914, by the Board of Estimate and Apportionment. In connection therewith it is reported as follows:

On October 1, 1913, an unusually heavy rainfall occurred, and serious damage was caused to the retaining wall, sidewalk and gutter on the north side of Castleton avenue, near Kissel avenue, at the brook which crosses Castleton avenue at this point. This brook overflowed its banks at the divisional wall at the westerly line of the Snug Harbor property, and followed the wall to Castleton avenue. The sidewalk was torn away at this point, where the water crossed the road, and caused serious damage to the sidewalk and gutter on the north side of Castleton avenue, for about 100 feet. Part of the retaining wall and a portion of the culvert under the street inside the property line of St. Vincent's Hospital was also destroyed by the strong current of water.

In connection with the damage done to property on account of the said storm the question now arises as to whether the City is liable for the cost of repairing the property described, or the adjacent property owners.

The matter was referred to the Corporation Counsel, who gave an opinion, dated March 30, 1914, addressed to the President of the Borough of Richmond, which read in part as follows:

"So long as the condition above indicated is allowed to continue there will, of course, be the probability of injuries to persons and also of further injury to property, for all of which the city may have to respond in damages. In order to obviate these untoward consequences, and irrespective of the question as to where rests the legal liability for the original damage, it is my opinion that the city should immediately restore the retaining wall, sidewalk and gutter to their former safe condition."

An examination of the repair work necessary to restore the damaged property after taking into account the possibility of using certain good material as remains in the wall and sidewalk, referred to, places a conservative estimate of the cost of such restoration at $1,000.

In view of the facts disclosed it is recommended that the resolution adopted by the Board of Aldermen under date of April 21, 1914, be concurred in and a resolution in accordance therewith is submitted for adoption.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on April 21, 1914, requesting an issue of special revenue bonds in the sum of one thousand dollars ($1,000), the proceeds whereof to be used by the President of the Borough of Richmond for the purpose of making repairs to a retaining wall, culvert, gutter and sidewalk on the north side of Castleton avenue, near Kissel avenue, in the Borough of Richmond, 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 he 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 dollars ($1,000), redeemable from the tax levy of the year succeeding the year of their issue, provided that all obligations contracted for hereunder be incurred during the year nineteen hundred and fourteen.

Which was adopted by the following vote:

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

District Attorney, Bronx County—Modification of Schedule (Cal. No. 161).

(On March 6, 1914 (No. 88), the request of the District Attorney in this matter was referred to the Comptroller.)

(On May 22, 1914 (Cal. No. 21), the report of the Comptroller thereon was laid over one week under rule 19.)

The Secretary presented a communication from the District Attorney, Bronx County, dated March 5, 1914, requesting an appropriation of $1,930.50 for equipment for the Bronx County Law Library, together with the following report of the Comptroller recommending the approval of schedule No. 3357½:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, May 18, 1914.

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

Gentlemen—In a communication dated March 5, 1914, the District Attorney of Bronx County requested that $1,930.50 in special revenue bonds be issued, the proceeds therefrom to be used for the purchase of additional books and furniture required by the Law Library, for the Bronx County officials. In connection therewith, it is reported as follows:

The amount requested by the District Attorney of Bronx County for books and library furniture to be used by the County Court, County Clerk, Sheriff, Register and District Attorney of the said county, is made up as follows:

For purchase of law library books	$1,430 50
For maintenance of library during the year	250 00
For furnishing desks, tables, chairs, etc., for furnishing library room	250 00
	$1,930 50

The District Attorney has submitted a list, marked "List B," showing in detail the name, number and price of each book he intends to purchase providing the necessary funds are made available from an issue of revenue bonds as requested.

Upon investigation it appears that the books requested by the District Attorney are necessary for a properly equipped working law library. The prices submitted in the list submitted also appear to be conservative, except that it is recommended that a Standard Dictionary, at $35, should be substituted for the one listed at $75, as the former should answer all purposes. The amount requested for the maintenance of library and the furnishing of same with desks, tables, chairs, etc., also appears to be reasonable.

From the foregoing it will be seen that $1,890.50 is required to purchase the additional equipment for the Bronx Law Library, and as this is a mandatory county charge, provision for the payment of same will be made by the Comptroller pursuant to the provisions of subdivision 7, section 188, of the Greater New York Charter.

The adoption of the attached resolution revising the appropriated schedule is hereby recommended accordingly.

Respectfully submitted, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the revenue bond fund schedule, as revised, for the Bronx County Law Library for the year 1914, as follows:

Law Library for Courts and County Officials in Bronx County.

3357½	Purchase of Equipment	$4,890 50
	Special Revenue Bond Allowance	$4,890 50

Which was adopted by the following vote:

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

Brooklyn Public Library—Issue of Special Revenue Bonds (Cal. No. 162).

(On May 1, 1914 (Cal. No. 168-D), the resolution of the Board of Aldermen in this matter was referred to the Comptroller.)

(On May 22, 1914 (Cal. No. 24), the report of the Comptroller thereon was laid over one week under Rule 19.)

The Secretary presented a resolution of the Board of Aldermen, adopted April 14, 1914, requesting an issue of special revenue bonds in the sum of $8,320, the proceeds whereof to be used by the Trustees of the Brooklyn Public Library for operating the Brownsville Children's Library and the Eastern Parkway Branch; together with the following report of the Comptroller, Chairman of the Committee on Education, recommending an issue of $7,598.31 special revenue bonds and the approval of schedule therefor:

City of New York, Department of Finance, Comptroller's Office, May 14, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On April 14, 1914, the Board of Aldermen adopted a resolution requesting an issue of special revenue bonds in the sum of $8,320, the proceeds whereof to be used by the Trustees of the Brooklyn Public Library for the purpose of operating two branch libraries, as follows:

Brownsville Children's Library	$4,430 00
Eastern Parkway Branch	3,890 00

In connection therewith I report as follows:

Upon investigation it has been found that the Brownsville Children's Branch, situated at the corner of Stone street and Dumont avenue, will not be ready for occupancy until August 1, 1914, on account of delays in construction. Provision should be made for the proposed staff and equipment for five months instead of six, as requested, as follows:

	Yearly Rate.	Required for Five Months.
One Branch Librarian	$1,020 00	$425 00
One Children's Librarian	900 00	375 00
One Children's Librarian	720 00	300 00
One Children's Librarian	660 00	275 00
One Assistant Children's Librarian	600 00	250 00
Three Assistant Children's Librarians, at $480	1,440 00	600 00
One Messenger	240 00	100 00
One Janitor	780 00	325 00
One Cleaner	300 00	125 00
Periodicals	.....	83 33
Binding	.....	83 33
Janitor's Supplies	.....	100 00
Office Supplies	.....	250 00
Light and Heat	.....	416 65
		$3,708 31

The Eastern Parkway Branch, located on Eastern parkway, corner of Schenectady avenue, will be ready for occupancy July 1, 1914, and provision should be made for the proposed staff and equipment for six months, from July 1, 1914, as follows:

	Yearly Rate.	Required for Six Months.
One Branch Librarian	$840 00	$420 00
One Senior Assistant	660 00	330 00
One Children's Librarian	720 00	380 00
Two Junior Assistants, at $600	1,200 00	600 00
One Junior Assistant	540 00	270 00
One Messenger	240 00	120 00
Janitor	780 00	390 00
Cleaner	300 00	150 00
Periodicals	.....	250 00
Binding	.....	100 00
Janitor's Supplies	.....	100 00
Office Supplies	.....	300 00
Light and Heat	.....	500 00
		$3,890 00

There are no funds available for this purpose in the 1914 allowance for the Brooklyn Public Library, none having been requested because of the uncertainty of the date of the opening of the Libraries.

I recommend the adoption of the attached resolution granting the resquest as amended. Respectfully,

WM. A. PRENDERGAST, Comptroller, Chairman, Committee on Education.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on April 14, 1914, requesting an issue of special revenue bonds in the sum of eight thousand three hundred and twenty dollars ($8,320), the proceeds whereof to be used by the Board of Trustees of the Brooklyn Public Library for the purpose of operating two branch libraries, as follows:

Brownsville Children's Branch, corner of Stone street and Dumont avenue—Amount required for operation of branch from August 1 to December 31	$4,430 00
Eastern Parkway Branch, Eastern parkway, corner of Schenectady avenue—Amount required for operation of branch from July 1 to December 31	3,890 00
	$8,320 00

—all obligations hereunder to be contracted on or before December 31, 1914.

—be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment for the following purposes and to the extent of the hereinafter named amounts:

Personal Service, Salaries, Temporary Employees, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Force	$990 00
Personal Service, Salaries, Temporary Employees, Circulation of Books, Branch Libraries, Revenue Bond Force	4,425 00
Supplies, Fuel Supplies, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Allowance	366 66

	Supplies, Office Supplies, Circulation of Books, Branch Libraries, Revenue Bond Allowance	733 33
	Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Allowance	200 00
	Purchase of Equipment, General Plant Equipment, Circulation of Books, Branch Libraries, Revenue Bond Allowance	333 33
	Contract or Open Order Service, Light, Heat and Power, Lighting Public Buildings, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Allowance	549 99
		$7,598 31

—and for the purpose of providing means therefor the Comptroller be and is hereby authorized, pursuant to the provision 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 seven thousand five hundred and ninety-eight dollars and thirty-one cents ($7,598.31), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen, the President of the Borough of Manhattan, the Acting President of the Borough of Brooklyn and the Presidents of the Boroughs of 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 Brooklyn Public Library, for the year 1914, as follows:

Personal Service, Salaries, Temporary Employees, Care of Buildings and Grounds, Branch Libraries.

1506¼	Revenue Bond Force—	
	Janitor, 1 at $780 (5 months)	$325 00
	Janitor, 1 at $780 (6 months)	390 00
	Cleaner, 1 at $300 (5 months)	125 00
	Cleaner, 1 at $300 (6 months)	150 00
		$990 00

Personal Service, Salaries, Temporary Employees, Circulation of Books, Branch Libraries.

1506½	Revenue Bond Force, Children's Libraries—	
	Children's Librarian, 1 at $900 (5 months)	$375 00
	Children's Librarian, 1 at $720 (5 months)	300 00
	Children's Librarian, 1 at $720 (6 months)	360 00
	Children's Librarian, 1 at $660 (5 months)	275 00
	Assistant Children's Librarian, 1 at $600 (5 months)	250 00
	Assistant Children's Librarian, 3 at $480 (5 months each)	600 00
		$2,160 00
1506¾	Revenue Bond Force, Branch Libraries—	
	Branch Librarian, 1 at $1,020 (5 months)	$425 00
	Branch Librarian, 1 at $840 (6 months)	420 00
	Senior Assistant, 1 at $660 (6 months)	330 00
	Junior Assistant, 2 at $600 (6 months each)	600 00
	Junior Assistant, 1 at $540 (6 months)	270 00
	Messenger, 1 at $240 (5 months)	100 00
	Messenger, 1 at $240 (6 months)	120 00
		$2,265 00

Supplies, Fuel Supplies, Care of Buildings and Grounds, Branch Libraries.

1509½	Revenue Bond Allowance	$366 66
	Supplies, Office Supplies, Circulation of Books, Branch Libraries.	
1511½	Revenue Bond Allowance	733 33
	Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Buildings and Grounds, Branch Libraries.	
1512½	Revenue Bond Allowance	200 00
	Purchase of Equipment, General Plant Equipment, Circulation of Books, Branch Libraries.	
1514½	Revenue Bond Allowance	333 33
	Contract or Open Order Service, Light, Heat and Power, Lighting Public Buildings, Care of Buildings and Grounds, Branch Libraries.	
1518½	Revenue Bond Allowance	549 99

Which was adopted by the following vote:

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

Metropolitan Sewerage Commission—Issue of Corporate Stock (Cal. No. 163).

(On April 24, 1914 (No. 71), the request of the Metropolitan Sewerage Commission in this matter was referred to the Committee on Corporate Stock Budget.)

(On May 22, 1914 (Cal. No. 25), the report of the Comptroller thereon was laid over one week under rule 19.)

The Secretary presented a communication from the Mayor, dated April 22, 1914, embodying a request of Metropolitan Sewerage Commission for sufficient funds to keep said Commission in existence until a decision is made by the Board of Estimate and Apportionment as to the future work of said Commission and the disposition of its effects; together with the following report of the Comptroller recommending the issue of $5,000 corporate stock for the expenses of said Commission up to July 1, 1914, and suggesting the appointment of a Committee on Sewer Plan to consider and formulate a definite policy for the consideration of sewer plans, etc.

City of New York, Department of Finance, Comptroller's Office, May 19, 1914.

Board of Estimate and Apportionment, City of New York:

Gentlemen—As the result of a careful consideration of the report made to your honorable Board on the 15th instant by the New York Sewer Plan Commission on the plan of main drainage for the City proposed by the Metropolitan Sewerage Commission of New York. I am of the opinion that the Commission should have sufficient funds to properly maintain its present staff of employees, quarters, etc. until July 1st, next. I would suggest, further, that in the meantime a Committee on Sewer Plan should be appointed by the Board of Estimate and Apportionment, to consider and formulate a definite policy for the further consideration of sewer plans and a report thereon to be presented to said board for consideration and adoption prior to July 1st, next.

On May 19, 1914, a representative of this department was informed by Mr. George A. Soper, President of the Commission, that the Commission had on that date, funds on hand of approximately $1,100. Of this sum, however, less than $100 is available, as the balance of about $1,000 is being held to meet obligations incurred prior to May 1, 1914. Mr. Soper claims that the expense of maintaining the office, etc. is $3,000 a month. The payroll for May he states will amount to $2,083.33; the rent is $362.50 quarterly, or $120.83 a month. A liberal allowance for telephones, postage, telegrams, etc., would when added to the items mentioned above, bring the total to $2,500 per month or $5,000 for the period until July 1, 1914.

I recommend that a corporate stock issue be authorized in the sum of $5,000 for the purposes herein previously stated. Two resolutions to this effect are herewith transmitted.

Respectfully, WM. A. PRENDEGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of chapter 639 of the Laws of 1906, as amended by chapter 422 of the Laws of 1908, chapter 200 of the Laws of 1910 and chapter 332 of the Laws of 1913, the Board of Estimate and Apportionment hereby appropriates the sum of five thousand dollars ($5,000) to pay salaries and other expenses of the Commission known as the Metropolitan Sewerage Commission of New York, appointed to investigate and consider means for protecting the waters of New York Bay and vicinity against pollution, all obligations hereunder to be incurred prior to July 1, 1914, and that for the purpose of providing means therefor, the Comptroller be and is hereby authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, as amended, the proceeds thereof to the amount of the par value of the stock, to be applied to the purposes aforesaid.

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment be and is hereby authorized and directed to appoint a Committee on Sewer Plan to consider and formulate a definite policy for the further consideration of sewer plans and a report thereon be presented to said Board for consideration and adoption prior to July 1, 1914, and, be it further

Resolved, That the Metropolitan Sewerage Commission of New York be furnished with sufficient funds to properly maintain said Commission until July 1, 1914, and that the proceeds of corporate stock to the extent of $5,000 be made available for the continued maintenance of the said Commission until July 1, 1914.

Which was adopted by the following vote:

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

Department of Parks, Boroughs of Manhattan and Richmond—Approval of Plans, Specifications, Etc. (Cal. No. 164).

The Secretary presented a report of the Bureau of Contract Supervision in the matter of a request from the Commissioner of Parks, Manhattan and Richmond, for approval of plans, specifications and an estimate of cost in the sum of $45,000 for the reconstruction of the southern half of the Plaza at 5th avenue, between 58th and 59th streets, in connection with the erection of the Pulitzer fountain.

The Bureau of Contract Supervision has suggested changes in the specifications to reduce the cost from $45,000 to $38,000. The architect for the work has expressed himself as satisfied with the changes, and has stated his belief that the work could be done below $39,000. The changes made effect a saving of $7,000. Approval of the plans, etc., pursuant to resolution adopted July 11, 1912, at the reduced estimate of cost, is recommended.

(On May 22, 1914 (Cal. No. 27), this matter was laid over for one week.)

Which was laid over for one week, (June 5, 1914), upon the request of the President of the Borough of Manhattan.

President, Borough of The Bronx—Approval of New Estimate of Cost for Furnishing and Installing Electric and Gas Fixtures in the Bronx Borough Court House (Cal. No. 165).

The Secretary presented a report of the Bureau of Contract Supervision, recommending the approval of a new estimate of cost in the sum of $7,455 for furnishing and installing electric and gas fixtures in the Bronx Borough Court House, under the jurisdiction of the Borough President.

As originally submitted, the specififfications for these fixtures would have involved an expenditure of aproximately $15,000. Changes were made to reduce the cost to $7,000. The lowest of five bids received was that of Wahle Phillips Company for $7,455. Under present market conditions this bid is reasonable.

It is recommended that the estimate be increased by $455.

(On May 22, 1914 (Cal. No. 30), this matter was laid over for one week.)

Which was laid over for one week (June 5, 1914), upon the request of the President of the Borough of Manhattan.

Street Improvement Fund (Cal. No. 166).
Establishing a Definite Policy Relative to Authorizing Improvements the Cost of Which Would Be Charged Against the Street Improvement Fund.

(At the meeting of the Board on May 22, 1914 (Cal. No. 52), this matter was laid over until this date.)

On motion of the Comptroller the matter was again laid over; until June 5, 1914.

Policy of the Board Respecting Street Opening Proceedings (Cal. No. 167).

(At the meeting of the Board on May 15, 1914 (Cal. No. 62), this matter was laid over for two weeks pending the receipt of a report from the Comptroller on the status of the Fund for Street and Park Openings.)

On motion of the Comptroller the matter was laid over until June 5, 1914.

Regulating and Grading Tyndall Avenue, from Mosholu Avenue to a Point About 73 Feet North of West 260th Street, Borough of The Bronx (Cal. No. 168).

(At the meeting of the Board on May 5, 1914 (Cal. No. 127) this matter was laid over for two weeks.)

On motion of the President of the Borough of The Bronx the matter was again laid over; until June 26, 1914.

Sewer in Tyndall Avenue, from Mosholu Avenue to a Point About 265 Feet North of West 260th Street, Borough of The Bronx (Cal. No. 169).

(At the meeting of the Board on May 15, 1914 (Cal. No. 128), this matter was laid over for two weeks.)

On motion of the President of the Borough of The Bronx the matter was again laid over; until June 26, 1914.

Paving Park Avenue, from East 144th Street to Morris Avenue, Near East 155th Street, Borough of The Bronx (Cal. No. 170).

(At the meeting of the Board on May 1, 1914 (Cal. No. 90), this matter was laid over for two weeks; on May 15, 1914 (Cal. No. 164), it was again laid over for two weeks.)

On motion of the Comptroller the matter was laid over until June 12, 1914.

MATTERS CONSIDERED BY UNANIMOUS CONSENT.

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

Grading, Curbing and Flagging Hunt Place, from Louona Avenue to Alburtis Avenue, Borough of Queens (No. 171).

(Preliminary Authorization.)

The Secretary presented a resolution adopted on December 13, 1912, by the Local Board of the Newtown District, initiating proceedings for this improvement; and the following report of the Chief Engineer:

Report No. 13849. May 28, 1914.

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 Newtown District, Borough of Queens, adopted on December 13, 1912, initiating proceedings for grading and curbing Hunt place from Louona avenue to Alburtis avenue, and for flagging this street on both sides from Louona avenue to Culver place and on the southerly side only from Culver place to Alburtis avenue.

This resolution affects three blocks or about 700 feet of Hunt place, which the Corporation Counsel advises is dedicated to public use. The roadway is approximately graded and the abutting property is largely improved excepting on the northerly side in the easterly block, where the entire frontage is occupied by a public park.

The work is estimated to cost about $3,700, and the assessed valuation of the property to be benefited is $35,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The President of the Borough of Queens offered the following:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 13th day of December, 1912, and approved by the President of the Borough of Queens on the 14th day of October, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, curbing and laying crosswalks in Hunt place (Park street), from Louona (Grand) avenue to Alburtis (Sycamore) avenue, and laying sidewalks where not already laid to grade and in good condition on both sides of Hunt place, from Louona avenue to Culver place (Linden street), and on the southerly side of Hunt place, from Culver place to Alburtis avenue, together with all work incidental thereto, 2d Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

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

Grading, Curbing and Flagging Hunt Place, from Louona Avenue to Alburtis Avenue, Borough of Queens (No. 172).

(Final Authorization.)

The Secretary presented a communication from the President of the Borough of Queens, dated May 27, 1914, advising that all of the conditions imposed by the Board prior to the authorization of the following local improvement have been complied with; together with another communication from the President of Queens, bearing the same date, urging authorization of the improvement.

The President of the Borough of Queens offered the following:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 13th day of December, 1912, and approved by the President of the Borough of Queens on the 14th day of October, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, curbing and laying crosswalks in Hunt place (Park street), from Louona (Grand) avenue to Alburtis (Sycamore) avenue, and laying sidewalks where not already laid to grade and in good condition on both sides of Hunt place, from Louona avenue to Culver place (Linden street), and on the southerly side of Hunt place, from Culver place to Alburtis avenue, together with all work incidental thereto, Second Ward of the Borough of Queens."

—and thereupon, on the 28th day of May, 1914, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of cost of the proposed improvement, based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $3,700; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $35,000, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvment.

Which was adopted by the following vote:

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

Decreasing the Width of Digney Avenue, Between East 233d Street and East 237th Street, Borough of The Bronx (No. 173).

On motion of the President of the Borough of The Bronx, the Chief Engineer of the Board was directed to present a report on this matter at the meeting of the Board to be held June 5, 1914.

Fixing Roadway and Sidewalk Widths on the Easterly Side of Varick Street, at St. Johns Chapel, Borough of Manhattan (No. 174).

The Secretary presented a report of the Committee on the City Plan relative to St. Johns Chapel in Varick street, Borough of Manhattan, stating that the proposed widening of Varick street as an extension of 7th avenue involves the destruction of St. Johns Chapel, as the body of the church will project over 12 feet into the widened street, and the pillars of the portico will project 35 feet into the street, or 15 feet beyond the curb line, and recommending that, subject to revocation at any time, St. Johns Chapel be permitted to remain in the street by widening the sidewalk in front of the church and carrying it under the portico, the additional cost of maintaining the church structure during subway construction to be paid by the City, provided a guarantee is given to the Board within 20 days that the building will be preserved and maintained for a reasonable period for some public or semi-public use.

(This matter was referred to the Comptroller and the President of the Borough of Manhattan on December 24, 1913 (Cal. No. 17). On January 30, 1914 (No. 85), in reassigning matters in Committee, the matter was referred to the Committee on the City Plan.)

On motion, the matter was laid over one week (June 5, 1914), and the Secretary was directed to send copies of the report of the Committee to the people interested.

Relocation of the Tracks of the New York Railways Company on Central Park West, Between 59th and 110th Streets, Borough of Manhattan (No. 175).

The Secretary presented a report of the Committee on the City Plan relative to the proposed widening of the roadway in Central Park West between 59th and 110th streets, and the relocation of the railway tracks therein, Borough of Manhattan.

At the meeting of the Board on December 11, 1913 (Cal. No. 4), a resolution was adopted denying a petition from the Railways Company asking for an extension of time to April 26, 1914, in which to carry out the order of the Board.

On March 27, 1914 (Cal. No. 80), the New York Railways Company submitted an offer to bear jointly and equally with the City the expense of the proposed relocation of tracks, estimated at $352,000. The matter was then referred to the Committee on the City Plan.

The Committee recommends that the President of the Borough of Manhattan be authorized and directed to proceed with the physical work of widening the roadway as provided in the resolution adopted by the Board on January 9, 1913 (Cal. No. 121), upon funds being available therefor; and also that the Borough President be authorized and directed in connection with such physical widening to take all necessary steps to secure compliance by the New York Railways Company with the resolution adopted by the Board on August 28, 1913 (Cal. No. 96), for the relocation of its tracks in connection with the improvement, and that the President of the Borough give appropriate notice to the Company of his intention to proceed with such work.

On motion, the matter was laid over for one week (June 5, 1914).

Department of Docks and Ferries—Approval of Contract, Specifications, Etc. (No. 176).

The Secretary presented a communication from the Commissioner of Docks, dated May 16, 1914, requesting approval of contract, specifications, etc., for dredging at the site of the proposed improvement in the vicinity of West 46th street, North River, at an estimated cost of $30,000, and the following report of the Bureau of Contract Supervision recommending approval thereof, at an estimated cost of $25,000.

City of New York, Board of Estimate and Apportionment, Municipal Building, Bureau of Contract Supervision, May 23, 1914.

To the Board of Estimate and Apportionment:

Gentlemen—On May 19, 1914, there was transmitted to the Bureau of Contract Supervision a communication from the Commissioner of Docks, dated May 16, 1914, requesting approval of the form of contract, specifications and estimates of cost in the sum of $30,000 for dredging at the site of the proposed improvement near the foot of West 46th street, North River, Manhattan.

The cost is to be paid from a corporate stock fund of $164,000 approved of by the Board of Estimate and Apportionment on July 31, 1913, as amended on May 22, 1914, and entitled "C. D. D.—31B, Department of Docks and Ferries, Dredging at 1,000-Foot Pier at West 46th Street and the Slips Adjacent Thereto." On May 16, 1914, an unencumbered balance of $100,107.73 remained in the fund.

The form of contract, plans and specifications are satisfactory.

The estimate of cost is considered excessive. Engineers of the Bureau of Contract Supervision report that, based on the bids received for the 46th street dredging and making due allowance for its being a smaller contract, the cost should not exceed $25,000.

I recommend the adoption of the attached resolution, which will approve the form of contract, plans and specifications for the work and estimate of cost in the sum of $25,000.

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 twenty-five thousand dollars ($25,000) for dredging at the site of the proposed improvement near the foot of 44th street, North River, Borough of Manhattan, under the jurisdiction of the Department of Docks and Ferries, the cost to be paid from the corporate stock fund entitled "C. D. D.—31B, Department of Docks and Ferries, Dredging at 1,000-Foot Pier at West 46th Street and the Slips Adjacent Thereto"; and further provided,

If no bids are received for such work within such estimated cost, 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 any official acting in its behalf, provided that any of said bids is within the amount authorized or available for such work.

Which was adopted by the following vote:

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

Interborough Rapid Transit Company, City Hall Park, Spruce and William Street Route—Route No. 60 (No. 177).

The Secretary presented the following communication from the Public Service Commission:

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

The Park Place, William and Clark Street Route, as heretofore adopted and approved, which was adopted to provide the tunnel connection between the Seventh Avenue Line of the Interborough Rapid Transit Company in the Borough of Manhattan and the present Subway in the Borough of Brooklyn near Borough Hall, passes in part under the property occupied by the General Post Office Building in the block bounded by Broadway, Mail street and Park Row. An Act (entitled "An Act to permit the construction of a subway and the maintenance of a railroad under the post office building at or near Park Place in The City of New York," approved August 9, 1912) was passed by the Congress of the United States of America and approved by the President authorizing the Secretary of the Treasury to grant to The City of New York the necessary rights and easements for the construction of the rapid transit railroad through this property. Negotiations have been taken up with the Secretary of the Treasury, but as yet the Commission has not been able to come to a satisfactory agreement. The Commission accordingly deems it advisable, in order to minimize delay in construction in the event that it should ultimately be found impossible to reach an agreement, to provide for a new route under City Hall Park, Spruce and William streets, so as to avoid passing under the Post Office Building. The Commission has accordingly adopted a route and general plan of construction for a proposed rapid transit railroad to be known as the City Hall Park, Spruce and William Street Route (Route No. 60) and now transmits to your Honorable Board for your approval and the approval of the Mayor, as required by law, a certified copy of resolutions adopted by it on the 26th day of May, 1914, determining and establishing the route and general plan of construction for such new rapid transit railroad. This route begins in Park place near Broadway, where a connection can be made with the Park Place, William and Clark Street Route, and thence runs under City Hall Park, Spruce street and William street to a point south of Beekman street where a connection can again be made with the Park Place, William and Clark Street Route.

Dated, New York, May 26, 1914.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by EDWARD E. MCCALL, Chairman.

(Seal of the Commission)

Attest: TRAVIS H. WHITNEY, Secretary.

The following was offered:

Resolved, That the communication be received and in pursuance of law this Board hereby fixes Friday, June 5, 1914, at 10.30 o'clock A. M. in room 16, City Hall, Borough of Manhattan, as the time and place when and where such route and general plan will be considered; and be it further

Resolved, That the Secretary of this Board be and he is hereby directed to publish notice of such consideration in the CITY RECORD.

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

The communication and resolutions were then referred to the Committee on Transit.

People's Five Cent Bus Corporation (No. 178).

The Secretary presented a communication from Mr. Alfred J. Talley, counsel for the People's Five Cent Bus Corporation, dated May 27, 1914, requesting that action be taken on the application of said company for a franchise to operate stages and omnibuses along various streets and avenues in the Borough of Manhattan.

(The application of the company was presented to the Board at the meeting held July 31, 1913, and referred to the Bureau of Franchises. On November 13, 1913, after a public hearing, the matter was referred to the Committee on Franchises.)

On motion the communication was referred to the Committee on Franchises.

Interborough Rapid Transit Company, 8th Avenue and 162d Street Connection (No. 179).

Modification of Certificate Granted by the Public Service Commission and Approved by the Board of Estimate and Apportionment on March 18, 1913, to Construct, Maintain and Operate Elevated Railroad Extensions, Known as Webster Avenue Line, Eighth Avenue and One Hundred and Sixty-second Street Connection, Queensboro Bridge Line and West Farms Subway Connection, Boroughs of Manhattan, The Bronx and Queens.

The Secretary presented the following:

State of New York, Public Service Commission for the First District, May 26, 1914.

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

The Public Service Commission for the First District herewith transmits to your

honorable Board a certificate granted to the Interborough Rapid Transit Company dated May 22, 1914, which has been executed by the Commission. This certificate modifies the original certificate of March 19, 1913, authorizing extensions to existing elevated lines so as to provide for certain modifications of the 8th avenue and 162d street connection. This modification is desired for the purpose of eliminating the sharp curves between 162d street and Anderson avenue, and at 162d street and Jerome avenue, shown on the plans of the original route. This certificate has been accepted by the Interborough Rapid Transit Company and consented to by the trustees of the mortgage of Interborough Rapid Transit Company and will now require the approval of your honorable Board and in addition thereto there will be necessary the consent of your honorable Board and the Mayor to the modification of the description of the route of the 8th avenue and 162d street connection authorized by such amending certificate.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by EDWARD E. McCALL, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

The Secretary also presented a communication from the Secretary to the President of the Board of Aldermen, dated May 27, 1914, stating that the President would like to have the matter taken up by unanimous consent.

On motion the communications and certificate were referred to the Committee on Transit.

Proposed Construction of Station at or Near 3d Street on the Fourth Avenue Subway, Borough of Brooklyn (No. 180).

The Secretary presented the following communication from the Public Service Commission:

State of New York, Public Service Commission for the First District, May 27, 1914.

Board of Estimate and Apportionment, City Hall, New York City:

Sirs—The Public Service Commission has under consideration the location and construction of a station at or near 3d street on the Fourth Avenue Subway, Brooklyn, which the Chief Engineer estimates will cost about $250,000. Before directing the Chief Engineer and Counsel to proceed with the preparation of contract plans and form of contract the Commission will be glad to have an expression of the attitude of the Board of Estimate and Apportionment with reference to this matter, in order that it may not cause unnecessary expense in the preparation of plans if the Board should not deem it advisable to approve of such a contract after bids have been received.

The Commission will appreciate an early expression of opinion with reference to this matter.

Very truly yours, TRAVIS H. WHITNEY, Secretary.

On motion the matter was referred to the Committee on Transit.

Department of Docks and Ferries; Department of Street Cleaning—Issue of Corporate Stock (No. 181).

The Secretary presented a communication from the Commissioner of Docks, dated May 23, 1914, requesting an issue of corporate stock in the sum of $18,000, chargeable against the Department of Street Cleaning, for the construction of an extension to the dumping board at the foot of East 72nd street, East River, Borough of Manhattan, and for covering the entire dumping board thereat. The construction work to be under the control of the Department of Docks and Ferries.

Which was referred to the Committee on Corporate Stock Budget.

Department of Docks and Ferries; Department of Street Cleaning—Issue of Corporate Stock (No. 182).

The Secretary presented a communication from the Commissioner of Docks, dated May 23, 1914, requesting an issue of corporate stock in the sum of $41,000, chargeable against the Department of Street Cleaning, for the construction of a covered dumping board at the southerly side of pier at the foot of West 95th street, North River, the construction work to be under the control of the Department of Docks and Ferries.

Which was referred to the Committee on Corporate Stock Budget.

Department of Docks and Ferries; Department of Street Cleaning—Issue of Corporate Stock (No. 183).

The Secretary presented a communication from the Commissioner of Docks, dated May 26, 1914, requesting an issue of corporate stock in the sum of $35,000, chargeable against the Department of Street Cleaning, for the construction of a covered steel dumping board at the outshore end of the north side of the pier at the foot of West 30th street, North River, Borough of Manhattan, the construction work to be under the control of the Department of Docks and Ferries.

Which was referred to the Committee on Corporate Stock Budget.

Department of Docks and Ferries; Department of Street Cleaning—Issue of Corporate Stock (No. 184).

The Secretary presented a communication from the Commissioner of Docks, dated May 26, 1914, requesting an issue of corporate stock in the sum of $66,000, chargeable against the Department of Street Cleaning, for the construction of a covered steel dumping board to replace the existing dumping board on the southerly side of Pier 33, foot of Canal street, North River, the construction work to be under the control of the Department of Docks and Ferries.

Which was referred to the Committee on Corporate Stock Budget.

Department of Public Charities—Establishment of Various Grades of Positions (No. 185).

The Secretary presented a communication from the Commissioner of Public Charities, dated May 25, 1914, requesting the establishment in his Department of the following grades of positions:

	Salary	Number of Incumbents.
Secretary to First Deputy Commissioner	$2,500 00	1
Deputy Medical Superintendent	2,500 00	1
Bookkeeper	1,650 00	1
Assistant General Inspector	2,000 00	1
Executive Interne	720 00	7
Executive Interne	600 00	5
Confidential Inspector	1,500 00	2 additional
Resident Physician	1,200 00	1 additional
Housekeeper	600 00	1 additional

Which was referred to the Committee on Salaries and Grades.

Fire Department—Establishment of Various Grades of Positions (No. 186).

The Secretary presented a communication from the Fire Commissioner, dated May 25, 1914, requesting the establishment in the Bureau of Fire Prevention, Fire Department, of the following grades of positions: Chief Examiner at $2,500 per annum, for one additional incumbent; Engineering Inspector (mechanical) at $1,500 per annum for one incumbent.

Which was referred to the Committee on Salaries and Grades.

Relief from Assessment in the Proceedings for Acquiring Title to East 210th Street, from Jerome Avenue to Wayne Avenue, and to Wayne Avenue and Tryon Avenue, from Reservoir Oval West to Gun Hill Road, Borough of The Bronx (No. 187).

The Secretary presented a communication dated May 25, 1914, from Harold Swain, requesting that the City or the Borough of The Bronx assume the portion of the expense originally assessed on the Montefiore Home for Chronic Invalids, but now spread over the remainder of the area of assessment, amounting to $28.921.60, in the proceeding for acquiring title to East 210th street, from Jerome to Wayne avenues, and to Wayne and Tryon avenues, from Reservoir Oval West to Gun Hill road.

(A similar petition was presented on April 25, 1912, and referred to a Committee on June 13, 1912. On January 30, 1914 (Cal. No. 85), the matter was reassigned to the Committee on Assessments.)

On motion the communication was referred to the Committee on Assessments.

Public Service Commission for the First District—Consent to Award of Contract and Issue of Corporate Stock Therefor (No. 188).

The Secretary presented a requisition of the Public Service Commission for the First District, dated May 22, 1914, for consent to the award of the contract to the Thos. Crimmins Contracting Company for installation of tracks for a portion of the Broadway-Fourth Avenue Line, General Stationing Lines A and F between Station 271+71.71 and Station 603+90.32 for $212,880, and the issue of corporate stock therefor.

Which was referred to the Comptroller and to the Bureau of Contract Supervision.

Public Service Commission for the First District—Consent to Award of Contract and Issue of Corporate Stock Therefor (No. 189).

The Secretary presented a requisition of the Public Service Commission for the First District, dated May 22, 1914, for consent to the award of the contract to the United States Realty & Improvement Company for the construction of Section 2 of Routes 4 and 36 of Broadway-Fourth Avenue Rapid Transit Railroad (beginning at Broadway and 26th street and extending to West 38th street, Manhattan), for $2,657,004.50 and the issue of corporate stock therefor.

Which was referred to the Comptroller and to the Bureau of Contract Supervision.

Public Service Commission for the First District—Consent to Award of Contract and Issue of Corporate Stock Therefor (No. 190).

The Secretary presented a requisition of the Public Service Commission for the First District, dated May 26, 1914, for consent to the award of the contract to the Booth & Flinn, Ltd., and O'Rourke Engineering Constructing Company for the construction of Section 2, Route No. 33, of the Whitehall Street-East River-Montague Street Rapid Transit Railroad (beginning at Whitehall street, Manhattan, and extending under Whitehall and South streets, and East River to Furman street, Brooklyn), for $5.974,809.50, and the issue of corporate stock therefor.

Which was referred to the Comptroller and to the Bureau of Contract Supervision.

Public Service Commission for the First District—Consent to Award of Contract and Issue of Corporate Stock Therefor (No. 191).

The Secretary presented a requisition of the Public Service Commission for the First District, dated May 26, 1914, for consent to the award of the contract to the Underpinning & Foundation Company for the construction of Section No. 2, Route No. 20, of the Broadway-Fourth Avenue Rapid Transit Railroad (beginning at Canal street and extending to the Bowery, Manhattan), for $1,822,994.25, and the issue of corporate stock therefor.

Which was referred to the Comptroller and to the Bureau of Contract Supervision.

Public Service Commission for the First District—Consent to Award of Contract and Issue of Corporate Stock Therefor (No. 192).

The Secretary presented a requisition of the Public Service Commission for the First District, dated May 26, 1914, for the consent to the award of the contract to the Interborough Rapid Transit Co. & Booth & Flinn, Ltd., & O'Rourke Engineering Construction Co. for the construction of Sec. No. 3, Route No. 48 of the Park Place, William and Clark Street Rapid Transit Railroad (beginning at Old Slip, Manhattan, and extending under East River to Furman street, near the foot of Clark and Fulton streets, Brooklyn), for $323,495.81, and the issue of corporate stock therefor.

Which was referred to the Comptroller and to the Bureau of Contract Supervision.

Queensboro Public Library—Appropriation for Binding of Books (No. 193).

The Secretary presented a communication from the Secretary of the Queensboro Public Library, dated May 25, 1914, requesting that an appropriation of $2,500 be made for the binding of books during the last six months of the year 1914. The appropriation in the Budget for the year 1914 for said purpose being practically exhausted.

Which was referred to the Comptroller.

Public Administrator, Kings County—Issue of Special Revenue Bonds (No. 194).

The Secretary presented a communication from the Public Administrator of Kings County, dated May 25, 1914, calling attention to an error in the communication presented to the Board at the meeting held on May 22, 1914 (No. 82), and referred to the Comptroller, requesting the issue of $36.45 special revenue bonds for the purpose of meeting deficits in the appropriations for his office for the year 1913.

Which was referred to the Comptroller.

Board of Coroners, Manhattan; Department of Finance; Department of Public Charities; Bellevue and Allied Hospitals—Issues of Special Revenue Bonds (No. 195).

The Secretary presented resolutions (3) of the Board of Aldermen, adopted May 12, 1914, requesting issue of special revenue bonds (subdivision 8, section 188 of the Charter), as follows:

A—$750, the proceeds to be used by the Board of Coroners, Borough of Manhattan, for the purchase of equipment and for the expense of removal to new offices in the Municipal Building.

B—$10,975.11 for the payment of expenses incurred by the Department of Finance in the equipment of offices and removal to new offices in the Municipal Building.

C—$4,620 for the payment of help from July 1 to December 31, 1914, inclusive, for the new Morgue situated on the grounds of Bellevue Hospital, under the jurisdiction of the Department of Public Charities.

—together with a communication from Dr. John P. Davin, dated April 2, 1914, referring to the report of the Commissioner of Public Charities forming the basis of the request for the above appropriation (Item C).

Which were referred to the Comptroller.

Offer of Sale of Property as a Site for a Court House (No. 196).

The Secretary presented a communication from Herman P. Schmidt, of 394 Graham avenue, Brooklyn, dated May 25, 1914, offering to sell to the City, as a site for a court house, property located on the east side of Graham avenue, between Jackson street and Skillman avenue, Borough of Brooklyn (lot 50 by 100 feet), for $10,000.

Which was referred to the Comptroller.

Department of Finance—Delay in Payment of Awards (No. 197).

The Secretary presented a communication from Howard J. Mandell, dated May 26, 1914, presenting five instances in which great hardship has resulted from the delay in paying the awards for property taken by the City in connection with the 7th avenue extension, Borough of Manhattan.

Which was referred to the Comptroller.

Register of Bronx County—Appropriation for Equipment of Bindery (No. 198).

The Secretary presented a communication from the Register of Bronx County, requesting the Board to take action on his communication presented at the meeting of March 6, 1914 (Cal. No. 54), and referred to the Comptroller, requesting an appropriation of $956.50 for equipment of bindery.

Which was referred to the Comptroller.

Telegraph, Telephone and Electric Wires on White Plains Road, from Gun Hill Road to the Northerly City Line, Borough of The Bronx (No. 199).

The Secretary presented a communication from John H. Behrmann, dated May 25, 1914, representing several property owners along White Plains road, requesting early consideration of the communication from the President of the Borough of The Bronx presented at the meeting of the Board on May 15, 1914 (Cal. No. 151), in reference to the removal of telegraph and telephone poles and their wires along White Plains road, by having said poles and wires placed underground.

Which was referred to the Bureau of Franchises.

Pier and Bulkhead Lines on the Hudson River, New York Harbor, from the Central Railroad of New Jersey to Castle Point on the New Jersey Side, and Pier 1 to Pier 60, New York City (No. 200).

The Secretary presented a communication from F. A. Pope, Major, Corps of En-

gineers, Recorder of the New York Harbor Line Board, dated May 26, 1914, transmitting a map approved by the Secretary of War on May 18, 1914, showing a change in the pier and bulkhead lines heretofore established, by substituting a tangent for the curved line at Castle Point.

Which was ordered filed.

On motion the Board adjourned to meet Friday, June 5, 1914, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

DEPARTMENT OF FINANCE.

WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE TUESDAY, JUNE 16, 1914.

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.
			Commissioners of Accounts.	
78259	5-28-14	6-13-14	Duplicator Manufacturing Co.....	$5 50
78260	5-29-14	6-13-14	L. C. Smith & Bros. Typewriter Co..	8 00
78261	5- 1-14	6-13-14	Charles Baeszler	37 40
			Board of Aldermen.	
77782	5-20-14	6-12-14	Herring-Hall-Marvin Safe Co.	17 00
77783	3- 5-14	6-12-14	M. A. O'Connor	2 00
77784	5-31-14	6-12-14	Fowler Manufacturing Co., Limited..	3 25
77785			New York Stencil Works	3 15
77786		6-12-14	William H. Steffens, Contingency Clerk	15 00
			Armory Board.	
77821	5-26-14	6-12-14	McKesson & Robbins.....	$9 00
77850	5-16-14	6-12-14	S. Tuttle's Son & Co.....	20 25
77851	5-12-14	6-12-14	Cavanagh Bros. & Co.....	4 40
77852	5-12-14	6-12-14	M. A. Markheim	7 50
77853	5-23-14	6-12-14	Cavanagh Bros. & Co.....	9 75
77855	5-23-14	6-12-14	Cavanagh Bros. & Co.....	4 00
77856	5-21-14	6-12-14	Cavanagh Bros. & Co.....	6 50
77857	5-19-14	6-12-14	Standard Oil Co., of New York.....	6 57
77858	5-22-14	6-12-14	Wm. P. Youngs & Bros.....	6 25
77859	5- 6-14	6-12-14	John A. Casey Co.....	6 60
77860	5-12-14	6-12-14	Cavanagh Bros. & Co.....	7 25
77862	2-20-14	6-12-14	John Simmons Co.....	3 00
77863	5-18-14	6-12-14	Standard Oil Co., of New York.....	6 06
77864	3-30-14	6-12-14	Stanley & Patterson	2 25
77865	4-27-14	6-12-14	Charles F. Hubbs & Co.....	20 00
77867	5-25-14	6-12-14	Department of Public Charities, Bureau of Disinfectants	15 25
77868	5-21-14	6-12-14	F. W. Devoe & C. T. Raynolds Co....	13 65
77869	5-21-14	6-12-14	Charles F. Hubbs & Co.....	15 73
77870	5-25-14	6-12-14	Cavanagh Bros. & Co.....	46 80
77873		6-12-14	Cavanagh Bros. & Co.....	27 35
77874	5-11-14	6-12-14	Montgomery & Co.....	4 05
77876	4-24-14	6-12-14	Agent and Warden of Sing Sing Prison	2 63
77882	5- 8-14	6-12-14	Cavanagh Bros. & Co.....	12 75
77886	5-19-14	6-12-14	Kraemer Bros. Co.....	120 00
77887	5-13-14	6-12-14	F. W. Devoe & C. T. Raynolds Co..	25 00
77888	4-16-14	6-12-14	A. C. Horn Company.....	85 85
77890	5-21-14	6-12-14	S. W. Reese & Co.....	12 50
77891	5-12-14	6-12-14	Cavanagh Bros. & Co.....	10 50
77892	5-26-14	6-12-14	John A. Casey Co.....	26 00
77898	5- 4-14	6-12-14	William C. Ferrer	18 33
77895	5-19-14	6-12-14	Samuel Pollack	6 98
77896		6-12-14	Duparquet, Huot & Moneuse Co.....	5 50
77875	3- 8-14	6-12-14	Agent and Warden of Sing Sing Prison	10 00
			Bellevue and Allied Hospitals.	
75718		6- 8-14	Mary E. Wadley, Assistant Superintendent of Nurses.....	$27 15
78021	6-14-13	6-12-14	D. B. Pershall & Son.....	10 75
78022	5- 4-14	6-12-14	Lewis De Groff & Son.....	82 80
78024	5-15-14	6-12-14	C. H. & E. S. Goldberg	24 00
78027	4- 2-14. 4-29-14	6-12-14	The American Laundry Machinery Co.	6 25
78028			D. B. Pershall & Son.....	7 90
78026	5- 4-14	6-12-14	The H. B. Claflin Company.....	115 38
78029	5- 1-14	6-12-14	L. Barth & Son.....	24 60
78030	5-11-14	6-12-14	Meinecke & Co.....	21 60
78031	4- 7-14. 5- 9-14	6-12-14	B. Altman & Co.....	107 15
78033	5-12-14	6-12-14	James T. Dougherty	39 60
78034	5- 9-14	6-12-14	E. Leitz	14 40
78035	5-11-14	6-12-14	Waite & Bartlett Mfg. Co.....	49 80
78036	5-12-14	6-12-14	Julius Fowl	142 56
78037	5- 7-14	6-12-14	M. Faulhaber	36 00
78038	4-29-14	6-12-14	Obrig Camera Co.....	5 20
78039	4- 8-14. 4-27-14	6-12-14	G. E. Stechert & Co.....	6 94
78040			The Blake & Knowles Steam Pump Works	9 00
78041	5- 6-14	6-12-14	S. F. Hayward & Co.....	18 00
78042	5- 9-14	6-12-14	H. W. Johns-Manville Co.....	19 10
78043			Thos. W. Kiley & Co.....	30 00
78044	4-23-14	6-12-14	The J. L. Mott Iron Works.....	41 70
78046			Scientific Equipment Company.....	16 25
			Department of Bridges.	
74311	5-25-14	6- 5-14	H. M. Pettit	$500 00
76176			Thompson-Bonney Company	92 00
			Municipal Civil Service Commission.	
77293	5- 1-14	6-11-14	Kanouse Mountain Water Co.....	$9 00
77294	5-29-14	6-11-14	Knickerbocker Towel Supply Co.....	12 00
77296			Baker Voorhis & Co.....	8 00
78460		6-15-14	Edward L. Thorndike	165 50
			County Clerk, Kings County.	
76403		6- 9-14	Brooklyn Weekly News	$35 00
76402	6- 1-14	6- 9-14	The Home Talk Publishing Company	105 60
			County Clerk, Queens County.	
75453	6- 1-14	6- 8-14	H. Freyknecht	$18 75
			Supreme Courts.	
72679			Davies Brothers, Inc.....	$1,511 25
			Surrogates' Court, New York County.	
77794	5-29-14	6-12-14	Knickerbocker Towel Supply Co.....	$20 00
77795	5-15-14	6-12-14	Thos. A. Glendinning.....	4 00
77796	6- 8-14	6-12-14	Art Metal Construction Co.....	10 75
			Court of Special Sessions.	
77808	39254	6-12-14	New York Telephone Company.....	$339 64
			City Court of The City of New York.	
78641		6-15-14	New York Telephone Company.....	$22 94
			Court of General Sessions.	
77201	6-10-14	6-11-14	The Macey Dohme Co.....	$28 25
			Municipal Courts.	
77295	3-24-14	6-11-14	A. B. Dick Company.....	$33 33
77297	6- 9-14	6-11-14	Herman Glasser	64 00
			District Attorney, New York County.	
78456	5-29-14	6-13-14	Berkshire Springs Co.....	$43 50
78457		6-13-14	The American Law Book Company..	6 50
78458		6-13-14	A. F. Graham	20 00
78459	4-23-14	6-13-14	Graham Chisholm Co.....	12 45
78461			Charles Muller	15 00
78464		6-15-14	Frank F. George	15 00
			District Attorney, Kings County.	
77305	5-31-14	6-11-14	Great Bear Spring Co.....	$5 40
77306	6- 1-14	6-11-14	The Peerless Towel Supply Co.....	11 65
77309		6-11-14	Hall's Photographic Studio.....	27 75
			District Attorney, Richmond County.	
78134		6-13-14	James L. Devlin, M. D.....	$25 00
78136		6-13-14	Henry A. Craig, M. D.....	25 00
78137	5-31-14	6-13-14	Neumann's Garage	32 00
78138	6- 1-14	6-13-14	James E. White, Jr.....	21 00
			Hunter College.	
77393	5- 5-14	6-12-14	O. M. Dawson	$8 53
77394	4-16-14	6-12-14	Parex Mfg. Co.....	26 40
77398	4- 6-14	6-12-14	Underwood Typewriter Co.....	13 00
77559	4-18-14	6-12-14	Dennison Mfg. Co.....	3 05
77560	4- 7-14	6-12-14	The Tablet & Ticket Co.....	5 66
77561	3-18-14	6-12-14	Burroughs, Wellcome & Co.	5 65
77613			Henry Bainbridge & Co.	5 91
77614	4- 8-14. 4-17-14	6-12-14	Krengel Mfg. Co.	5 75
77615	4- 6-14	6-12-14	M. J. Tobin	4 50
78643		6-15-14	Wm. A. Prendergast, Comptroller ...	37
			Department of Correction.	
77260	5-11-14	38313 6-11-14	Lewis DeGroff & Son	$509 32
77261		38304	Anthony Krayer	259 54
77262	5- 9-14	38305 6-11-14	Charles S. Pray	160 05
77263	5-22-14	38306 6-11-14	Service Stores Co.	508 69
77265	5- 8-14	38392 6-11-14	J. V. Farley	297 95
77266	4-14-14	38387 6-11-14	J. F. Herbert	172 31
78560		6-15-14	Frank W. Fox, Warden	3 00
78562	3-31-14	6-15-14	John Hayes, Warden	12 60
78565		6-15-14	Martin J. Moore, Overseer	13 00
78566		6-15-14	Henry O. Schleth, Warden	9 50
78567	3-31-14	6-15-14	R. Rosenbluth	15 00
78568	4-13-14	6-15-14	Wm. Denton, Engineer	80
78569		6-15-14	Hugh McHugh, Keeper	2 75
78570	4-23-14	6-15-14	Eugene McSweeney, Keeper	3 00
78571	3-31-14	1-15-14	Erie Railroad Co.	1 95
78572		6-15-14	Frank W. Fox, Warden	26 95
77589	5-20-14	38387 6-12-14	J. F. Herbert	188 23
77590		37930 6-12-14	National Concrete and Const. Co.	3,782 50
77591		34417 6-12-14	Charles B. Meyers	111 25
78097	5-11-14	6-12-14	Fred Green	7 21
78098	4-18-14	6-12-14	J. F. Herbert	58 50
78102	3-31-14. 4-30-14	6-12-14	P. J. McArdle	145 00
78103	3-31-14. 4-30-14	6-12-14	Smith's Boarding and Livery Stables	120 00
78561	3-31-14	6-15-14	John J. Hanley, Warden	9 25
			Board of Estimate and Apportionment.	
77330	6- 3-14	6-11-14	The Lithoprint Co.	$19 00
77789			Frederick W. Koop	16 71
77790	6- 1-14	6-12-14	J. H. Adamson	2 00
77791	4- 3-14	6-12-14	Keuffel & Esser Co.	24 84
			Commissioners of Estimate and Appraisal.	
78644		6-15-14	Joseph M. Schenck	$500 00
78645		6-15-14	William J. Fawcett	208 33
78646		6-15-14	Richard Miller	125 00
78647		6-15-14	George F. Sweeney	100 00
			Department of Education.	
76536	1-13-14	6-10-14	Charles H. Aitken	$205 56
76537	6- 5-14	6-11-14	Charles H. Aitken	62 59
76538			Charles H. Aitken	47 42
76767	3-25-14	38454 6-11-14	E. Steiger & Co.	294 70
76772	4- 3-14	38454 6-11-14	E. Steiger & Co.	52 00
76789	3-31-14	38454 6-11-14	E. Steiger & Co.	168 00
76792		38474	Standard Oil Co. of New York	267 75
76886	2-24-14	38512 6-11-14	Schoverling, Daly & Gales	82 11
76843	3-12-14	795 6-11-14	Silver, Burdett & Co.	7 60
76864		178	Rand, McNally & Co.	10 00
76866	3- 9-14	110 6-11-14	Silver, Burdett & Co.	139 65
76901	3-17-14	38512 6-11-14	Schoverling, Daly & Gales	12 25
76909	5-29-14	38720 6-11-14	Callaghan & Roulet	198 45
76911	5-28-14	38740 6-11-14	William C. Card	113 40
76914	5-11-14	6-11-14	Jas. J. Cooke & Son.....	118 17
76915	2- 4-14	6-11-14	Geo. W. Cobb, Jr.....	17 63
76916		39223 6-11-14	Louis G. Glantz	786 60
76917		39157 6-11-14	Max Klausner	27 00
76918		39157 6-11-14	Max Klausner	49 16
76921		36367 6-11-14	National Regulator Co.	468 00
76922		36179 6-11-14	John F. Dalton	130 00
76923		37032 6-11-14	Peter Cleary	11,319 21
76924		37632 6-11-14	Standard Regulator Co.	600 00
76925		37920 6-11-14	James MacArthur Co.	12,392 03
76926		38078	Frymier & Hanna Co.	8,474 85
76926		38078 6-11-14	Frymier & Hanna Co.	8,474 85
76927		38905 6-11-14	Charles Williams	1,350 00
76928		38990	A. W. King	1,350 00
77411	3-27-14	6-12-14	Hale Deck Company	97 25
77412	4- 1-14	6-12-14	The Manhattan Supply Co.	7 57
77413	4-11-14	6-12-14	C. H. Browne	124 00
77414			The New Jersey School-Church Fur. Co.	525 00
77445	4- 1-14. 2- 2-14	6-12-14	American Express Co.	3 86
77446	4- 9-14. 2- 5-14	6-12-14	Adams Express Co.	1 86
77447	4- 2-14	6-12-14	Splitdorf Electrical Co. of N. Y.....	19 00
77448	2-20-14	6-12-14	Splitdorf Electrical Co. of N. Y.....	12 00
77450	4-30-14	6-12-14	The Tabulating Machine Co.	88 00
77451	4-21-14. 3-31-14	6-12-14	Remington Typewriter Co.	2 60
77454	4-16-14	6-12-14	The Library Bureau	4 50
77491	4-10-14	6-12-14	George Roach	8 50
77492	4-10-14	6-12-14	Joseph J. Cannon	38 59
77493			J. Wood	9 31
77494	2-21-14	6-12-14	Atlantic Heating & Engineering Co....	10 90
77495	3-31-14	6-12-14	Alexander R. Boyce	5 37
77496	4- 7-14	6-12-14	James Yorkston	7 77
77497	2-25-14	6-12-14	Otto Woehrle	13 22
77498	4- 1-14	6-12-14	Paul C. Taylor	10 75
77499	3- 7-14	6-12-14	T. E. O'Halloran	12 04

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.
77525	4- 6-14	6-12-14	Brooklyn Window Shade Co.	4 64
77526	3-18-14	6-12-14	Evergrip Gliding Caster Co.	4 95
77528	4-13-14	6-12-14	A. Heinrich	5 00
77529	4- 4-14	6-12-14	The Germania Bank, Assignee of H. Sacks	18 58
77530	3-19-14	6-12-14	M. P. Moller	75 00
77531	3-30-14	6-12-14	J. H. Boozer	4 69
77533	3-26-14	6-12-14	The New York & Queens Gas Co.	1 20
77534	3-23-14	6-12-14	Edward Kelly Estate	8 10
77536	3- 3-14. 3-30-14	6-12-14	Geo. F. Falger	15 94
77545	4-15-14	6-12-14	Kellogg Manufacturing Co.	64 50
77565	4- 3-14	6-12-14	Barnett & Brown	55 50
77570			Fred'k Pearce Co.	21 00
77571	3- 9-14	38474 6-11-14	Standard Oil Co. of N. Y.	1,110 90
77572		38545	Jones Packing Co.	75
77575	3-18-14	38517 6-12-14	William Zinsser & Co.	132 00
77577	3-25-14	38467 6-12-14	Barnett & Brown	$375 00
77580	1-28-14	38546 6-12-14	Putnam & Co.	425 35
77581	4- 3-14	38467 6-12-14	Barnett & Brown	6 45
77594			Western Union Telegraph Co.	1 66
77595	10-31-13	6-12-14	Postal Telegraph Cable Co.	5 96
77582	4- 7-14	38522 6-12-14	H. T. Dakin	20 44
77622	3-18-14	38454 6-12-14	E. Steiger & Co.	15 60
77624	3-21-14	653 6-12-14	Ginn & Co.	72 92
77632	3-26-14	783 6-12-14	John Lane Co.	1 70
77633	3-26-14	813 6-12-14	Litle, Brown & Co.	48 00
77634	3-23-14	674 6-12-14	Little, Brown & Co.	76 52
77638	3-24-14	38856 6-12-14	The Macmillan Co.	968 84
77990	3-21-14	6-12-14	Joseph L. Fries	3 91
77993	3-25-14	6-12-14	John Gerrard, Jr.	12 59
77994	3-12-14	6-12-14	William E. Mason	23 18
77995	3-16-14	6-12-14	W. H. Kroepke	25 90
77996	3-10-14	6-12-14	Davis Bros., Inc.	17 25
77997	4- 2-14	6-12-14	D. J. Deady Co.	16 84
77999	3-24-14	6-12-14	Interborough Guarantee Roofing Co.	14 11
78005	3-16-14	6-12-14	John A. O'Brien	7 91
78006	3-21-14	6-12-14	Joseph L. Fries	2 75
78007	3-20-14	6-12-14	Carber & Carber	2 68
78009	3- 3-14	6-12-14	J. D. Johnson Co.	14 47
78010	3-19-14	6-12-14	Albert J. Kelting	22 72
78012	3-16-14	6-12-14	John W. Sands	13 35
78013	3-28-14	6-12-14	R. Solomon & Sons, Inc.	7 43
78014	3-23-14	6-12-14	Eugene Brandt	3 00
78015	4-26-14	6-12-14	W. & C. Sheehan	9 30
78016	3-26-14	6-12-14	H. Fortenbach	2 50
78018	3-16-14	6-12-14	Charles Williams	20 75
78020	3- 7-14. 3-23-14	5-12-14	William Young	18 89
78047		6-12-14	Fred E. Jaeger & Co., Inc.	12 10
78049	3-18-14	6-12-14	Jacob Schneider	16 50
78055	2-10-14	6-12-14	Alfred Whiteley	114 74
78057	11-21-13	6-12-14	Lignum Carpenter Works	47 00
78059	9- 8-13	6-12-14	Godfrey Keeler Co.	17 00
78061	4-16-14	6-12-14	Henry E. J. Schiffer	96 94
78062	8-24-13	6-12-14	Marquard Fay Co.	18 68
78064	4-20-14	6-12-14	Thos. F. Maher	52 43
78065	4-24-14. 4-30-14	6-12-14	Jas. J. Cooke & Son	31 86
78066	3-31-14	6-12-14	Corbett & Co.	15 35
78069	3-17-14	6-12-14	W. A. Leonard	17 14
78070	3-31-14	6-12-14	A. C. Laurence	4 30
78071	3-27-14	6-12-14	Louis Guerr	9 35
78072	4- 1-14. 4- 3-14	6-12-14	A. D. Evertsen Co.	16 98
78068	3-31-14	6-12-14	John A. O'Brien	42 85
78074	4- 9-14	6-12-14	Flanagan, Kramer Co.	22 04
78075		6-12-14	R. Solomon & Son, Inc.	12 39
78076	3-18-14	6-12-14	John W. Sands	25 27
78077	3-30-14	6-12-14	Sundh Electric Co.	16 00
78078	4- 1-14	6-12-14	The United Plumbing & Contracting Co.	20 58
78079		6-12-14	Charles Williams	17 29
78080	4- 6-14	6-12-14	Charles Williams	24 22
78081			A. L. Brasefield, Deputy Superintendent	31 45
78082	4-13-14	6-12-14	American Ornamental Iron Works	8 78
78083	4-10-14	6-12-14	H. Sacks	52 67
78084	4-13-12	6-12-14	American Ornamental Iron Works	7 18
78085	3-23-14	6-12-14	Philp & Paul	15 84
78086	4-16-14	6-12-14	Henry Pearl & Sons Co.	12 25
78087	3-24-14. 3-28-14	6-12-14	Joseph F. Egan	26 18
78088	4- 8-14	6-12-14	D. P. Eldridge	9 45
78089			George R. Gage	9 12
78090	1-31-14	6-12-14	James Guy	4 10
78092	4- 9-14. 4-16-14	6-12-14	Henry Pearl & Sons Co.	54 55
78093	4-14-14	6-12-14	Benjes & Stiefel	46 25
78094	4-13-14	6-12-14	Max Jackel	23 50
78140	4- 9-14	6-13-14	Johnson Service Company	1 50
78144	2- 9-14	6-13-14	W. W. Kimball Company	150 00
78145	2- 9-14	6-13-14	W. W. Kimball Company	150 00
78146	3-19-14	6-13-14	M. P. Moller	75 00
78147	2- 9-14	6-13-14	W. W. Kimball Company	37 50
78148	2- 4-14	6-13-14	N. Cowen's Son	6 26
78150	3- 6-14	6-13-14	John H. Goetchius	7 95
78158	2- 9-14	6-13-14	Kaplan & Weinberg	14 00
78159	3- 7-14	6-13-14	Wm. Klein & Sons	8 00
78162	2-10-14	6-13-14	George Wilson	14 00
78167	4- 8-14	6-13-14	Morris Koplowitz	22 00
78168	4- 6-14	6-13-14	Thomas McKeown	15 00
78169	3-19-14	6-13-14	Henry Pearl & Sons Co.	22 00
78172	4- 1-14	6-13-14	J. Alperin	22 75
78177	4- 9-14	6-13-14	Kaplan & Weinberg	10 95
78178	3-10-14	6-13-14	Lorenzo & Byrns	11 75
78179	4-14-14	6-13-14	Louis Messer	4 50
78180	4-10-14	6-13-14	Moss & Kendall	9 33
78182	4-10-14	6-13-14	Robertson & Conry	11 85
78183	4-16-14	6-13-14	Henry Pearl & Sons Co.	12 48
78187	4- 4-14	6-13-14	William Young	1 70
78188	3-16-14	6-13-14	Automatic Switch Company	1 20
78189	4- 8-14	6-13-14	O. W. Nordstrom	6 14
78190	3-30-14	6-13-14	The Peck Bros. & Co.	7 20
78191	4- 7-14	6-13-14	F. J. McCaragher	24 01
78193	3- 3-14. 3-17-14	6-13-14	J. D. Johnson Co.	60 23
78194	4-11-14	6-13-14	H. Fortenbach	2 10
78195	3-20-14	6-13-14	Edward D. Fox	14 27
78197	4-18-14	6-13-14	R. Solomon & Son, Inc.	9 28
78198	4-13-14	6-13-14	Albro J. Newton Company	22 68
78200	4- 6-14	6-13-14	Edward Stapleton	8 47
78203	3-27-14	6-13-14	Samuel Gallucci	8 00
78206	4- 8-14	6-13-14	Frank Kiebitz	9 50
78208	4- 1-14	6-13-14	H. Gordon	19 40
78210	3-28-14	6-13-14	J. Weiss	8 00
78211	4- 1-14	6-13-14	H. Groswald	17 25
78214	4-13-14	6-13-14	H. Hanig	16 50
78215	3-30-14. 4- 4-14	6-13-14	Louis Imershein	16 45
78216	4- 9-14	6-13-14	Jacob D. Ausenberg	11 90
78217	4- 4-14. 4- 6-14	6-13-14	Brooklyn Window Shade Co.	34 25
78218	1-20-14	6-13-14	I. Rader	22 75
78219	4- 3-14. 4- 7-14	6-13-14	A. Itzkowitz	29 00
78220	3-10-14. 4- 6-14	6-13-14	Hanson & Kalmus	30 50
78221	4- 2-14	6-13-14	L. E. Atherton	5 70
78228	3- 4-14	6-13-14	Delaney Bros.	20 00
78229	3-30-14	6-13-14	Parker & Cooley	16 00
78230	3-30-14	6-13-14	Joseph W. O'Brien	18 00
78310	5- 7-14	38799 6-13-14	The Universal Co.	470 25
			Department of Finance.	
76675	5-29-14	6-10-14	The Globe-Wernicke Co.	$38 00
76676		6-10-14	The Tabulating Machine Co.	70 00
77804		4-12-14	Frederick H. E. Ebstein, Receiver of Taxes	860 70
78118		6-13-14	The National City Bank of N. Y.	250,000 00
78119		6-13-14	Guaranty Trust Co. of New York	100,000 00
78120		6-13-14	Guaranty Trust Co. of New York	250,000 00
78121		6-13-14	Guaranty Trust Co. of New York	500,000 00
78262		6-13-14	Rebeca A. Lane	127 13
78263		6-13-14	A. J. Dimmerling	61 40
78265			George Gerhardt	12 00
78266			DeWitt C. Abrams	15 00
78267			Edmund G. Joseph	12 00
78296		6-13-14	George Roan and Alexander R. Stevenson	2 54
78624			George H. Parshall	450 00
78625			Henry Lieb	75 00
78626			Mary E. Campbell and others; Adrian T. Kiernan, agent	94 79
78627			Edward R. Andrews, trustee	333 33
78628			Central Syndicate Building Co.; D. Birdsall & Co., agents	333 33
78649		6-15-14	Gantio Alexander	13 00
78650		6-15-14	Edward Cassin	13 00
78923			Goldman, Sachs & Co.	611,000 00
78924			Goldman, Sachs & Co.	464,407 50
78925			Goldman, Sachs & Co.	611,000 00
78926			Goldman, Sachs & Co.	244,492 50
78927			Goldman, Sachs & Co.	122,212 50
78928			Heidelbach, Ickelheimer & Co.	733,500 00
78929			Bernhard, Scholle & Co.	1,466,850 00
78962		6-16-14	Seton Falls Realty Co., Inc.	82,500 00
			Fire Department.	
76326	4- 4-14	36104 6- 9-14	Mount Carmel Iron Works	$1,268 35
76327	5-16-14	38381 6- 9-14	Frank J. Lennon Co.	2,420 33
76328	5-19-14	38586 6- 9-14	Borough Hay and Grain Co.	2,446 28
76934	5- 5-14	6-11-14	Powers & Vanderpool	50 00
76936	5- 4-14	6-11-14	Levy Bros.	40 00
76943	5-25-14	6-11-14	H. T. Dakin	266 65
76947	5-22-14	6-11-14	S. F. Hayward & Co.	86 75
76949	5- 8-14	6-12-14	Art Metal Construction Co.	23 40
76957	5-22-14	6-11-14	John Oliver	68 30
76968		6-11-14	Balfour & Koch Co.	96 26
76972	1-31-14	6-11-14	The Pittsburgh Plate Glass Co.	37 00
77809		6-12-14	Olin J. Stephens, Inc.	5 50
77810	5-21-14	6-12-14	Crown Stamp Works	10 40
77811	5-29-14	6-12-14	Dominick Sardina	2 00
77812	5-13-14	6-12-14	American Multigraph Sales Co.	14 75
77813	5-31-14	6-12-14	Elberon Hygeia Ice Co.	3 20
77814	6- 1-14	6-12-14	M. J. Rabbitt	10 00
77815	5-20-14	6-12-14	Tower Manufacturing & Novelty Co.	75
77816	5-25-14	6-12-14	Lowe Motor Supplies Co.	1 50
77818	5-28-14	6-12-14	The O. M. Edwards Co., Inc.	57 00
77822	5-20-14. 5-22-14	6-12-14	The Laidlaw Co., Inc.	50 00
77823	5-16-14	6-12-14	Cornelius Ten Eick, Inc.	10 00
77824	6-12-14	6-12-14	Buick Motor Co.	2 15
77826			J. H. Bunnell & Co.	24 10
77827	5-29-14	6-12-14	Eureka Pneumatic Spray Co.	35 00
77828	6- 1-14	6-12-14	A. C. Rowe & Son	2 40
77829	6- 3-14	6-12-14	Continental Can Co., Inc.	16 25
77830	6- 1-14	6-12-14	Clarence L. Smith Co.	7 00
77831	5-28-14	6-12-14	The Gramm Service Corporation, Inc.	515 25
77832	6- 2-14	6-12-14	Livingston Radiator & Mfg. Co.	6 25
77833	6- 1-14	6-12-14	Bosch Magneto Co.	95
77834	5-27-14	6-12-14	Remington Typewriter Co.	60
77835	4-30-14	6-12-14	Edgar P. Reynolds	13 45
78394		6-13-14	Joseph O. Hammitt, Chief, Bureau of Fire Prevention	36 30
78395		6-13-14	William F. Doyle, Veterinarian in Charge, Division of Horses	16 06
78396		6-13-14	Christian C. Schlottmann, Captain in Charge of Repair Shops	6 80
78397		6- 9-14	Alphonse J. Dodin, Veterinarian in Charge, Division of Horses	17 60
78398		6-13-14	William S. Connell, detailed in charge, Division of Buildings	39 25
78399		6-13-14	New York Fire Department Relief Fund, Robert Adamson, Fire Commissioner, as Trustee and Treasurer	59 38
			Department of Health.	
76224	4- 8-14	6- 9-14	American Metal Weather Strip Co.	$800 00
77258		34556 6-11-14	Altrades Building Repair Co.	2,633 76
76267	5- 9-14	5-14-14	Agent and Warden of Auburn Prison.	68 30
76582		33887 6-10-14	Colon & Hartnett	15,094 25
78045	5- 7-14	6-12-14	Sutphen & Myer	12 35
			Commissioner of Jurors.	
78051	6- 6-14	6-12-14	M. B. Brown Printing & Binding Co.	$23 25
			New York Public Library.	
78393	6-11-14	6-13-14	The New York Public Library, Astor, Lenox and Tilden Foundations	$39,494 94
			Law Department.	
76652		6-10-14	Harry W. Wood	$153 00
76669	6- 1-14	6-10-14	M. Rosenfeld	38 00
76670	6- 2-14	6-10-14	Norman L. Coe & Son	2 00
78185	6- 1-14	6-13-14	John H. Murphy	2,389 50
			The Mayoralty.	
77800		6-12-14	Fred W. Tighe	$46 60
77801		6-12-14	Joseph Hartigan, Commissioner	47 15
77802		6-12-14	Joseph Hartigan, Commissioner	93 43
			Department of Parks, Boroughs of Manhattan and Richmond.	
76532		6-10-14	C. F. Mentzinger's Son	$25 00
77206	6- 9-14	34418 6-11-14	Geo. F. Driscoll Co.	900 00
78316	5-16-14	6-13-14	The H. B. Smith Co.	3 18
78317	5-14-14	6-13-14	American Can Co.	22 03
78318	6- 1-14	6-13-14	Neal & Brinker Company	14 25
78319	4- 7-14. 6- 2-14	6-13-14	Department of Correction	77 70
78320	5- 9-14	6-13-14	Standard Oil Co. of N. Y.	398 00
78321	6- 1-14	6-13-14	The Atlas Portland Cement Co.	179 00
78322	5-29-14	6-13-14	Froment & Co.	46 83
78323	5-15-14	6-13-14	Stanley & Patterson	5 16
78324	5-28-14	6-13-14	Bruce & Cook	11 75

Finance Voucher No.	Invoice Dates or Contract Number.		Received in Department of Finance.	Name of Payee.	Amount.
78326	5-31-14		6-13-14	Thomas J. Fenley	31 00
78327	5-31-14		6-15-14	Centadrink Filters Co., Inc	6 48
7833[illegible]	5-25-14		6-15-14	Manhattan Hardware	14 00
78332				Geo. H. Storm & Co	85 85
78334	5-29-14		6-13-14	Armstrong Cork Co	231 00
78335	5-29-14		6-13-14	Expanded Metal Engineering Co	225 72
78339	5- 9-14		6-13-14	Stewart & Widder	259 94
				Police Department.	
76604	5-15-14		6-10-14	Herman Kramer	285 30
77044	5-19-14	38702	6-11-14	Frank J. Lennon Co	1,198 40
77314	5-22-14		6-11-14	A. Pearson's Sons	40 00
77648	5- 7-14		6-12-14	J. D. Johnson Co	3 65
77649	5-28-14		6-12-14	Strauss & Co	17 75
77650	5-27-14		6-12-14	The Weiss & Klau Co	14 50
77652			6-12-14	James S. Barron & Co	150 46
77655	5-27-14		6-12-14	Artistic Sheet Metal Works	31 20
77656	5-28-14		6- 2-14	M. Magee & Son	53 50
77665	5-22-14		6-12-14	Agent and Warden of Auburn Prison	66 60
77672	5-22-14		6-12-14	Cota Piston Ring Corporation	18 00
77673	5-22-14		6-12-14	Herman Kramer	9 00
77676	5-18-14		6-12-14	Union Decorating Badge & Banner Co.	105 00
77679	5-25-14		6- 2-14	Dennison Mfg. Co.	1 05
77680	4-25-14	39188	6-12-14	Thos. C. Dunham Inc	521 95
7823[illegible]	5-22-14		6-13-14	Martin J. Sheridan	29 75
7823[illegible]	5- 2-14		6-13-14	Francis J. Smith	1 90
78236	5- 1-14		6-13-14	Mary A. Sullivan	1 45
78237	3- -14.	4- -14	6-13-14	Charles A. Wagner, Lineman	17 95
78238	5- 2-14		6-13-14	Edward Walsh	2 91
78239				William Whitty	15 00
78240	5- 5-14		6-13-14	Nathan Whitman	9 80
78241	4-30-14		6-13-14	Postal Telegraph Cable Co	9 00
78242	4-30-14		6-13-14	Postal Telegraph Cable Co	2 35
78243	5-14-14		6-13-14	The Western Union Telegraph Co	137 02
78244	5- 1-14		6-13-14	The Western Union Telegraph Co	5 97
78341	6- 1-14		6-13-14	Peter Dressel	1 00
78343	5- 2-14		6-13-14	James J. Argenza	1 90
78344	5- 5-14		6-13-14	George M. Bilaffer	3 70
78345	5- 1-14		6-13-14	Louis Bruggemann	3 20
78346	5- 1-14		6-13-14	Louis J. Campomenosi	5 35
78347	5-14-14		6-13-14	Frank A. Campbell	2 20
78348	4-16-14		6-13-14	Thomas J. Cantwell	4 00
78349	5- 6-14		6-13-14	Joseph Caracciolo	5 85
78350	4-24-14		6-13-14	Edward Castano	4 26
78351	5- 1-14		6-13-14	Henry J. Coleman	1 25
78352	5- 4-14		6-13-14	Donato Cavone	1 85
78353	5- 1-14		6-13-14	Irving G. Crocheron	2 65
78354	5- 1-14		6-13-14	George C. Cunningham	2 00
78355	5- 6-14		6-13-14	Pasquali Damiano	5 80
78356	5- 6-14		6-13-14	John J. Deane	7 15
78357	3-31-14.	4-30-14	6-13-14	Michael J. Doherty	13 65
78358			6-13-14	Richard E. Enright, Lieutenant	79 41
78359	5- 2-14		6-13-14	John J. Eller	3 91
78360	4-29-14		6-13-14	Michael Fiaschetti	41 75
78361	5- 4-14		6-13-14	Morris Friedlander	9 25
78362	5- 6-14		6-13-14	Wm. J. Frohmhoefer	6 50
78363			6-13-14	Francis M. Gallagher	30 15
78364	5- 6-14		6-13-14	David J. Gandolfi	7 30
78365	3-31-14.	4-30-14	6-13-14	Peter J. Higgins	17 65
78366	5- 1-14		6-13-14	William C. Hildebrandt	6 10
78367	5- 2-14		6-13-14	Felix F. Hoffmann	10 00
78368	5- 5-14		6-13-14	Raphael A. Holwell	1 60
78369	6- 1-14		6-13-14	William L. Ihnken	12 75
78370	5-26-14		6-13-14	John J. Kelly	19 74
78371				Gottlieb Kurtz, Lineman	21 99
78372	5- 1-14		6-13-14	John S. Lewis	30
78373	5- 1-14		6-13-14	John S. Lewis	85
78374	5- 5-14		6-13-14	Max Lowe	9 70
78375	4-22-14		6-13-14	John F. Manning	86 10
78376	4-24-14		6-13-14	Edward J. Markey	6 83
78377	5- 5-14		6-13-14	Harry H. Marks	3 00
77645	5-29-14		6-12-14	W. C. Davis Co., Inc	150 00
77647	5-28-14		6-12-14	M. Magee & Son	4 00
77653	4-16-14		6-12-14	P. J. Langler	664 40
77654				Hull Grippen & Co	15 50
77657	5-22-14		6-12-14	Dill & Collins Co	13 60
77658				The Seymour Co	3 65
77659	5-25-14		6-12-14	Joseph I. Grady, Inc	15 00
77660	5-24-14		6-12-14	The Geo. H. Tyrrell Co	1 25
77661	5- 1-14		6-12-14	High Grade Oil Refining Co. of N. Y.	107 50
77662	5-25-14		6-12-14	Fallon Law Book Co	6 30
77663	2-22-14		6-12-14	Fallon Law Book Co	3 60
77664	5-25-14		6-12-14	Conner Fendler & Co	16 43
77666	5- 5-14		6-12-14	H. T. Dakin	404 88
77667	5-20-14		6-12-14	Knickerbocker Supply Co	602 91
77668	5- 4-14		6-12-14	Colonial Works	214 88
77669	5- 7-14		6-12-14	Hammacher Schlemmer & Co	6 20
77670	5- 8-14		6-12-14	John Lucas & Co., Inc	5 25
77671	5-23-14		6-12-14	N. Langler & Sons	631 50
				President of the Borough of Manhattan.	
69873				United States Wood Preserving Co	$1,301 77
69874	4-30-14		5-26-14	United States Wood Preserving Co	544 52
69887	4-30-14		5-26-14	Harlem Contracting Company	367 70
75169	5-25-14	29325	6- 8-14	The Barber Asphalt Paving Company	344 36
76307	4-30-14.	5-21-14	6- 9-14	Department of Correction	97 20
76333	5- 8-14		6- 9-14	Nytanday Letter & Design Co., Inc	227 29
77270		38298	6-11-14	Uvalde Contracting Co	2,138 89
77271		38273	6-11-14	Uvalde Contracting Co	3,189 60
77272		38299	6-11-14	Harlem Contracting Co	10,500 60
77274		38576	6-11-14	The Sicilian Asphalt Paving Co	481 78
77275		37806	6-11-14	Uvalde Contracting Co	2,380 75
77276	6- 2-14	26415	6-11-14	Uvalde Asphalt Co	26 53
77277	6- 2-14	27826	6-11-14	The Sicilian Asphalt Paving Co	235 29
77278	6- 2-14	29330	6-11-14	The Barber Asphalt Paving Company	168 18
77280			6-11-14	William A. Prendergast, Comptroller of The City of New York, Trustee for Account of Street Opening Fund	1,771 37
77729	6- 3-14			Yorkville Central Garage	20 00
77729	6- 3-14		6-12-14	Yorkville Central Garage	20 00
77731	6- 1-14		6-12-14	W. C. Wilson	6 70
77732	6- 8-14		6-12-14	Remington Typewriter Company	2 65
77733	6-10-14		6-12-14	The New York Law Journal	7 00
77926			6-12-14	Tower Manufacturing & Novelty Co	27 02
77927	4-20-14		6-12-14	The Lithoprint Co	102 82
77929	3-31-14.	4-30-14	6-12-14	F. W. Devoe & C. T. Raynolds Co	7 08
77930	4-30-14		6-12-14	Nason Manufacturing Co	105 32
77931	3-31-14.	4-30-14	6-12-14	Patterson Brothers	139 33
77933	3-31-14		6-12-14	Patterson Brothers	23 94
77934	2-28-14.	4-30-14	6-12-14	Manhattan Electrical Supply Co	46 16
77734			6-12-14	Alfred Ludwig, Superintendent	132 70
77935	2-28-14		6-12-14	Manhattan Electrical Supply Co	5 45

Finance Voucher No.	Invoice Dates or Contract Number.		Received in Department of Finance.	Name of Payee.	Amount.
77937	5-25-14.	6- 2-14	6-12-14	Republic Construction Company	119 01
77939	5- 9-14		6-12-14	Geo. A. Dugan Co	190 21
77942	5-20-14		6-12-14	Uvalde Contracting Co	19 77
77943	5-15-14		6-12-14	Matthew J. Sullivan	10 00
77946	5-27-14		6-12-14	Harlem Contracting Company	69 15
				President of the Borough of The Bronx.	
75024	5-31-14		6- 8-14	H. G. Silleck, Jr	92 69
77332	6- 6-14	34329	6-11-14	J. B. Malatesta	3,379 60
77333	5-15-14	39175	6-11-14	The Hastings Pavement Co	2,911 88
77334	5-26-14	39248	6-11-14	The Asphalt Construction Company	2,740 18
77342		38627	6-11-14	J. Di Menna	2,184 08
77343		37167		Fieldston Contracting Company, Assignee of Ames Transfer Co	5,158 65
77347	5-26-14	39248	6-11-14	The Asphalt Construction Company	82 47
77908	6- 5-14		6-12-14	Warner-Quinlan Asphalt Company	9 00
77949	6- 1-14		6-12-14	Gramatan Spring Water Co	45 00
77950	5-31-14		6-12-14	Indian Refining Company, Inc	3 40
77951	6- 1-14		6-12-14	Manning, Maxwell & Moore, Inc	17 00
77952	5-31-14		6-12-14	The New York Multi-color Copying Co.	1 95
77953	1- 1-14		6-12-14	P. M. Lynch	25 56
77954	6- 4-14		6-12-14	The Burnet Company	32 50
77955	6- 2-14		6-12-14	New York Ladder Company	12 30
77957	4-15-14		6-12-14	Revolute Machine Company	326 00
77958	5-22-14		6-12-14	Underwood Typewriter Co., Inc	17 80
77959	6-10-14		6-12-14	A. B. Dix Company	2 00
77960	5-19-14		6-12-14	E. Schoonmaker Co	46 90
77963	5-27-14		6-12-14	Church E. Gates & Co	216 86
77964				Tremont Hardware Company, Inc	26 49
77966	5-26-14		6-12-14	The Asphalt Construction Company	139 85
77968	5-29-14		6-12-14	The Barber Asphalt Paving Co	60 00
77967	5-26-14		6-12-14	Leahy Contracting and Const. Co	56 32
77969	5-29-14		6-12-14	The Hastings Pavement Co	33 60
77970	5-31-14		6-12-14	A. Hoebermann	82 37
77971	6- 4-14		6-12-14	Tremont Auto and Carriage Works	6 00
77972	5-18-14		6-12-14	Arthur T. Cerrute	10 00
77974				F. E. Ergood	20 00
77975	5-31-14		6-12-14	D. Shapiro	15 65
78497			6-15-14	Dr. H. Amling	9 00
				President of the Borough of Brooklyn.	
74980		39102	6- 6-14	The Manhattan Supply Co	$983 40
76392	5-31-14		6- 9-14	Sweeney & Nail Auto Co	82 62
76677	5- 8-14	39413	6-10-14	The Barber Asphalt Paving Co	4,867 50
76684		38609	6-10-14	B. Picone & Son	2,113 04
76685		38136	6-10-14	Mutual Construction Co	275 27
76708	6- 2-14		6-10-14	Philipp Dinger	25 50
77311	5-28-14		6-11-14	C. D. Durkee & Co	83 10
77313	5-18-14		6-11-14	The Macey-Dohme Co	48 00
77315	5-25-14.	5-29-14	6-11-14	Shaw-Walker Co. of New York	104 00
77316	5-15-14.	5-21-14	6-11-14	P. W. Taylor	15 00
77317	5-16-14		6-11-14	Underwood Typewriter Co., Inc.	15 00
77318	5-19-14.	5-25-14	6-12-14	Abraham & Straus	15 92
77319	6- 1-14		6-11-14	Cropsey & Mitchell	76 95
77320	5-29-14		6-11-14	C. W. Keenan	45 22
77321	5-30-14		6-11-14	Pete Bjurberg	33 85
77322	5-26-14		6-11-14	J. Krauss & Co.	2 00
77323	5-27-14		6-11-14	M. P. C. Co., Inc.	51 45
77324	6- 1-14		6-11-14	Daniel A. Maher	3 25
77325	5-11-14		6-11-14	Park Slope Stables; John Roselle, proprietor	31 02
77326	5-20-14		6-11-14	Joseph Friedenberg	1 26
77327	6- 3-14		6-11-14	A. B. Dick Co.	7 60
77328	5-18-14		6-11-14	Van Brunt Tandy	74 20
77346	5-22-14	39175	6-11-14	The Hastings Pavement Co	510 33
77348	5-31-14	38923	6-11-14	John P. Taaffe	642 77
77349	6- 5-14	38761	6-11-14	Saverno Products Co., Inc.	347 16
77350		37361	6-11-14	Arthur Wright	3,451 00
78426		35994	6-13-14	John J. Creem Co.	19,699 30
78428		38265	6-13-14	A. L. Guidone & Co.	14,945 47
78429		34811	6-13-14	Seaboard Construction Co.	6,305 47
78435	5-14-14		6-13-14	Ottawa Silica Co.	14 91
78436	5-23-14		6-13-14	The Texas Co.	20 88
78437	4-16-14		6-13-14	The Austin-Western Road Machinery Co.	20 00
78438	5-19-14		6-13-14	H. & B. Auto Sales Co.	11 00
78439	5-22-14		6-13-14	H. & B. Auto Sales Co.	23 19
78440	5-11-14		6-13-14	Hardware and Supply Co.	383 40
78441	5-21-14		6- 3-14	William T. Allen	27 50
78442	5-29-14		6-13-14	William T. Allen	220 00
78443	6- 1-14		6-13-14	Brighton Stables	82 50
78444	6- 1-14		6-12-14	Owen Drum	31 00
78445	6- 1-14		6-13-14	Charles T. Holliday	17 75
78446	6- 1-14		6-13-14	Daniel A. Maher	5 50
78447	6- 1-14		6-13-14	Daniel A. Maher	39 75
78448	6- 1-14		6-13-14	Charles G. Moser	55 00
78449	6- 1-14		6-13-14	N. P. Nielsen	22 00
78450	6- 1-14		6-13-14	P. H. Powers & Son	137 50
78451	6- 1-14		6-13-14	Union League Stables	165 00
78452	6- 5-14		6-13-14	High Grade Oil Refining Company	4 15
78454	6- 6-14		6-13-14	Philipp Dinger	18 00
78499			6-15-14	R. E. Waters, D. V. S	7 75
78731			6-15-14	John W. Sparks, Clerk	18 75
				President of the Borough of Queens.	
71389	5-12-14		5-28-14	Cavanagh Bros. & Co	$18 24
76188	5-14-14		6- 9-14	A. Pearson's Sons	217 75
				President of the Borough of Richmond.	
76355	4-13-14		6- 9-14	Schrader Bros. Co	$22 00
76359	5- 1-14		6-13-14	Verdon & Co	27 69
77289	6- 1-14	38152	6-11-14	Edward Wisely & Son	770 35
77290		37543	6-11-14	Concord Construction Co	1,800 52
				Public Service Commission.	
76729	6- 8-14	39001	6-10-14	Degnon Contracting Company	$314 54
76730	6- 8-14	38422	6-10-14	The Degnon Contracting Company	2,770 17
76732	6- 9-14	34476	6-10-14	Arthur McMullen & Hoff Company, Assignee of Arthur McMullen & Olaf Hoff	257,107 79
				Department of Public Charities.	
75681				Western Electric Company	$36 20
77742	6- 1-14	38202	6-12-14	Jacob Boss	2,338 27
77743	6- 2-14	38361	6-12-14	Burton & Davis Co	11 40
77744	5- 8-14	38643	6-12-14	John Bellmann	7 14
77746	4- 2-14	38193	6-12-14	Conron Bros. Company	1,605 45
77750	5-29-14	38191	6-12-14	The Fleischmann Co	187 20
77752	4-30-14	38490	6-12-14	Samuel E. Hunter	4 79
77753	5-30-14	38489	6-12-14	Leo Hamburger	245 28
77754	2-28-14	38492	6-12-14	Robt. P. Lawless	39 75
77755	5-30-14	38491	6-12-14	Robt. P. Lawless	1,024 88
77757	5-27-14	39239	6-12-14	Francis H. Leggett & Co	44 91
77758	5-11-14	38370	6-12-14	The Manhattan Supply Co	152 40
77759	4-30-14	38187	6-12-14	McDermott Dairy Co	13 30
77760	4-30-14	38190	6-12-14	A. Silz, Inc	11 48
77761	4-30-14	38199	6-12-14	James T. Smith, Inc	15 05

Finance Voucher No.	Invoice Dates or Contract Number.		Received in Department of Finance.	Name of Payee.	Amount.
77763	5-31-14	38195	6-12-14	Strauss Bros.	1,779 13
77765	4- 1-14	38200	6-12-14	Westchester Fish Co., Inc.	182 29
77766	5- 5-14	38369	6-12-14	Washburn Crosby Co.	61 44
77768	5- 8-14	38360	6-12-14	John Bellmann	59 60
77774	5-13-14	39060	6-12-14	J. M. Gottesman	614 01
77775	4-11-14	39061	6-12-14	The Manhattan Supply Company	789 82
77778	5- 5-14	38591	6-12-14	General Naval Stores Co., Inc.	24 51
77779	5-25-14	38493	6-12-14	Arthur C. Jacobson & Sons	171 05
77780	5-19-14	39019	6-12-14	The Manhattan Supply Company	95 27
77837			6-12-14	Department of Correction	337 50
77838			6-12-14	Mrs. Mary E. Greene	100 00
77840	5-12-14	5-21-14	6-12-14	Candee Smith & Howland Co.	136 50
77842	5-16-14		6-12-14	The Knickerbocker Supply Company	40 00
77844	5-21-14		6-12-14	Frederick Starr Contracting Co.	265 67
77845	4- 6-14		6-12-14	L. S. Gimbel	8 28
77846	4-22-14		6-12-14	Jaburg Brothers	4 80
77848	4-18-14		6-12-14	James A. Miller	8 76
77849	5- 5-14		6-12-14	H. T. Dakin	55 65
				Sheriff, New York County.	
78387			6-13-14	Julius Harburger	$8 17
78401	5-27-14		6-13-14	Jacob Meyers	1 00
78402			6-13-14	Theo. Moss & Co.	75
78403	5-31-14		6-13-14	American Distilled Water Co.	21 00
78404			6-13-14	Max S. Grifenhagen, Sheriff	50 00
78405	5-30-14		6-13-14	Robert P. Lumley	16 00
78406	6-10-14		6-13-14	Henry Kastens	1 00
78407	5-29-14		6-13-14	Knickerbocker Towel Supply Co.	11 50
78408	5-31-14		6-13-14	Knickerbocker Ice Co.	2 08
78409	5-15-14		6-13-14	John F. Stanley	1 50
78410	6- 1-14		6-13-14	H. Walker	3 95
78411			6-13-14	Greenhut-Siegel Cooper Co.	3 34
78412	6- 1-14		6-13-14	D. F. Corker	6 65
78413	5-31-14		6-13-14	Knickerbocker Ice Co.	2 49
78414				Max S. Grifenhagen, Sheriff, New York County	166 18
78415				Max S. Grifenhagen	5 83
78416		39258	6-13-14	New York Telephone Co.	91 89
78417		39258	6-13-14	New York Telephone Co.	4 71
78418		39258	6-13-14	New York Telephone Co.	89 55
78419				Greenhut-Siegel Cooper Co.	54 34
78420				Fred Luhring	17 36
78421	5-31-14		6-13-14	Franco-American Baking Co.	12 19
78422	5-31-14		6-13-14	Kasper & Nelke	60 00
78423	6- 1-14		6-13-14	Wm. Cleary & Son	11 00
				Sheriff, Bronx County.	
29542	2-14-14		3- 6-14	Adams, Flanagan Co.	$751 02
29545	2-14-14		3- 6-14	Adams, Flanagan Co.	743 36
68716	4- 9-14		5-25-14	Eblings Casino	21 75
73869	5-25-14		6- 4-14	Eblings Casino	12 80
				Sheriff, Kings County.	
78472	5-31-14		6-15-14	Great Bear Spring Co.	$4 80
78473	5-31-14		6- 5-14	C. P. Carrington	1 75
78474			6-15-14	Hugo Herdt, Assistant Deputy Sheriff.	9 70
78500			6-15-14	Harry C. Harris, M. D.	23 25
				Department of Street Cleaning.	
77362	5-28-14	39129	6-11-14	Frank J. Lennon Co.	$4,618 22
77363	5-31-14	39130	6-11-14	Thomas Lenane	16,670 83
77364	5-20-14	38707	6-11-14	Fiss, Doerr & Carroll Horse Co.	3,420 00
77365	6- 1-14	17422	6-11-14	Edward Holland & Co.	880 00
77712	5- 5-14		6-12-14	The J. W. Pratt Co.	3 00
77713	6- 1-14		6-12-14	Nicholas Sabino	3 99
77714	5- 1-14		6-12-14	Bedford Auto Garage	47 60
77721	1-29-14.	5-22-14	6-12-14	Agent and Warden of Sing Sing Prison	1,087 50
77725				Department of Correction	3,550 00
77726	3-17-14		6-12-14	Department of Correction	1,750 00
77807		39105	6-12-14	Riverside Contracting Co.	1,153 00
78106	4-27-14		6-12-14	Department of Correction	2,877 00
78107	5-27-14		6-12-14	Greenlie Halliday Co.	164 00
78109	3-23-14		6-12-14	A. G. Spalding & Bros.	492 00
87110	5-25-14		6-12-14	J. D. Johnson Co.	11 32
78111	5-27-14		6-12-14	E. F. Keating Co.	11 34
78112	3-16-14		6-12-14	Lehn & Fink	5 52
78113	4-28-14		6-12-14	The Sherwin Williams Co.	71 04
78114	5-29-14		6-12-14	The Industrial Christian Alliance	9 25
78115	4-30-14		6-12-14	Municipal Garage	20 00
78116				O'Brien Bros., Inc.	570 00
78117	5-16-14		6-12-14	Leary & Co.	592 59
78502			6-15-14	The Relief and Pension Fund of the Department of Street Cleaning, J. T. Fetherston, Commissioner, as Treas. and Trustee	264 22
78503			6-15-14	The Relief and Pension Fund of the Department of Street Cleaning, J. T. Fetherston, Commisisoner, as Treas. and Trustee	2,049 48
78504			6-15-14	The Relief and Pension Fund of the Department of Street Cleaning, J. T. Fetherston, Commisisoner, as Treas. and Trustee	1,031 34
				Board of Water Supply.	
77367		39261	6-11-14	New York Telephone Co.	$125 00
77369	5-31-14	25609	6-11-14	Keystone State Construction Co.	41,512 14
77370	6- 1-14	25421	6-11-14	MacArthur Brothers Co.	5,800 00
77371	6- 1-14	37240	6-11-14	State Highway Construction Co.	47,941 88
77642	6- 5-14	25419	6-12-14	Jules Breuchaud	20,892 46
77643		34403		Ward & Tully, Inc.	3,751 65
				Department of Water Supply, Gas and Electricity.	
72932	5-27-14		6- 2-14	President of the Borough of Richmond	$100 00
76285		39046	6- 9-14	Graton & Knight Mfg Co.	528 91
76286		39104	6- 9-14	Paino Brothers, Assignees of George A. Everett	4,852 84
77207	5-19-14		6-11-14	Knickerbocker Supply Co.	12 00
77208	5-25-14		6-11-14	Robert N. Dickinson	1 75
77210				The Standard Scale & Supply Co.	27 00
77211				Library Bureau	251 00
77212	4-30-14		6-11-14	Walworth Manufacturing Co.	47 24
77213				Alfred Chatwin Supply Co.	50 25
77215	5-26-14		6-11-14	Tirrill Gas Machine Lighting Co.	12 65
77216	4-24-14		6-11-14	The Babcock & Wilcox Co.	6 00
77217	5- 1-14		6-11-14	George Trapp	34 70
77218	5- 8-14		6-11-14	The Hastings Pavement Co.	6 00
77219			6-11-14	Carpenter's Livery	93 50
77221			6-11-14	I. R. Butler Arnow	30 00
77222	6- 1-14		6-11-14	E. Belcher Hyde	15 00
77223	6- 3-14		6-11-14	Adams, Flanigan Co.	15 00
77224	5-22-14		6-11-14	E. Belcher Hyde	160 00
77225	5-10-14		6-11-14	Robert J. Mackey	15 00
77227				E. G. Ruehle & Co.	66 13
77228	5-29-14		6-11-14	Firestone Tire & Rubber Co	36 86
77229	4-24-14		6-11-14	Firestone Tire & Rubber Co	37 74
77230	4-30-14		6-11-14	Eddy Valve Co.	9 00
77233	5-15-14		6-11-14	Uvalde Asphalt Paving Co.	3 25
77254	5- 4-14		6-11-14	Weber & Hamilton	4 68
77255	12-19-13		6-11-14	The Standard Meter Co.	3 25
77256	1-23-14		6-11-14	The Standard Meter Co.	8 95
77910	12-31-13	35528	6-12-14	Edison Elec. Illuminating Co. of Bklyn.	3,129 64
77911	12-31-13	35528	6-12-14	Edison Elec. Illuminating Co. of Bklyn.	330 08
77913		38529	6-12-14	Pattison & Downs	5,708 50
77915	5- 4-14	39426	6-12-14	High Grade Oil Ref. Co.	189 15
77919		39513	6-12-14	Louis D. Gregory	1,244 79
77923	5-15-14	38777	6-12-14	New York Belting & Packing Co., Final	242 02
78268			6-13-14	P. Pederson	24 90
78269			6-13-14	A. J. Balaban	17 72
78270			6-13-14	F. & B. Construction Co.	12 96
78271			6-13-14	Adelaide F. Lalor	1 00
78272			6-13-14	Maud M. Rendall	12 03
78273			6-13-14	Otilla C. Schull	22 68
78274			6-13-14	John C. Graul	11 90
78275			6-13-14	Lillie Keller	5 00
78276			6-13-14	Santiago P. Cahill	13 00
78277			6-13-14	Receiver of Taxes	12
78278			6-13-14	Grace May	2 00
78279			6-13-14	Theresa Seagrist	17 15
78280			6-13-14	Hugh Bond Gowanus Towing Co.	8 95
78281			6-13-14	Patrick McAllister	5 42
78282				Charles Ball	2 67
78283			6-13-14	Michael Cohn	2 37
78284			6-13-14	Macomb G. Foster	22 00
78285			6-13-14	Charles C. Bull, Trustee for A. B. Harris, under the Will of William V. Brady	21 00
78286			6-13-14	Sarah Taub	1 75
78287			6-13-14	Metropolitan Savings Bank	30 00
78288			6-13-14	Metropolitan Savings Bank	29 25
78289			6-13-14	Hensle Construction Company	30 00
78290			6-13-14	Ardsley Garage Co.	10 50
78291			6-13-14	Ardsley Garage Co.	51 75
78292			6-13-14	Ardsley Garage Co.	6 75
78293			6-13-14	Ardsley Garage Co.	6 75
78294			6-13-14	Delia E. Brogan	10 00
78295			6-13-14	Maxine Realty Co., Inc.	16 00
78297			6-13-14	John H. Hallock	178 00
78298			6-13-14	New York State Realty & Terminal Co.	15 00
78299			6-13-14	H. W. Remington, Jr.	114 00
78300			6-13-14	H. W. Remington	109 00
78301			6-13-14	Arthur Brisbane	30 00
78302			6-13-14	J. Bernard English	13 00
78303			6-13-14	Bloomingdale Bros.	12 00
78304			6-13-14	Rachel L. Cohen	9 00
78305			6-13-14	Henry Douglas	3 75
78306			6-13-14	Charles R. Farnolo	49 00
78527	6- 1-14		6-15-14	Thomas Morgan	27 50
78529	4-30-14		6-15-14	Daniel Sullivan	5 00
78530	4- 8-14		6-15-14	New York Letter Company	2 25
78532				The Tabulating Machine Company	59 31
78534	6- 2-14		6-15-14	Westchester Lighting Company	3 60
78577			6-15-14	J. F. Alpaugh	79 96
78578			6-15-14	Charles R. Farnolo	49 00
78579			6-15-14	Florentine M. Fuld	115 00
78580				Lawrence J. Smith	20 00
78581			6-15-14	Ludin Realty Co.	25 00
78582				John J. Leddy, as Agent for Owner	18 00
78583			6-15-14	Mary E. Roeder	3 00
78584			6-15-14	Charles D. Galvin	3 00
78585			6-15-14	Patrick Connelly	1 05
78586			6-15-14	Henry Sullivan	50 00
78587			6-15-14	F. R. Wood, W. H. Dolson Co.	295 00
78588				The Froebel League of The City of New York	9 20
78589			6-15-14	Rellim Construction Co.	2 50
78590			6-15-14	Lizzie W. Wright	33 26
78594			6-15-14	Frank Eberhart	8 00
78601			6-15-14	E. F. McManus	38 00
78602			6-15-14	Arthur Brisbane	21 00
78603			6-15-14	Edward C. H. Vogler	69 00
78604				Annie M. Morrison	4 67
78605			6-15-14	Christina Doirr	8 00
78606			6-15-14	Kate J. Flohr	4 33
78607			6-15-14	P. T. Tuttle	1 00
78608			6-15-14	E. C. Wolff	60 00
78609			6-15-14	Receiver of Taxes	15 64
78610			6-15-14	Estate of Bertha Volkening	5 00
78611			6-15-14	Receiver of Taxes	62
78612			6-15-14	Jacob H. Michaels	119 75
78613			6-15-14	Herman Kuhn	5 33
78614				Martha L. Feig	221 00
78615			6-15-14	Jos. M. Adrian	4 58
78648			6-15-14	William Williams, Commissioner	500 00
78651				M. P. Walsh, Deputy Commissioner	11 25
78652			6-15-14	Edmond Beardsley, Chief Clerk and Auditor	26 80
78653			6-15-14	R. L. Blake, Assistant Engineer	151 01
78654			6-15-14	John E. McGeehan, Deputy Commissioner	75 46
78655			6- 5-14	J. L. Pultz, Water Registrar	4 88
78657			6-15-14	J. L. Pultz, Water Registrar	1 60
78658				School District No. 3, Town of Ossining, Hugh E. Irving, Receiver of Taxes	58 06
78659			6-15-14	Chas. P. Sullivan, Assistant Engineer in Charge	8 95

VOUCHERS RECEIVED IN DEPARTMENT OF FINANCE TUESDAY, JUNE 16, 1914.

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.

If the vouchers are found to be correct and properly payable to the respective claimants it will be my endeavor to have the warrants therefor made ready for payment within the next seven days.

If any claimant within the time stated does not receive his warrant or a written notice in relation thereto then written or verbal inquiry may be made at this office, using the Department of Finance voucher number as a ready means of reference.

WILLIAM A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice or Contract Date	Name of Payee.	Amount.
		Commissioners of Accounts.	
78910	6-11-14	John Wanamaker	$8 50
		Armory Board.	
78986		C. D. Rhinehart	$10 00
78987		Central Transfer Co	3 50
78988		The Peerless Towel Supply Co.	2 89
78989		L. V. Meehan	17 50
		County Clerk, Queens County.	
78914	6- 5-14	Fallon Law Book Co	$57 00
78915	6- 3-14	C. F. Rattigan	123 60
		County Clerk, Richmond County.	
78921		Staten Island Post	$7 50
		Surrogates' Court, New York County.	
79285		Wm. J. Duffy	$5 00
		County Court, Queens County.	
78918	5-27-14	Elliott-Fisher Co.	$15 85
78919	6-11-14	Jamaica Book Bindery	12 00
		Municipal Court, City of New York.	
79183	5-31-14	New York Telephone Co	$5 53
79184	5-28-14	Underwood Typewriter Co.	2 50
79185	6- 1-14	Otto Stegeman	2 00
79186		Albert Ludorf	2 10
79187		Star Toilet Supply Co	2 77
79988		Abram Bernard	11 45
79189		Chas. D. McGuire	5 40
79190		John Henigan, Jr	27 15
		Hunter College.	
79278		William A. Prendergast, as Comptroller	$1,404 85
		Department of Correction.	
79392	5-29-14	R. G. Wisner	$137 20
		Department of Education.	
78754	6-11-14	A. L. Brasefield	$18 63
78755		A. L. Brasefield	1,225 86
78756	6-11-14	A. L. Brasefield	398 25
78757	6-11-14	A. L. Brasefield	998 30
78758	6-11-14	A. L. Brasefield	329 37
78759	6-11-14	A. L. Brasefield	71 69
78760	6-10-14	Hugh D. McGrane	550 00
78761	4-27-14	Abraham Bros.	2 50
78762	4-20-14	H. Herrmann Lumber Co	81 00
78763	4-30-14	G. Schimer	20 04
78764	3-24-14	New York Calcium Light Co.	8 25
78765	5- 6-14	Albers Bros.	5 25
78766	5- 8-14	The Macmillan Co	268 00
78767	4-27-14	J. E. Linde Paper Co	1 25
78768	4-30-14	City History Club	6 65
78769	4-23-14	C. C. Birchard	6 75
78770	4-24-14	Hugh D. McGrane	2 00
78771	4-28-14	Koller & Smith Co	3 00
78772	4-22-14	Keuffel & Esser Co	43 72
78773	4-18-14	Geo. Rahmann & Co	29 50
78774	4-20-14	New York Sand Fcg. Co	11 24
78775	4-30-14	Patterson Bros.	77 00
78776	4-27-14	Riehle Bros. Testing Machine Co.	4 25
78777	4- 3-14	E. B. Latham & Co	12 95
78778	3-25-14	Clarkson & Ford Co	20 90
78779	2-26-14	F. W. Devoe & C. T. Raynolds Co.	3 00
78780	4-27-14	Eugene Dietzgen Co	1 75
78781	4-18-14	American Bead Co	11 75
78782	3-30-14	Willcox & Gibbs S. M. Co	4 00
78783	3-27-14	Heywood Bros. & Wakefield Co.	58 34
78784	3-27-14	Samuel Lewis	171 50
78785	3-18-14	A. B. Dick Co	46 50
78786	3-23-14	T. W. & C. B. Sheridan Co.	32 00
78787	3-21-14	Samuel Lewis	30 98
78788	5-28-14	Arthur S. Carroll	18 00
78789	36889	Burns Bros.	3,573 02
78790	36889	Burns Bros.	1,495 92
78791	36512	V. H. Youngman	1,288 77
78792	36510	C. H. Reynolds & Sons	1,764 59
78793	418	D. Appleton & Co	80
78794	436	John Wanamaker	7 23
78795	432	The Macmillan Co	7 03
78796	416	Abraham & Straus	10 81
78797	422	The Century Co	52
78798	424	E. P. Dutton & Co	25 80
78799	418	D. Appleton & Co	2 56
78800	474	Ellis A. Gimbel	10 06
78801	428	D. C. Heath & Co	4 17
78802	113	American Book Co	1 44
78803	424	E. P. Dutton & Co	185 50
78804	38615	C. J. O'Brien	13 50
78805	38946	John F. Mulgrew	268 60
78806	38947	John H. Naughton	422 45
78807	38713	John H. Naughton	148 75
78808	38715	James Bellotti	433 50
78809	38716	A. William Herwig	127 50
78810	38717	John I. Diehl	99 45
78811	38722	Michael F. Turner	185 30
78812	38723	Louis T. Walter, Jr	385 05
78813	38729	Joseph Wittmann	208 25
78814	38725	Winkler's N. Y. & Rockaway Express, Inc	97 75
78815	38734	Charles H. Rheder	144 50
78816	38724	Gus Ruoff	51 00
78817	38732	George A. Kinsey	757 69
78818	38731	Jones & Aubinger	93 50
78819	38738	John S. Higbie	166 60
78820	38737	John B. Campbell	91 80
78821	38730	Nugent & Wood	89 00
78822	38741	John C. Swade	125 80
78823	38743	James B. Reid	29 75
78827	36889	Burns Bros.	2,828 22
78828	36514	The Clark & Wilkins Co	608 10
78829	36512	V. H. Youngman & Co	93 04
78830	36510	C. H. Reynolds & Sons	1,424 09
78824	38476	Samuel Lewis	1,132 00
78825	38476	Samuel Lewis	187 50
78826	145	The A. N. Palmer Co	776 00
78990	38715	Jas. Bellotti	169 15
78991	38717	John I. Diehl	62 90
78992	38719	Cornelius O'Connell	108 46
78993	38723	Louis T. Walter, Jr	475 65
78994	38739	John H. Cottier	338 98
78995	38733	Wm. H. Van Nostrand	61 88
78996	38730	Nugent & Wood	75 65
78997	38742	Louis Schmul	51 00
78998	38723	Louis T. Walter, Jr	380 00
78999	38740	Wm. C. Card	398 16
79030	4-17-14	Morris Levi & Co	42 00
79031	4-17-14	Benjes & Stiefel	16 00
79032	4-25-14	Isaac Brenner	110 00
79033	4-15-14	John C. Caly	14 50
79034	4-21-14	Eugene J. Flood	50 00
79035	4-24-14	Hanson Bros.	102 00
79036	4-28-14	Robert McGregor	37 60
79037	4-25-14	Barshop Bros.	48 00
79038	4- 3-14	Jos. L. Fries	58 00
79039	4-14-14	Mauro Yarmsso	25 00
79040	4-16-14	M. Inkelas	166 00
79041	4-24-14	Finnan & Lee	275 00
79042	4- 6-14	Henry Pearl & Sons Co	34 00
79043	4-15-14	Jas. I. Newman	167 72
79000	4-13-14	John H. O'Rourke Co	122 50
79001	4- 9-14	R. Solomon & Son, Inc	117 00
79002	3-27-14	John J. O'Donnell	10 50
79003	4- 4-14	Adolph Lievendag	10 00
79004	4-11-14	August Wille, Jr	74 00
79005	4- 8-14	Samuel Gallucci	39 00
79006	4-20-14	Edward Stapleton	115 00
79007	4-29-14	A. Doncourt	150 00
79008	4- 3-14	Thos .Cummings	24 50
79009	5- 8-14	H. M. Devoe	118 60
79010	5-19-14	A. W. Ross	111 76
79011	35750	Commercial Const. Co	1,080 00
79012	37472	H. C. Stowe Const. Co	19,193 00
79013	39142	Christopher Nally	2,520 00
79014	38602	Mitchell Const. Co	12,372 06
79015	35393	Richard E. Henningham	25,939 70
79016	38397	Victor Zambetti & Bro	720 00
79017	37630	Thos. McKeown, Inc	18,972 09
79018	37724	Thos. McKeown, Inc	19,453 35
79019	38904	H. Serrell Thomson	10 00
79020	38904	Durkin & Laas	273 33
79021	38904	Durkin & Laas	28 29
79022	37990	Frank J. Felgenhauer Co., Inc.	8,282 30
79023	37030	Eagle Iron Works	810 00
79024	38889	C. L. Dooley, Inc	498 00
79025	38889	C. L. Dooley, Inc	218 00
79026	38890	Concordian Cont. Co	635 00
79027	38073	J. M. Knopp	260 00
79028	36746	Danl. W. Bassett	360 00
79029	39157	Max Klausner	98 67
79044	3-27-14	E. B. Latham & Co	2 74
79045	4- 3-14	Eimer & Amend	5 05
79046	4- 9-14	William Dixon, Inc	6 29
79047	3-24-14	Flint & Chester, Inc	17 35
79048	4-23-14	T. W. & C. B. Sheridan Co	132 30
79049	4- 1-14	Willcox & Gibbs S. M. Co	405 00
79050	4- 7-14	H. Roberts	5 00
79051	3-19-14	Standard Scientific Co	55 74
79052	4-15-14	Scientific Equipment Co	16 81
79053	4-11-14	Thos. Garnar & Co	130 95
79054	4-18-14	Underwood Typewriter Co., Inc.	3 64
79055	4-22-14	Keuffel & Esser Co	1 54
79056	3-13-14	J. Cohen, Jacob Kurzban, Assignee of	20 80
79057	4- 1-14	Hammacher-Schlemmer & Co.	1 00
79058	4-23-14	Narragansett Machine Co	21 63
79059	4-27-14	F. J. Kloes	17 70
79060	3-21-14	F. J. Kloes	7 06
79061	3-25-14	J. Friedman	31 55
79062	3-31-14	Louis Imershein	1 25
79063	3-12-14	F. J. Kloes	4 92
79064	2-28-14	Paul L. Bryant	2 72
79065	1-28-14	American Seating Co	5 40
79066	4- 6-14	Reids Express	7 50
79067	3-31-14	T. C. Moore & Co	1 60
79068	4- 9-14	J. Weiss	5 85
79069	2-11-14	Hammacher-Schlemmer & Co.	3 00
79070	4- 3-14	J. Friedman	5 76
79071	4-10-14	Edw. Cahill	10 00
79072	1-17-14	A. & W. Clinton Prison	1,616 80
79073		Wm. H. Maxwell	55 43
79074	5-20-14	Wm. H. Maxwell	51 56
79075	5-15-14	Frank A. Collins	51 34
79076	5- 5-14	C. M. Morgan	38 25
79077	4- 6-14	Manhattan Electrical Sup. Co.	8 21
79078	3-12-14	The Tengwall Co	93 25
79079	4-17-14	Diehl Mfg. Co	74 00
79080	4- 7-14	Montgomery & Co	18 88
79081	3-30-14	Montgomery & Co	13 50
79082	4- 6-14	W. R. Ostrander & Co	2 50
79083	2-27-14	Hammacher-Schlemmer & Co.	9 05
79084	4- 3-14	The Howe Scale Co. of N. Y.	8 00
79085	3-27-14	Prentiss Tool & Supply Co	267 50
79086	3-20-14	F. N. Du Bois & Co	10 20
79087	4-22-14	Eimer & Amend	54 35
79088	4-24-14	A. B. Dick Co	171 00
79089	4-14-14	Fredk. J. Bauer & Co	3 00
79090	3-11-14	Perkins Institution and Massachusetts School for the Blind	9 00
79091	4-18-14	Hammacher-Schlemmer & Co.	15 98
79092	3-15-14	D. Van Nostrand Co	4 50
79097	4-10-14	Fr. Jos. Unger	15 01
79098	3-17-14	Jos. D. Duffy	49 06
79099	4- 6-14	Wm. Rabe	8 48
79100	2-23-14	Reid, King & Co	98 83
79101	4-10-14	Robertson & Conry	16 51
79102	3-23-14	Sundh Electric Co	5 00
79103	4-16-14	Henry Pearl & Sons Co	12 42
79104	4-13-14	American Ornamental Iron Works	19 03
79105	3- 2-14	American Ornamental Iron Works	53 93
79106	3- 2-14	Michael Fogarty, Inc	11 50
79107	3- 6-14	Henry Tuke	4 80
79108	4-27-14	American Ornamental Iron Works	18 32
79109	4- 6-14	Isaac Brenner	24 46
79110	2-16-14	Geo. Rohe	49 66
79111	3-31-14	John A. O'Brien	102 77
79112	4-10-14	S. Pomerantz	3 35
79113	4-15-14	Mott Haven Iron Works	37 25
79114	4- 9-14	Stanley & Patterson	4 49
79115	3- 6-14	Strong Machinery & Supply Co.	1 75
79116	3-28-14	Manhattan Electrical Supply Co.	36 76
79117	4-24-14	Danforth L. Jones & Co	1 50
79118	4- 1-14	E. B. Latham & Co	16 76
79119	4-17-14	The New Home Sewing Machine Co.	90
79120	3-20-14	Montgomery & Co	52 36
79121	3-28-14	Ginn & Co	21 75
79122	3-28-14	W. R. Ostrander	1 50
79123	4-28-14	Lichtenberg Bros. & Co., Inc.	16 20
79124	4-20-14	J. E. Linde Papef Co	3 84
79125	4-20-14	Ichabod T. Williams & Sons.	143 56
79126	4-25-14	Henry Moss & Co	3 20
79127	4-27-14	Tower Mfg. & Nov. Co	16 78
79128	3-23-14	T. W. & C. B. Sheridan Co	1 25
79129	4-24-14	Colonial Steel Co	27 17
79130	4-24-14	James W. Cone	3 50
79131	4-13-14	O. M. Gottesman	104 80
79132	4- 3-14	Rauh Cutlery Co	6 00
79133	4-14-14	The J. W. Pratt Co	77 60
79134	4-14-14	Samuel Sanes	21 00
79135	4-21-14	Kolesch & Co	3 00
79136	4-16-14	Hull, Grippen & Co	3 71
79137	4- 3-14	W. R. Ostrander & Co	1 03
79138	4-24-14	Union Drawn Steel Co	15 62
79139	4-13-14	The J. W. Pratt Co	22 00
79093	4- 9-14	Henry Pearl & Sons Co	159 51
79094	3-21-14	The Germania Bank, Assignee of H. Sacks	287 40
79095	5- 1-14	Joseph Spengler	12 25
79096	4-17-14	Joseph D. Duffy	64 83
		Department of Finance.	
78923		Goldman-Sachs & Co	$611,000 00
78924		Goldman-Sachs & Co	464,407 50
78925		Goldman-Sachs & Co	611,000 00
78926		Goldman-Sachs & Co	244,492 50
78927		Goldman-Sachs & Co	122,212 50
78928		Heidelbach-Ickelheimer & Co	733,500 00
78929		Bernhard-Scholle & Co	1,466,850 00
78962		Seton Falls Realty Co., Inc	82,500 00
78963		Daniel Meenan	2,833 81
78964		Fredk. S. Meyers	11,557 31
78965		John H. Nickisch	3 473 63
78966		W. Parsons Todd	27,053 94
78967		Upland Realty Co	16,588 30
78968		Frank L. Ditscherlein et al.	4,047 93
78969		Andrew J. Forman	7,431 17
78970		Farmers Loan & Trust Co., as Trustee Under the Last Will and Testament of Edward Smith	1,819 18
78971		Kellwood Realty Co	3,046 10
78972		Leo P. Kelly	4,095 55
78973		Dora Klaber	8,845 77
78974		Edgar J. Lauer	34 032 98
78975		Giagio Liggio	2,789 31
78976		Jeremiah Murphy	3,417 25
78977		Bartley McGowan	26 59
78978		August F. Schwarzler	4,273 69
78979		Henry J. Semke	4,172 15
78980		Trask Bldg. Co	6,392 73
79153		Slocum Amusement Co	150 00
79154		Dwyers New Amsterdam Van and Storage Co.	39 00
79281		Goldman, Sachs & Co	733,500 00
79282		Goldman, Sachs & Co	244,500 00
79283		Goldman, Sachs & Co	122,250 00
79284		Goldman, Sachs & Co	978,000 00
79343	38146	John H. Eckhoff, Jr.	657 32
89335		R. B. McIntyre	65 99
89336		D. E. Kemlo	13 10
89337		Brooklyn Packard Auto Service Co.	66 75
89338		The Western Union Tel. Co.	18 07
89339		The Citizens Water Supply Co. of Newtown	5 00
89340		New Amsterdam Gas Co	5 32
89341		The New York Mutual Gas Light Co.	13 65
89342		Isaac Lewis & Sons	10 00
		Fire Department.	
79403		New York Fire Department Relief Fund, Robert Adamson, Fire Commissioner, as Trustee and Treasurer	$13 70
		Department of Health.	
79289		A. F. Grassmann	$28 50
79290	6- 3-14	A. F. Grassmann	9 50
79291	5-30-14	The Fleischmann Co	22 75
79292	5-15-14	Burton & Davis Co	91 21
79293	5-21-14	Burton & Davis Co	67 44
79294	5-26-14	Chas. McConnell	6 00
79295	2-10-14	The International News Co.	19 25
79296	5- 8-14	Excelsior Illustrating Co., Inc.	16 00
79297	6- 1-14	S. Hubbs	2 55
79298	5-25-14	Henry Bainbridge & Co	17 46
79299	5-14-14	Edwin C. Hahn	15 05
79300	2-13-14	E. B. Estes & Sons	3 50
79301	5-25-14	The Drug Products Co., Inc.	2 00
79302	5-26-14	Cork Products Co., Inc	56 00
79303	5-22-14	Cranes Oxygen Works and Ambulance Co.	12 50
79304	5- 4-14	Aseptic Products Co	60 80
79305	3-27-14	Eimer & Amend	22 25
79306	4- 9-14	The Harral Soap Co	2 24
79307	5-22-14	Ph. Sussman	2 39
79308	5-14-14	Paul B. Hoeber	24 00
79309	3-31-14	Eidt & Weyand	89 46
79310	5- 8-14	Consolidated Dental Mfg. Co.	1 26
79311	5-16-14	Clover Farms, Inc	50 88
79312	5-29-14	Abraham & Straus	29 82
79313	5-26-14	Bausch & Lomb Optical Co	14 93

Finance Voucher No.	Invoice or Contract Date	Name of Payee.	Amount.
79314	5-27-14	Ideal Ventilator Co.....	14 00
79315	6- 2-14	Crown Stamp Works.....	2 10
		Commissioner of Jurors, Kings County.	
78920	5-31-14	N. Y. Tel. Co.....	$13 84
		Commissioner of Licenses.	
78930	3- 1-14	The Peerless Towel Supply Co.	$2 63
78931	5-29-14	Krystalied Water Co.....	17 30
78932	5-19-14	The Banks Law Pub. Co....	3 60
		Law Department.	
79325	6-12-14	The Trow Press.....	$10 00
79326	5-26-14	Scofield & Co.....	6 50
79327	3-18-14	Flynn Trucking Co.....	165 00
79328	5-28-14	Roneo Co.	2 30
79329	5- 6-14	Norman L. Coe & Son.....	19 00
79344		Frank L. Polk	500 00
79352	9-26-13	David S. Veitch	8 20
79353	6-10-14	Chas. H. Requa	2 00
79354	3-10-14	Harold Eyre	4 50
79355	6- 4-14	Arnold J. Wisch	12 20
79356	6- 8-14	A. J. Horn	6 50
79357	5-31-14	N. Y. Telephone Co.....	47 49
		The Mayoralty.	
79316	5-29-14	A. A. Benedict	8 00
79317	5-31-14	Foster, Scott Ice Co.....	6 75
79318	5-30-14	John Manning	12 71
79319	6- 6-14	The American Law Book Co.	52 00
79320	6- 1-14	The Banks Law Pub. Co....	6 35
79321		The Macey, Dohme Co.....	47 26
79322	6- 1-14	United Electric Service Co..	17 25
79323		The Western Union Tel. Co.	18 43
79324	39238	New York Tel. Co.....	62 77
		Bronx Parkway Commission.	
79218		Alois Wolf & Anna Wolf....	6,117 37
79219		Richard Condon	5,098 63
79220		Wm. P. Sandford & Elizabeth K. Sandford	2,549 32
79221		Annie I. Johnston	1,121 70
79222		John Stahl	23,815 70
79223		Frances Daggett	680 16
79224		George H. Janss	2,651 72
79225		Frank C. Mayhew & Ralph Hickok	1,113 72
79226		The Associates Land Co.....	1,529 84
79227		John T. Badaracco	1,810 30
79228		Annie C. Early	3,636 00
79229		John Stahl	280 47
79230		Jennie Zoole	2,909 03
79231		Jacob C. Wund	513 00
79232		Sara H. Laughlin	1,231 63
79233		Sarah J. Devlin	410 88
79234		John Hone	1,277 92
79235		John P. Gorman & Henry J. Dorgeloh	5,735 03
79236		Charles E. Mahony	827 12
79237		Hedley R. Weeks & Florence B. Weeks	1,078 82
79238		A. R. Mosler & Co.....	94,895 67
79239		John Stahl, Henry Stahl & Fred'k Stahl	20,394 52
79240		George L. Dubernet	4,438 66
79241		Ada J. Brennan	2,755 92
79242		Walter B. Dixon	852 02
79243		Joseph S. Wood & Susy E. Wood	4,846 82
79244		Mary L. Fennell	1,601 28
79245		Emma O. Johansson, by Henry T. Henderson, atty. in fact	714 50
79246		Lucrezea Aramo	510 44
79247		Mrs. Arville M. Turner.....	7,555 94
79248		James H. Murphy & Margaret Murphy	2,083 61
79249		Herman W. Staab & Charlotte A. Staab	563 25
79250		Charles A. Robins	1,396 11
79251		Ignatz Steinitz	1,188 81
79252		Jacob Steuhl & Elsie Steuhl..	816 44
79253		Anton Kirn & Katherine Kirn	765 41
79254		Emil Rudin & Augusta B. Rudin	7,697 69
79255		Frank Hufner	790 16
79256		Annie Bancker, ex. of the Est of John C. Bancker, dec.	12,759 91
79257		Mrs. Cynthia Ann Lowther.	3,571 03
79258		John F. De Groot & Frances H. De Groot	816 70
79259		Julius Wolf	825 63
79260		Bertha Zeile	1,020 55
79261		Miss Ida Catren	1,020 55
79262		Ludvig Ehlers & Meta Ehlers	1,020 55
79263		David Graham & Mary L. Graham	1,020 55
79264		Marie F. Gerhauser	1,020 71
79265		Henry Gansberg & Helen Gansberg	2,039 12
79266		H. Rush Wilson & Lillian K. Wilson	53,535 61
79267		Edward P. Barrett & Estelle A. Barrett	76,565 75
79268		Natale Bambace	13,628 70
79269		Wm. H. Malcolm & Laurence M. D. McGuire	30,586 85
79270		Walter Gately	3,953 63
79271		J. H. Lauren & Ernst A. Lundberg	28,552 33
79272		Angelo Savanello	3,438 78
79273		Eliza Ann Finn	483 82
		Department of Parks, Borough of Queens.	
78882	5-14-14	Chas. Schaefer & Son.....	$188 45
78883	6- 2-14	Parkinson Coke & Coal Co...	11 00
78884	5- 2-14	B. G. Pratt Co.....	480 00
78885	5-14-14	Dept. Public Charities	30 50
78886	5-21-14	Tower Mfg. & Nov. Co.....	9 30
78887	5-26-14	Dieges & Clust	30 00
78888	5-13-14	New York Stencil Works...	1 00
78889	5-20-14	E. P. Gleason Mfg. Co.....	5 38
78890	5-18-14	C. M. Moseman & Bros.....	60 60
78891	5-29-14	John Boyle & Co.....	14 00
78892	6- 1-14	A. G. Spaulding & Bros.....	12 30
78893	5-19-14	Peerless Rubber Mfg. Co....	170 75
78894	5-27-14	Hanlon & Goodman	9 14
78895	5-15-14	The Marine Mfg. & Supply Co.	12 93
78896	5-14-14	Agt. & Warden, Auburn.....	4 35
78897	5- 3-14	Agt. & Warden, Dannemora.	10 00
78898	5-13-14	Agt. & Warden, Ossining...	12 40
78899	5-14-14	Electric Hose & Rubber Co..	3 78
78900	5-15-14	Patterson Bros.	15 78
78901	4-14-14	C. T. Silver Motor Co.....	31 22
78902	5-19-14	Chas. G. Stewart	100 00
78903	5-19-14	Fred Adee Co.....	18 10
78904	5-29-14	Schieffelin & Co.....	2 25
78905	6- 1-14	Jas. Mulligan	49 00
78906	5- 1-14	W. L. Johnson	28 25
78907	5-28-14	Brown Typewriter Co.....	7 00
78908	4- 3-14	S. Jacobs & Sons	225 00
78909	1-15-14	John E. Weier	113 44
		Police Department.	
79156	38940	Geo. N. Reinhardt	$834 57
79157	39477	The J. W. Pratt Co.....	7 60
79174		M. R. Brennan	59 45
79175		William Gilmartin	5 50
79176		Thomas McDonald	30 65
79177		William J. Quaine	27 08
79178		Edward F. Weigel	60
79179		Postal Tel. Cable Co.....	9 77
		President of the Borough of Manhattan.	
78933	38151	Wertheim Coal & Coke Co...	$8,725 52
78934	38999	Phoenix Sand & Gravel Co...	908 55
78935	38587	Barrett Mfg. Co.....	3,766 70
78936	38579	John A. McCarthy.....	121 50
78937	36546	Jos. F. Gross & Co.....	1,217 41
78938	35909	Wm. Emerson	450 63
78939	37150	Asphalt Const. Co.....	7,796 58
78940	37641	Cleveland Trinidad Pav. Co..	5,148 45
78941	23189	Uvalde Asphalt Pav. Co.....	865 21
78942	23031	Barber Asphalt Pav. Co.....	384 56
78943	38578	John A. McCarthy.....	255 40
79158	5-28-14	Republic Construction Co....	9 66
79159	5-20-14	The Barber Asphalt Pav. Co.	11 40
79160	5-29-14	U. S. Wood Preserving Co...	135 34
79161	5-29-14	U. S. Wood Preserving Co...	14 80
79162	5-31-14	Doyle & Kelly.....	5 50
79163	5-20-14	Uvalde Asphalt Pav. Co.....	53 55
79164		James P. McAtee	25 00
79165	3-26-14	North Eastern Construction Co.	40 00
79166	6-12-14	Peter Cramer	254 49
79167	5-29-14	U. S. Wood Preserving Co...	24 17
79168	5-29-14	U. S. Wood Preserving Co...	54 46
79169	5-27-14	Patrick Reilly	375 00
79170	5-25-14	The Asphalt Construction Co.	3 00
79171		N. Y. & Bklyn. Tow. Sup. Co.	46 80
79172		Marcus M. Marks.....	200 00
79173		E. P. Goodrich	61 15
		President of the Borough of The Bronx.	
79274		Wm. A. Prendergast as Comptroller	$653 39
79286	38746	M. L. Bird	543 97
79287	38045	August H. Hillers.....	7,515 00
79288	38043	Jas. Curran Mfg. Co.....	900 00
		President of the Borough of Brooklyn.	
79330	33843	Jos. Balaban Co.....	$495 20
79331	35009	Jos. F. Corcoran	3 60
79332	39395	New York Tel. Co.....	823 54
79333	37887	Jos. J. McKenna	2,380 00
79345		J. E. Bristol	493 50
79346		Wm. J. Shea.....	90 60
79347		Wm. J. Shea	25 80
79348	1- 6-14	J. H. McKenna	11 00
79349	5-14-14	Frank G. Baur	5 00
79350	5-23-14	Castle Bros., Inc.	39 53
79351	5-25-14	Thos. F. Clark	48 80
79358	5-22-14	Kimball Stamp Works.....	4 35
79359	11-21-13	Pure Oil Co.....	137 79
79360	5-23-14	John B. Creighton, Secretary	50 00
79361	5-26-14	Wm. C. Robinson & Sons Co.	32 44
79362	3- 4-14	The Good Roads Machinery Co.	810 00
79363	4-17-14	Contractors Trading Co., Inc.	57 25
79364	4-17-14	Contractors Trading Co., Inc.	80 60
79365	5-13-14	Remington Typewriter Co., Inc.	12 50
79366	5-26-14	Remington Typewriter Co..	70
79367	5- 8-14	Kanouse Mt. Water Co.....	3 90
79368	5- 3-14	Great Spring Water Co....	37 20
79369	5- 8-14	Clynta Water Co.....	26 40
79370	6- 9-14	Taafes Original Troy Steam Laundry	4 50
79371	3-12-14	Self Winding Clock Co.....	48 00
79372	3-19-14	A. & W., Clinton Prison....	64 00
79373	4-14-14	The J. L. Mott Iron Works	17 40
79374	1-13-14	Self Winding Clock Co.....	48 00
79375	5-14-14	Michael D. Weyhrauch	10 00
79376	6- 2-14	Union League Stables.....	27 50
79377	4- 8-14	H. E. Spicer Co.....	9 00
79378	6- 1-14	Cook Electric Co.....	57 75
79379	5-26-14	L. Hohs	28 00
79380		The Long Island Wire Works	125 00
79381	5-28-14	Thos. A. Glendenning	12 00
79382	6- 5-14	The American Law Book Co.	19 00
79383	6- 6-14	The J. W. Pratt Co.....	127 49
79384	5-28-14	West Pub. Co.....	6 50
79385		Fallon Law Book Co.....	17 30
79386	6- 5-14	A. Pearson's Sons.....	4 00
79387	6- 9-14	Goodyear's India Rubber Selling Co.	131 64
79388		Audley Clarke Co.....	72 50
79389	6- 9-14	The Brooklyn Alcatraz Asp. Co.	18 30
79390	6- 1-14	Keuffel & Esser Co.....	2 19
79391	5-16-14	Dieges & Clust	20 00
79404	37129	Uvalde Cont. Co.....	34,861 50
79405	37961	M. A. Severino	220 88
79406	38346	Nicholas Sanzo	4,618 48
79407	38030	Paladina & Bros.	3,592 19
79408	38107	Castle Bros., Inc.....	738 10
79409	37749	Arthur A. Dumproff	5,261 50
79410	38135	D. Donegan Co.....	13,352 31
		President of the Borough of Queens.	
79275	38677	Clancy & Van Alst.....	$4,446 52
79276	39269	N. Y. Tel. Co.....	1,194 81
79277	36009	Jos. Di Benedetto	8,037 60
		Public Service Commission.	
79191	35720	E. E. Smith Cont. Co.....$206,965 94	
79192	34603	The Degnon Cont. Co.....	78,177 05
79193	34604	The Degnon Cont. Co.....	80,120 15
79194	31548	Oscar Daniels Co.....	26,343 08
79195	31545	Bradley Cont. Co.....	40,484 02
79196	31546	Bradley Cont. Co.....	69,853 45
79197	32215	Patrick McGovern	84,091 45
79198	37288	E. E. Smith Cont. Co.....	72,245 38
79199	34992	Fredk. L. Cranford, Inc....	55,632 42
79200	32175	The Degnon Cont. Co.....	56,524 23
79201	34477	O'Rourke Engineering Co...	13,403 65
71202	37597	Dock Cont. Co.....	115,393 43
79203	31544	Bradley Cont. Co.....	79,730 10
79204	39235	Rapid Transit Subway Const. Co.	20,024 29
79205	32175	The Degnon Cont. Co.....	2,773 80
79206	34923	Fredk. L. Cranford, Inc.....	104,380 26
79207	38428	Post & McCord, Inc.....	23,313 80
79208	37711	The Snare & Triest Co.....	44,958 54
79209	38423	The Degnon Cont. Co.....	1,140 69
79210	38425	United States Realty & Imp. Co.	1,610 83
79211	38424	Alfred P. Roth	291 46
79212	38426	Oscar Daniels	274 92
79213	39103	Oscar Daniels	233 33
79214	38945	Rapid Transit Subway Const. Co.	1,679 90
79215	38945	Rapid Transit Subway Const. Co.	49 94
79216	38427	Rodgers & Hagerty, Inc.....	1,789 41
79217	39181	Cooper & Evans Co.....	388 41
		Department of Public Charities.	
78944	5-20-14	Diehl Mfg. Co.....	$103 50
78945	12-31-13	Knickerbocker Ice Co.....	49 20
78946	12- 1-13	Koller & Smith, Inc.....	65 10
78947	10-25-13	W. D. Garrett & Co.....	138 07
78948	4-25-14	The Coal & Transfer Co.....	64 00
78949	5-13-14	Evergreen Const. Co.....	636 00
78950	5- 8-14	Wm. Elliott & Son.....	13 70
78951	5-14-14	The Elizabeth Nursery Co...	648 73
78952	5-27-14	Frank E. Haynes & Son.....	81 00
78953	4-22-14	W. A. Manda, Inc.....	233 77
78954	5-27-14	Meyers & Grayson, Inc.....	261 36
78955	5-23-14	Ludwig Littauer	5 25
78956	5- 6-14	The H. B. Claflin & Co.....	337 50
78957	5-11-14	The East River Mill & Lumber Co.	429 41
78958	5-16-14	Jas. Thompson & Son.....	128 50
78959	5- 6-14	The Invisible Roll Screen Co.	177 50
78960	5-22-14	Enos Johnson	43 00
78961	5-21-14	Columbus Mfg. & Supply Co., Inc.	36 00
		Register, Kings County.	
78912	6-12-14	G. W. Todd Co.....	$35 00
78913	6-13-14	Natl. Wheel & Hand Truck Co.	15 25
		Board of Water Supply.	
79279	39510	Herbert D. Pease & A. J. Provost, Jr.	$666 66
79280	38507	M. B. Brown Ptg. & Bdg. Co.	275 22
		Department of Water Supply, Gas and Electricity.	
78831	6- 3-14	The Clark & Wilkins Co....	$343 75
78832	5-15-14	Valvoline Oil Co.....	62 40
78833	6- 3-14	Tower Mfg. & Nov. Co....	1 96
78834	5- 4-14	The Beck Duplicator Co....	5 00
78835	5- 1-14	F. F. Fuhrmann	2 20
78836	5- 1-14	Siebrecht & Son.....	11 44
78837	4- 9-14	Yonkers Nursery Co.....	35 90
78838	5-27-14	Eugene Dietzgen Co.....	17 08
78839	5- 1-14	Samuel Olim	6 38
78840	5-27-14	George Trapp	17 40
78841	2-11-14	The A. P. Smith Mfg. Co..	98 75
78842	5- 7-14	The Sicilian Asp. Pav. Co..	3 88
78843	5- 1-14	G. E. Ganun	9 20
78844	5-15-14	T. C. Moore & Co.....	1 60
78845	5- 1-14	James H. Connell, the Madison Avenue Stables.....	60 00
78846	5- 1-14	John N. Brahy	60 00
78847	4-24-14	O'Rourke Garage	20 00
78848	5- 1-14	George Trapp	83 33
78849	6- 3-14	H. W. Johns-Manville Co..	10 00
78850	5- 5-14	Standard Oil Co. of N. Y..	29 16
78851	4-16-14	J. J. Fitzhenry	397 50
78852	5-13-14	Borough Asphalt Co.....	19 50
78853	9-15-13	C. T. Silver Motor Co.....	4 14
78854	5- 1-14	John H. Hunter.....	2 50
78855	5- 1-14	Henry R. Worthington.....	313 00
78856	5- 1-14	Frank Thompson	20 80
78857	5- 1-14	Peter J. Donohue's Sons....	74 20
78858	5- 1-14	Louis J. Gill.....	49 65
78859	4- 6-14	Borough Asphalt Co.....	2 50
78860	4- 9-14	Borough Asphalt Co.....	10 00
78861	6- 3-14	The Long Island Railroad Co.	3 07
78862	5- 1-14	The Barber Asp. Pav. Co..	4 50
78863	4-20-14	The Barber Asp. Pav. Co..	6 75
78864	5-13-14	The Barber Asp. Pav. Co..	4 75
78865	4-15-14	Uvalde Asphalt Pav. Co....	6 50
78866	4-15-14	Atlantic Basin Iron Works..	36 38
78867	5- 1-14	Samuel Van Wickler	130 00
78868	5- 1-14	Wm. F. Deegan	18 32
78869	5- 1-14	Neptune Meter Co.....	3 25
78870	5- 1-14	National Meter Co.....	9 65
78871	3-21-14	M. F. Mulligan.....	10 67
78872	2-17-14	M. F. Mulligan	8 38
78873	3-13-14	W. & C. Sheehan	19 28
78874	3-13-14	W. & C. Sheehan.....	18 84
78875	1-19-14	W. & C. Sheehan.....	5 80
78876	5- 1-14	Weber & Hamilton	5 08
78877	11-21-13	Weber & Hamilton	5 51
79140	35433	Westchester Lighting Co....	22 00

Finance Voucher No.	Invoice Date or Contract Number.	Name of Payee.	Amount.
79141	39117	Brooklyn Union Gas Co....	11,314 88
79142	39117	Brooklyn Union Gas Co....	10,204 74
79143	39117	Brooklyn Union Gas Co..	11,302 87
79144	39118	Flatbush Gas Co.....	1,240 97
79145	39118	Flatbush Gas Co.....	1,120 19
79146	39118	Flatbush Gas Co.....	1,240 45
79147	39145	New York & New Jersey Globe Gas Light Co.....	13,959 29
79148	39145	New York & New Jersey Globe Gas Light Co.....	13,940 33
79149	39145	New York & New Jersey Globe Gas Light Co.....	13,945 68
79150	38774	Florence Iron Works	8,165 39
79151	36542	High Grade Oil Refining Co.	90 46
79152	38525	B. Nicholl & Co.....	25,400 87

DEPARTMENT OF FINANCE.

Office of the City Chamberlain, New York, May 27, 1914.

Hon. JOHN PURROY MITCHEL, *Mayor:*

Sir—In pursuance of section 196, chapter 378 of the Laws of 1897, I have the honor to present herewith a report to May 16, 1914, of all moneys received by me, and the amount of all warrants paid by me since May 9, 1914, and the amount remaining to the credit of the City on May 16, 1914. Very respectfully,

HENRY BRUERE, Chamberlain.

The City of New York, in Account with Henry Bruere, Chamberlain, during the Week Ending May 16th, 1914.

CR.

May 9th, 1914, Balance		$48,306,703 60
MAY 16TH, 1914, RECEIPTS.		
Taxes, Manhattan—Rec. Taxes	$2,747,161 27	
Taxes, Bronx—Rec. Taxes	364,389 88	
Taxes, Brooklyn—Rec. Taxes	1,536,687 72	
Taxes, Queens—Rec. Taxes	326,285 14	
Taxes, Richmond—Rec. Taxes	56,356 94	
		$5,030,880 95
Water Meter Fund No. 2—Rec. Taxes		31 01
Water Meter Fund, Brooklyn—Rec. Taxes		23 82
Water Rents—Rec. Taxes		6,272 23
Water Rents, Queens—Rec. Taxes		341 82
Ar. Taxes, 1899, Etc., Man.—Coll. Assts.	$191,919 15	
Ar. Taxes, 1899, Etc., Bronx—Coll. Assts.	45,612 98	
Ar. Taxes, 1899, Etc., Brooklyn—Coll. Assts.	130,408 71	
Ar. Taxes, 1899, Etc., Queens—Coll. Assts.	43,518 08	
Ar. Taxes, 1899, Etc., Richmond—Coll. Assts.	6,605 57	
		418,064 49
St. Impt. Fd., Jan. 1, 1898, Man.—Coll. Assts.	$2,058 79	
St. Impt. Fd., Jan. 1, 1898, Bronx—Coll. Assts.	76,075 61	
St. Impt. Fd., Jan. 1, 1898, Bkn.—Coll. Assts.	59,996 78	
St. Impt. Fd., Jan. 1, 1898, Qns.—Coll. Assts.	26,829 55	
St. Impt. Fd., Jan. 1, 1898, Rich.—Coll. Assts.	3,485 97	
		168,446 70
Int. Assts., St. Impt. Fd., Man.—Coll. Assts.	$55 41	
Int. Assts., St. Impt. Fd., Bx—Coll. Assts.	3,554 87	
Int. Assts., St. Impt. Fd., Bkn.—Coll. Assts.	4,024 38	
Int. Assts., St. Impt. Fd., Qns.—Coll. Assts.	1,818 13	
Int. Assts., St. Impt. Fd., Rich.—Coll. Assts.	177 54	
		9,630 33
Fund St. and Pk. Openings, Man.—Coll. Assts.	$11,545 68	
Fund St. and Pk. Openings, Bx.—Coll. Assts.	30,951 89	
Fund St. and Pk. Openings, Bkn.—Coll. Assts.	4,959 63	
Fund St. and Pk. Openings, Qns.—Coll. Assts.	12,601 30	
Fund St. and Pk. Openings, Rich.—Coll. Assts.	2,817 04	
		62,875 54
Restoring Pavements, Man.—Coll. Assts.		113 94
Int., Restoring Pavements, Man.—Coll. Assts.		5 50
Wmsburgh Sewer Fund, Bronx—Coll. Assts.		201 83
Receipts and Exps. of Tax Sales, Bx.—Coll. Assts.		30 00
Receipts and Exps. of Tax Sales, Bx.—Coll. Assts.		75 20
Prin. and Int., 26th Wd. Bds., Bkn.—Coll. Assts.		2,950 18
Sewer Assts., 29th Ward., Inst., Bkn.—Coll. Assts.		38 44
Opg., Etc., Assts., 31st Wd., Inst., Bkn.—Coll. Assts.		1,545 28
Flatbush Ave. Impt., 29th Wd., Bkn.—Coll. Assts.		44 31
Opg., Etc., Bedford Avenue, Bkn.—Coll. Assts.		345 52
Ar. Water Rents, 1898, Etc., Bkn.—Coll. Assts.		4,485 38
Int. Water Rents, 1898, Etc., Bkn.—Coll. Assts.		865 65
Long Is. City Water Rents, Queens—Coll. Assts.		35 37
Long Is. City, Int. Water Rents, Qns.—Coll. Assts.		3 53
Vill. Coll. Pt., Water Rents, Qns.—Coll. Assts.		4 95
Vill. Coll. Pt., Int. Water Rents, Qns.—Coll. Assts.		1 92
Vill. Whitestone, Water Rents, Qns.—Coll. Assts.		3 17
Vill. Whitestone, Int. Water Rents, Qns.—Coll. Assts.		96
Vill. Bayside, Water Rents, Qns.—Coll. Assts.		28 85
Vill. Bayside, Int. Water Rents, Qns.—Coll. Assts.		4 06
Vill. Flushing, Water Rents, Qns.—Coll. Assts.		14 33
Vill. Flushing, Int. Water Rents, Qns.—Coll. Assts.		4 99
Receipts and Exps. of Tax Sales, Qns.—Coll. Assts.		1 50
Brooklyn Bridge Revenue, 1914—Kracke		13,626 76
Wmsburgh Bridge Revenue, 1914—Kracke		2,467 05
Water Meter Fund, Brooklyn—Williams		34 45
Water Revenue, Brooklyn—Williams		504 64
Water Rents, Brooklyn—Williams		53,420 42
Water Rents, Queens—Williams		2,283 39
Water Meter Fund, Queens—Williams		18 27
Water Meter Fund No. 2, Manhattan—Williams		54 33
Reimbursement by Railway Companies for Repaving Streets Between Tracks, Compr.		212 92
New Water Supply of The City of New York—Buncke.	$1,004 88	
New Water Supply of The City of New York—Timm...	72 74	
		1,077 62
Unclaimed Salaries and Wages—Timm.		3,162 23
Dept. St. Cleaning Pension Fund—Fetherston.		116 50
Dept. St. Cleaning, Municipal Operation of Scow Trimming and Picking—Fetherston		3,485 58
Fund for Topographical Bureau, Queens—Connolly.		1 00
Forfeited Recognizances, N. Y. Co.—Whitman.		100 00
Restoring and Repaving, Man.—Marks.		7,405 75
Restoring and Repaving, Bronx—Mathewson.		607 50
Restoring and Repaving, Brooklyn—Pounds.		1,509 65
Restoring and Repaving, Queens—Connolly.		519 00
Restoring and Repaving, Richmond—McCormack.		249 23
Excise Taxes, New York Co.—McAvoy.	$1,532 50	
Excise Taxes, Kings Co.—Kelly.	4,892 50	
Excise Taxes, Queens Co.—Jervis.	1,809 37	
Excise Taxes, Richmond Co.—Murphy.	853 75	
		9,088 12
Dept. Education, Suspense Acct.—Cook.		1,028 46
Sheriff's Fees, New York Co.—Grifenhagen.		9,857 74
GENERAL FUND.		
Int. Taxes, Man.—Rec. Taxes.	$605 18	
Int. Taxes, Bronx—Rec. Taxes.	3 17	
Int. Taxes, Brooklyn—Rec. Taxes.	508 09	
		$1,116 44
Water Rents, Queens—Rec. Taxes.		139 35
Water Rents, Richmond—Rec. Taxes.		273 57
Pipe Fittings and Meter Glasses, Man.—Rec. Taxes.		1 00
Int. Ar. Taxes, 1899, Etc.—		
Man.—Coll. Assts.	$10,567 50	
Bronx—Coll. Assts.	5,768 78	
Brooklyn—Coll. Assts.	9,793 04	
Queens—Coll. Assts.	4,385 29	
Richmond—Coll. Assts.	575 94	
		31,090 55
Int. Assts., St. and Park Openings—		
Man.—Coll. Assts.	$464 83	
Bronx—Coll. Assts.	4,856 02	
Brooklyn—Coll. Assts.	235 24	
Queens—Coll. Assts.	266 90	
Richmond—Coll. Assts.	21 91	
		5,844 90
Int. Tax Sale Liens Receivable, Bx.—Coll. Assts.		1,526 33
Int. Prin. and Int. 26th Wd. Bds., Bklyn—Coll. Assts.		32 43
Int. Assessments, Bklyn.—Coll. Assts.		24 03
Int. Opening, Etc., Bedford Ave., Bklyn.—Coll. Assts.		14 57
Subpoena Fees, Bklyn.—Coll. Assts.		50
Vill. Flushing, Water Rents, Queens—Coll. Assts.		145 84
Vill. Flushing, Int. Water Rents, Queens—Coll. Assts.		22 53
Ar. Water Rents, Richmond—Coll. Assts.		185 00
Int. Water Rents, Richmond—Coll. Assts.		22 91
Int. Ar. Taxes, 1898, Etc., Man. and Bronx—Coll. Assts.		450 63
Int. Assts., St. and Pk. Opgs., Man. and Bronx—Coll. Assts.		156 19
Int. Assts., Brooklyn—Coll. Assts.		24 61
Int. Ar. Taxes, 1897, Etc., Queens—Coll. Assts.		293 95
Notices on Sales Ar. Taxes, Queens—Coll. Assts.		1 00
Int. Ar. Taxes, 1897, Etc., Richmond—Coll. Assts.		10
Chamberlain's Commns.—Bruere		1,981 12
Commr. Licenses—Bell		4,175 00
Dept. Bridges—Kracke		575 00
Dept. Docks—Smith		1 00
Dept. Education—Cook		29 00
Dept. Finance, Miscellaneous—Compr.		2,284 65
Dept. Finance, Coll. City Rev.—Goodacre.		24,349 97
Dept. Finance, City Paymaster—Timm.		721 35
Police Dept.—Woods		48,262 50
Dept. W. S., G. and E., Man.—Williams.		370 86
Dept. W. S., G. and E., Bronx—Williams.		139 88
Dept. W. S., G. and E., Queens—Williams.		379 24
Dept. W. S., G. and E., Richmond—Williams.		1,819 26
Licenses—Cashman		60 00
Pres., Bor.. Man.—Marks		187 65
Pres., Bor. Bronx—Mathewson		126 17
Pres., Bor. Brooklyn—Pounds.		6 93
Pres., Bor. Brooklyn, Bur. Sewers—Pounds.		1,111 95
Pres., Bor. Queens—Connolly.		356 16
Pres., Bor. Richmond—McCormack.		45 00
Sundry Licenses, Man. and Bx.—Rosenthal.		4,041 25
Sundry Licenses, Brooklyn—Rosenthal.		1,020 50
Sundry Licenses, Queens—Rosenthal.		171 00
Sundry Licenses, Richmond—Rosenthal.		28 00
Sheriff's Fees, Kings County—Swasey.		528 14
		134,138 01
373, 1913, Bellevue and Allied Hosps.—Timm.		72 00
3422, 1913, Dept. Education, Gen. Sch. Fd.—Timm.		6,724 04
536, 1913, Dept. Health—Timm.		33 87
942, 1913, Dept. Public Charities—Timm.		3 33
1159, 1913, Police Dept.—Compr.		94 87
2527, 1913, Rent—Compr.		270 00
2710, 1914, Brooklyn Disciplinary Training School—Timm.		13 57
2853, 1914, Dept. Docks and Ferries—Smith.		10 00
850, 1914, Dept. Education—Timm.		317 18
857, 1914, Dept. Education—Timm.		6 00
1852, 1914, Dept. Education, Spec. Sch. Fd.—Timm.		10 42
3550, 1913, Dept. Education, Spec. Sch. Fd.—Timm.		125 00
850, 1914, Dept. Education—Compr.		2 09
1832, 1914, Dept. Health—Timm.		18 00
1834, 1914, Dept. Health—Timm.		3 54
1844, 1914, Dept. Health—Timm.		45 00
1851, 1914, Dept. Health—Timm.		4 45
1114, 1914, Dept. Parks—Timm.		3 34
1912, 1914, Dept. Public Charities—Timm.		19 36
2169, 1914, Dept. W. S., G. and E.—Timm.		26 94
1662, 1914, Fire Dept.—Timm.		27 88
1701, 1914, Fire Dept.—Compr.		34 00
1712, 1914, Fire Dept.—Compr.		50 00
3146, 1914, National Guard—Timm.		12 00
354, 1914, Pres., Bor. Manhattan—Timm.		88 89
357, 1914, Pres., Bor. Manhattan—Timm.		66 67
378, 1914, Pres., Bor. Bronx—Timm.		58 75
460, 1914, Pres., Bor. Bronx—Mathewson.		85
481, 1914, Pres., Bor. Bronx—Mathewson.		8 71
576, 1914, Pres., Bor. Brooklyn—Timm.		2 50
662, 1914, Pres., Bor. Queens—Timm.		75 00
3090, 1914, Register, New York Co.—Timm.		40 00
3093, 1914, Register, New York Co.—Timm.		3 33
2125, 1914, Tenement House Dept.—Timm.		35 71
2127, 1914, Tenement House Dept.—Timm.		46 43
2128, 1914, Tenement House Dept.—Timm.		59 37
3388, 1914, District Attorney, Kings Co.—Cropsey.		200 00
R. D. B. 2, Municipal Garage—Kracke.		144 95
Pro. Sale Corporate Stock Notes, Var. Mun. Purposes—		
3%—Commrs. Sinking Fund.	$500,000 00	
3¾%—Goldman, Sachs & Co.	1,191,923 29	
		1,691,923 29
Pro. Sale Corporate Stock Notes, Provide Supply Water—		
3%—Commrs. Sinking Fund.	$500,000 00	
3 11-16%—Goldman, Sachs & Co.	761,285 56	
		1,261,285 56
Pro. Sale Corporate Stock Notes, Cons. Rapid Transit Rds.		2,061,218 61
Manhattan and Bronx.		
Ar. Taxes, 1898, Etc.—Coll. Assts.		345 48
St. Impt. Fund, June 15, 1886—Coll. Assts.		1,447 02
Int. Assts., St. Impt. Fund—Coll. Assts.		1,341 66
Fund St. and Park Openings—Coll. Assts.		56 23
Towns of Westchester, Taxes—Coll. Assts.		21 69
Towns of Westchester, Int. Taxes—Coll. Assts.		30 96
Brooklyn.		
Ar. Taxes, 1897, Etc.—Coll. Assts.		14 31
Local Impt., Late Town New Utrecht—Coll. Assts.		248 47
Queens.		
Ar. Taxes, 1897, Etc.—Coll. Assts.		185 23
General Impt. Commn., Inst.—Coll. Assts.		700 76
Int. General Impt. Commn., Inst.—Coll. Assts.		162 15
Int. General Impt. Commn., Full Paymt.—Coll. Assts.		72 50
Assts., Local Impt., Various Villages—Coll. Assts.		2 45
Int. Assts., Local Impt., Various Villages—Coll. Assts.		3 93
Richmond.		
Ar. Taxes, 1897, Etc.—Coll. Assts.		27 99
Asst., Local Impt., Village New Brighton—Coll. Assts.		23 75
		10,980,210 45
		$59,286,914 05
Balance, May 16th, 1914		47,033,574 64

DR.

REVENUE BOND FUND ACCOUNTS.

Armory Board	$120 00
County Clerk, Bronx, 1914.	133 55
Claims	2,478 68
Public Service Commn., 1st Dist., N. Y., Exps. of 1913.	25 00
Public Service Commn., 1st Dist., N. Y., Exps. of 1914.	6,331 40
County Court, Bronx, 1914.	26 88
Surrogate's Court, Bronx, 1914.	12 05
District Attorney, New York County, Special Expenses in Connection with the Prosecution of Henry Siegel et al.	4,122 38
District Attorney, Bronx County, 1914.	157 40
Municipal Garage, Maintenance and Supplies.	958 88
Dept. Education, Expenses of Study of Conditions Incidental to the Location of Schools	115 00
Dept. Health, Alterations and Equipment of New Quarters in Centre Street	229 14
Additional Lighting to Public Buildings, Brooklyn.	11,645 29
Judgments	4,715 43
Payment of County Charges and Expenses.	2,637 39
Payment of Premium on Bonds of Municipal Officers, Etc.	109 99
Payment of Premium on Bonds of County Officers, Etc.	134 15
Experimental Sewerage Purification Work at 26th Wd. Plant, Brooklyn	52 50
Unsafe Buildings, Brooklyn, Section 157 of Building Code.	33 62
Pres., Manhattan, Altering, Furnishing and Equipping Premises 151 East 57th Street for Use of Various Courts.	638 55
Pres., Bor. Manhattan, Supplies, Etc., for Operating the Municipal Building, 1913	757 10
Pres., Bor. Queens, Purchase, Operation and Maintenance of One Automobile, 1913	167 75
Register, Bronx County, 1914	238 38
Sheriff, Kings County, Furnishing and Equipping Civil Prison.	167 00
Sheriff, Bronx County, 1914.	123 34
CORPORATE STOCK ACCOUNTS.	
Armory Fund	84,686 45
New Bellevue Hosp., Cons. of.	57,029 81
New Harlem Hosp., Furnishing and Equipping for Service, Etc.	125 00
Dept. Public Charities	8,926 81
Sea View Hosp., Staten Island.	660 00
New Water Supply of The City of New York.	289,273 71
Metropolitan Sewerage Commn. of New York.	4 40
Bronx Parkway Commn., Preparation of Maps, Etc.	271 49
Rapid Transit Cons. Fund, Man. and Bronx.	563 20
Rapid Transit Cons. Fund, Brooklyn.	166,408 92
Rapid Transit Cons. Fund, Bronx.	80,019 34
Interboro Rapid Transit Company.	880 00
Rapid Transit Cons. Fund, Contract.	37,475 92
N. Y. Municipal Railway Corporation.	22,876 47
Rapid Transit Cons. Fund, Contract No. 4, Track Material.	37,039 00
College of The City of New York.	58 22
Bridge Over the East River Between Manhattan and Bronx.	20 16
Brooklyn Bridge, Reconstructing Westerly or Manhattan Terminal.	15,312 23
Municipal Building, Architect's Services.	3,832 18
Williamsburgh Bridge, Strengthening Structure.	56 87
Williamsburgh Bridge, Additional Passenger Platform and Stairways, Brooklyn Side	2,578 98
Dept Bridges, Salaries and Wages of Engrg. Cons. Force.	1,888 50
Dept. Bridges, Supp. and Materials, Etc., for Engrg. Cons. Force.	165 88
Dept. Bridges, Contingent Expenses of Engrg. Cons. Force.	17 92
Dept. Docks and Ferries.	11,586 46
Dept. Education, Building Bureau.	93 53
School Building Fund, Manhattan and Bronx.	1,125 00

Dr.	
School Building Fund, Queens	394 00
School Building Fund, Interior Cons. and Equipment	3,820 00
School Building Fund, Portable Buildings	622 80
School Buildings, Cons. and Equipment	35,295 10
Dept. Health, Building Fund	435 56
Dept. Parks, Manhattan and Richmond	5 00
Inpt. and Cons. of Parks, Parkways, Etc., Manhattan and Richmond	3 75
Erection and Completion of Playhouses and Toilet Facilities in the Playgrounds Throughout the City	982 80
Metropolitan Museum of Art	43,260 29
Parks, Dept. of, Manhattan and Richmond, Reconstruction of Bulkheads, Easterly Wall of Speedway, Between 155th Street and Dyckman Street	16,793 43
Dept. Parks, Manhattan and Richmond, Cons. of Bulkheads at Corlears Hook Park	5 00
Dept. Parks, Brooklyn and Queens	177 00
Inpt. and Cons. Parks, Parkways, Etc., Brooklyn and Queens	108 00
Museum of Arts and Sciences, Brooklyn	651 58
Inpt. Parks, Brooklyn and Queens	1,542 73
New York Zoological Park	340 50
Dept. Parks, Queens	387 00
Construction and Establishment of a High Pressure Water System, Etc., Manhattan	12 93
Extension of High Pressure Water Supply for Fire Service to Gowanus and South Brooklyn Districts	955 00
Water Fund, Manhattan and Bronx	318 00
Water Fund, Richmond	15 25
Water Fund, East of The Bronx	1,714 53
Wat. Supp. Sys., Brooklyn, Additional Hydrants	71 86
Wat. Supp. Sys., Queens, Distribution Mains	844 61
Wat. Supp. Sys., Manhattan and Bronx, Additional Hydrants	10,165 24
Wat. Supp. Sys., Brooklyn, Cross Connecting Old Distribution Mains	6,798 35
Wat. Supp. Sys., Brooklyn, Cons. of Administration Building at the North Portland Avenue Repair Yard	361 80
Wat. Supp. Sys., Brooklyn, Permanent Betterments and Additions to the Pumping Station on Brooklyn Water Shed	3,918 06
Wat. Supp. Sys., Richmond, Additional Distribution Mains	131 75
Wat. Supp. Sys., Richmond, Machinery and Equipment for New Grant City Pumping Station	11 70
Wat. Supp. Sys., All Boroughs, Corporate Allowance, 1914	3,740 42
Fire Alarm and Telegraph System, Installation of New System	42 00
Fire Dept., Underground Electrical Conductors, Brooklyn	15 00
Fire Dept., Manhattan, Erectn. of Bldgs., Acqn. of Sites, Etc	600 00
Fire Dept., Brooklyn, Erectn. of Bldgs., Acqn. of Sites, Etc	615 28
Fire Dept., Queens, Erectn. of Bldgs., Acqn. of Sites, Etc	11,441 20
Fire Dept., Richmond, Erectn. of Bldgs., Acqn. of Sites, Etc	1,668 55
Fire Alarm System, Manhattan	770 00
Fund for Payment of Assessments Imposed Against the City	4 60
Fund for Street and Park Openings	120,200 94
Fund for Topographical Work, All Boroughs	11 10
Street Improvement Fund	164,014 96
Fund for Restoring Pavements	27 60
Redemption of Notes of The City of New York Issued in Anticipation of the Sale of Corporate Stock of The City of New York to Provide the Supply of Water	1,609,775 01
Redemption of Notes of The City of New York Issued in Anticipation of the Sale of Corporate Stock of The City of New York for Various Municipal Purposes	3,287,337 90
Refunds Payable, Corporate Stock	1,719 18
Carnegie Library, Brooklyn, Purchase of Original Stock of Books	4,450 60
Repaving Streets, Brooklyn	22 65
Police Dept. Fund, Sites and Buildings	875 00
Bureau Buildings, Manhattan, New Furniture, Filing Cabinet and Equipment for Office	42 08
Completion of Borough Map, Manhattan	146 07
Cons. and Equipment of Asphalt Repair Plant, Manhattan	255 00
Public Baths Fund, Manhattan	2,125 00
Reconstruction of Sewers, Manhattan	468 00
Repaving Streets, Manhattan	3,694 00
Widening, Repaving and Otherwise Improving Roadways of Streets, Manhattan	615 74
Cons. of Wing Wall, Etc., on Jackson Avenue, Between Shell Road and Flushing Bridge, Queens	4 00
Fund for Topographical Bureau, Queens	177 12
Acquisition of Land and Cons. of Refuse Destructor at Ridgewood, Queens	15 00
Public Comfort Stations, Cons. of Two, Queens	2,345 00
Queens County Court House, Rebuilding of	51 00
Repaving Streets, Queens	4,600 37
Repaving Streets, Richmond	20,127 24
Street Cleaning, New Stock or Plant, Richmond	2 20
Cons. and Equipment of a Court House, Bronx	30 00
Grand Boulevard and Concourse, Cons. of Transverse Roads at Bedford Park Boulevard, 170th to 174th Streets	27 00
Repaving Streets, Bronx	17,150 36
Special and Trust Fund Accounts.	
Street Improvement Fund	770 00
Anti Toxine Fund	171 61
Cons. of Private Sewers, Brooklyn	3 75
Cons. of Private Sewers, Queens	52 17
Dept. Education, Maintenance of Training Schools	950 88
Excise Taxes	774 40
Receipts and Expenses of Tax Sales	25 00
Brooklyn Bridge, Maintenance and Repairs, 1914	4,617 03
Normal College, Special High School Fund	59 54
Public School Library Fund	938 16
Restoring and Repaving, Special Fund, Bronx	404 74
Restoring and Repaving, Special Fund, Brooklyn	3,019 85
Restoring and Repaving, Special Fund, Manhattan	13,311 14
Restoring and Repaving, Special Fund, Queens	503 74
Restoring and Repaving, Special Fund, Richmond	109 14
Restoring and Repaving, Special Fund, Dept. Parks, Brooklyn and Queens	9 50
Sales of City Property	346 82
Unsafe Building Fund, Brooklyn	25 00
Water Meter Fund No. 2	138 41
Water Meter Fund, Brooklyn	62 48
Water Meter Fund, Queens	13 51
Williamsburgh Bridge, Maintenance and Repairs, 1914	2,989 31
Maintenance and Distribution of Water Supply, Bklyn., 1911	4,951 10
Maintenance and Distribution of Water Supply, Bklyn., 1912	655 84
Maintenance and Distribution of Water Supply, Bklyn., 1913	764 17
Special Trade School Fund, Manhattan	337 50
Maintenance and Distribution of Water Supply, Bklyn., 1914	20,611 43
Refunds Payable Accounts, Special	320 62
Dept. Street Cleaning, Special Deposit of the Clarke Contracting Company	4,410 60
Contract and Other Payments in Suspense	1,824 13
Unclaimed Salaries and Wages	1,243 94
Refunding Assessments Paid in Error, Bronx	1 46
Refunding Taxes Paid in Error, Brooklyn	2 28
Croton Water Rent Refunding Account	6 94
	6,312,884 28
1910.	
Dept. Education	$262 00
1911.	
Dept. Education	30 00
1912.	
Dept. Health	238 98
Dept. W. S., G. and E.	4,748 24
Dept. Education	66 05
Rent	900 00
Pres., Bor. Brooklyn	177 15
Pres., Bor. Queens	5 70
1913.	
Bd. of Aldermen and City Clerk	1 52
Dept. Finance	50 00
Dept. Docks and Ferries	165 00
Bellevue and Allied Hosps.	584 56
Dept. Correction	6,781 49
Dept. Health	2,074 88
Dept. W. S., G. and E.	5,328 86
Dept. Public Charities	6,619 45
Police Dept.	4 16
Bd. of City Record	1,249 77
Dept. Street Cleaning	65 31
Fire Dept.	3,899 90
Bd. of Coroners, Brooklyn	115 00
Municipal Civil Service Commn.	19 50
Armory Board	297 77
Bd. of Estimate and Apportionment	204 65
Municipal Courts of The City of New York	55 55
Rent	1,476 00
Pres., Bor. Manhattan	186 45
Pres., Bor. Bronx	21 66
Pres., Bor. Brooklyn	8 25
Pres., Bor. Queens	899 59
Pres., Bor. Richmond	76 10
College of The City of New York	492 10
Normal College of The City of New York	298 72
Dept. Education	11,997 29
County of New York.	
District Attorney	29 30
Sheriff	58 60
County of Kings.	
Public Administrator	76 45
County of Queens.	
County Clerk	75

Dr.		
County of Richmond.		
Sheriff	5 50	
1914.		
Bd. of Aldermen and City Clerk	103 45	
Bd. of Estimate and Apportionment	3,539 71	
Commrs. of the Sinking Fund	47 50	
Dept. Finance	7,666 33	
City Chamberlain	51 36	
Law Dept.	4,702 62	
Dept. Taxes and Assessments	55 20	
Bd. of Elections	10 00	
Municipal Civil Service Commn.	263 54	
Commrs. of Accounts	295 10	
Bureau of Weights and Measures	326 41	
Bureau of Licenses	264 00	
Examining Board of Plumbers	70 00	
Pres., Bor. Manhattan	97,047 12	
Pres., Bor. Bronx	14,884 29	
Pres., Bor. Brooklyn	17,851 56	
Pres., Bor. Queens	29,938 13	
Pres., Bor. Richmond	6,782 47	
Dept. Education	282,540 15	
College of The City of New York	3,299 40	
Normal College of The City of New York	1,440 50	
Permanent Census Board	810 75	
Dept. Parks	105,703 42	
Bronx Parkway Commn.	7 27	
Public Recreation Commn.	411 00	
Staten Island Association of Arts and Sciences	10 00	
Brooklyn Public Library	15,368 15	
Police Dept.	2,418 09	
Fire Dept.	9,661 08	
Armory Board	1,000 94	
Bd. of Building Examiners	4 00	
United States Volunteer Life Saving Corps	182 25	
Dept. Health	6,770 51	
Dept. Public Charities	60,382 77	
Bellevue and Allied Hosps.	29,201 11	
Tenement House Dept.	363 70	
Dept. W. S., G. and E.	33,022 10	
Dept. Street Cleaning	328,795 12	
American Female Guardian Society and Home for Friendless	4,588 82	
Bushwick and East Brooklyn Dispensary Association	398 21	
Brooklyn Home for Blind, Crippled and Defective Children	3,534 13	
Colored Orphan Asylum and Association for the Benefit of Colored Children in the City of New York	2,284 50	
Church Charity Foundation of Long Island	63 91	
Five Points House of Industry	3,436 06	
German Hosp. of Brooklyn	1,151 40	
German Odd Fellows' Home and Orphan Asylum	22 14	
German Hosp. and Dispensary	1,475 40	
Good Counsel Training School for Young Girls	1,430 20	
Hebrew Infant Asylum of the City of New York	4,106 03	
Hebrew Sheltering Guardian Society	39 85	
House of Mercy	500 51	
Hope Farm	1,869 84	
House of St. Giles the Cripple	416 02	
Har Moriah Hosp.	704 50	
Howard Orphanage and Industrial School	53 15	
Institution of Mercy	10,026 83	
International Sunshine Branch for the Blind	372 00	
Missionary Sisters, Third Order of St. Francis	10,322 54	
Mission of the Immaculate Virgin for the Protection of Homeless and Destitute Children	18,312 73	
Misericordia Hosp.	1,857 87	
New York Catholic Protectory	30,563 44	
New York Juvenile Asylum	4,436 45	
New York Foundling Hosp.	29,567 22	
New York Nursery and Childs' Hosp.	6,240 27	
Norwegian Lutheran Deaconesses Home and Hosp.	977 94	
New York Magdalen Home	2 05	
Orphan Home, Brooklyn	8,282 14	
St. Mark's Hosp. of New York City	254 70	
Sydenham Hosp.	755 40	
Sacred Heart Orphan Asylum	698 28	
St. Michael's Home	1,367 78	
St. Joseph's Asylum	7,877 61	
Sheltering Arms Nursery of Brooklyn	738 57	
Ozanam Home for Friendless Women	417 70	
The Babies Hosp. of the City of New York	503 55	
The Lakeview Home	164 70	
The Philanthropin Hosp.	165 60	
The Jewish Protectory and Aid Society	3,909 63	
Volunteer Hosp.	228 05	
Washington Heights Hosp.	388 90	
Catholic Institute for the Blind	538 00	
Vocational Training	2,248 47	
Commitment of Insane Persons	150 00	
Dept. Correction	21,411 88	
Bd. of Inebriety	17 40	
Brooklyn Disciplinary Training School for Boys	54 54	
Dept. Bridges	8,025 14	
Dept. Docks and Ferries	66,535 57	
City Court of New York	49 35	
Court of Special Sessions of The City of New York	214 95	
City Magistrates' Courts, First Division	154 25	
City Magistrates' Courts, Second Division	49 20	
Municipal Courts of The City of New York	824 63	
Bd. of Coroners, Bronx	5 00	
Bd. of Coroners, Brooklyn	28 29	
Bd. of Coroners, Queens	5 00	
Bd. of City Record	8,422 41	
Advertising	15,151 33	
Interest on the City Debt	171,924 15	
Redemption of the City Debt	1,000 00	
Rent	7,451 00	
State Tax, New York County	1,102,693 46	
State Tax, Kings County	319,770 65	
State Tax, Queens County	87,777 52	
State Tax, Richmond County	15,192 88	
Repairs and Maintenance of City Owned Buildings	72 00	
Memorial Day Observances, Bronx	1,000 00	
Memorial Day Observances, Queens	300 00	
Twenty-first Installment on Account of Sea Breeze Avenue, Brooklyn	864 27	
Memorial Committee of the Army and Navy Union	1,000 00	
County of New York.		
County Clerk	33 49	
District Attorney	560 80	
Register	8 40	
Commr. of Records	86 46	
Commr. of Jurors	297 76	
Sheriff	175 40	
Supreme Court, First Dept.	548 00	
Court of General Sessions	42 95	
Surrogates' Court	37 90	
Disbursement and Fees in Compliance with Section 658, Etc.	675 00	
Fees of Stenographers for Transcribing Minutes of Trials in the Court of General Sessions and Supreme Court, Etc.	310 40	
Bd. of City Record	9 90	
County of Bronx.		
Commr. of Jurors	12 41	
County of Kings.		
County Clerk	58 01	
District Attorney	305 61	
Register	130 96	
Commr. of Records	24 66	
Commr. of Jurors	7 45	
Public Administrator	163 75	
Sheriff	356 62	
St. Joseph's Institute for the Improved Instruction of Deaf Mutes	6,740 14	
Supreme Court, Second Dept.	99 02	
Surrogate's Court	1,262 49	
Fees and Expenses of Jurors	255 50	
County of Queens.		
County Clerk	57 98	
District Attorney	190 50	
Sheriff	159 86	
National Guard and Naval Militia	765 61	
Supreme Court	12 25	
Bd. of City Record	13 13	
Contingencies	660 00	
County of Richmond.		
Sheriff	43 00	
Contingencies	42 40	
Moneys Refundable from the General Fund	82 77	
Sheriff's Fees, New York County	30 17	
Forfeited Recognizances, Kings County	1,000 00	
Forfeited Recognizances, N. Y. County	1,300 00	
Revenue Bonds of 1911	94,966 08	
Revenue Bonds of 1912	651,507 90	
Revenue Bonds of 1913	2,059,540 18	
Refunds Payable, General Fund	5,578 91	
		5,940,455 13
		$12,253,339 41
Balance		47,033,574 64
		$59,286,914 05

The Commissioners of the Sinking Funds of The City of New York in Account with Henry Bruere, Chamberlain, For and During the Week Ending May 16th, 1914.

SINKING FUND REDEMPTION.

Credit.

May 9th, 1914, Balance			$6,587,614 77
May 16th, 1914.			
Privileges—Goodacre		$641 50	
Rent—Goodacre		3,467 43	
Sundry Licenses, Man. and Bx.—Rosenthal	$12,322 50		
Sundry Licenses, Brooklyn—Rosenthal	2,032 50		
Sundry Licenses, Queens—Rosenthal	22 50		
Sundry Licenses, Richmond—Rosenthal	10 00		
		14,387 50	
Street Vaults, Manhattan—Marks	$4,078 49		
Street Vaults, Bronx—Mathewson	297 00		
Street Vaults, Brooklyn—Pounds	193 76		
Street Vaults, Queens—Connolly	65 40		
		4,634 65	
Licenses—Cashman		688 00	
Rents, Dept. Docks—Smith		163,230 07	
Chamberlain's Commn. on State Taxes		8,455 79	
Interest on City Treasury Balances		2,040 91	
Interest on Deposits		43 83	
			197,589 68
Balance, May 16th, 1914			$6,785,204 45

SINKING FUND INTEREST.

Credit.

May 9th, 1914, Balance			$2,811,784 07
May 16th, 1914.			
Ar. Croton Water Rents, 1898, Etc..—Rec. Taxes		$14,508 81	
Ar. Croton Water Rents, 1898, Etc.—Coll. Assts		5,446 79	
Int. Croton Water Rents 1898, Etc.—Coll. Assts		831 58	
Croton Rents and Penalties, Man.—Williams	$78,967 21		
Croton Rents and Penalties, Bronx—Williams	11,832 38		
		90,799 59	
Rents Coll., City Revenue—Goodacre		7,356 75	
Tolls—Smith		23,345 12	
Privileges—Smith		5,345 42	
Ferry Rents—Smith		37,055 49	
Interest on Deposits		755 13	
			185,444 68
			$2,997,228 75

Debit.

Refunding Portion of Amount Paid for the Bootblacking Privileges on the Ferryboats Operating on the Stapleton Ferry		$6 66	
Investment in 3% Notes of The City of New York Issued in Anticipation of the Sale of Corporate Stock of The City of New York for Various Municipal Purposes		500,000 00	
Investment in 3% Notes of The City of New York Issued in Anticipation of the Sale of Corporate Stock of The City of New York to Provide Supply of Water		500,000 00	
			1,000,006 66
Balance, May 16th, 1914			$1,997,222 09

SINKING FUND OF CITY OF NEW YORK.

Credit.

May 9th, 1914, Balance			$1,233,075 39
May 16th, 1914.			
Revenue from Investment			280 00
Balance, May 16th, 1914			$1,233,355 39

SINKING FUND OF THE CITY OF BROOKLYN.

Credit.

May 9th, 1914, Balance			$247,929 79
May 16th, 1914.			
Prospect Park Impt., Inst.—Coll. Assts		$371 38	
Prospect Park Impt., Full Paymt.—Coll. Assts		24 58	
Int. Prospect Park Impt., Inst.—Coll. Assts		22 09	
Interest on Deposits		22 56	
			440 61
Balance, May 16th, 1914			$248,370 40

INTEREST REGISTERED.

Credit.

May 9th, 1914, Balance			$284,340 09
May 16th, 1914, Interest Registered			4,900 00
			$289,240 09

Debit.

May 16th, 1914, Interest Registered			79,555 43
Balance, May 16th, 1914			$209,684 66

JURY FEES.

Credit.

May 9th, 1914, Credit Balance, New York Co.		$66,558 00	
May 16th, 1914, Debit, New York Co., 1913	$2 00		
May 16th, 1914, Debit, New York Co., 1914	14,560 00		
		14,562 00	
			$51,996 00
May 9th, 1914, Credit Balance, Bronx Co.		$1,782 00	
May 16th, 1914, Debit, Bronx Co., 1914		828 00	
			954 00
May 9th, 1914, Credit Balance, Kings Co.		$39,696 00	
May 16th, 1914, Debit, Kings Co., 1914		3,958 00	
			35,738 00
May 9th, 1914, Credit Balance, Queens Co.		$10,464 60	
May 16th, 1914, Debit, Queens Co., 1914		2,192 80	
			8,271 80
May 9th, 1914, Credit Balance, Richmond Co.		$11,790 20	
May 16th, 1914, Debit, Richmond Co., 1914		165 30	
			11,624 90
Balance, May 16th, 1914			$108,584 70

WITNESS FEES.

May 9th, 1914, Credit Balance, New York Co.		$11,852 57	
May 16th, 1914, Debit, New York Co., 1913	$1 00		
May 16th, 1914, Debit, New York Co., 1914	449 48		
		450 48	
			$11,402 09
May 9th, 1914, Credit Balance, Bronx Co.		$451 06	
May 16th, 1914, Debit, Bronx Co., 1914		10 74	
			440 32
May 9th, 1914, Credit Balance, Kings Co.		$4,647 76	
May 16th, 1914, Debit, Kings Co., 1914		50 28	
			4,597 48
May 9th, 1914, Credit Balance, Queens Co.			574 44
May 9th, 1914, Credit Balance, Richmond Co.			1,028 98
Balance May 16th, 1914			$18,043 31

REDEMPTION OF COUPON BONDS.

Credit.

May 9th, 1914, Balance	$38,000 00
Debit.	
May 16th, 1914, Redemption of Coupon Bonds	3,000 00
Balance, May 16th, 1914	$35,000 00

Fire Department.

Abstract of Transactions May 18 to May 23, 1914.

MAY 18.

Hearing—The following penalty was imposed as the result of hearing before the Fire Commissioner May 14, 1914: Temporary Laborer Charles C. LaCour, Division of Apparatus (Repair Shops), Manhattan, Bronx and Richmond, for absence without leave and disobedience of orders. Reprimanded.

Appointed—To take effect from 9 a. m., May 15, 1914: Walter Mahon, as Inspector of Fire Alarm boxes, Bureau of Fire Alarm Telegraph, Manhattan, for an emergency period of fifteen days, at rate of $1,200 per annum, pursuant to Civil Service rule 12, paragraph 4.

Appointment Renewed—To take effect 8 a. m. May 3, 1914: Temporary Laborer Charles C. LaCour, Division of Apparatus (Repair Shops), Manhattan, Bronx and Richmond, for an additional period of three months, at rate of $3 per diem.

Death Reported—Architectural Draftsman George A. Wheeler, Division of Buildings, Bureau of Repairs and Supplies, at 2 a. m., May 13, 1914.

Fires Reported—Manhattan, Bronx and Richmond, 147; Brooklyn and Queens, 79.

MAY 19.

Appointed—To take effect 8 a. m., May 20, 1914: Ununiformed Fireman to be Fourth grade Fireman at rate of $1,000 per annum, with assignments specified: Otto H. Gerig, Engine Co. 71; Robert J. Davis, Hook and Ladder Co. 16.

Transferred—To take effect 8 a. m., May 20, 1914: Fireman Edward P. Murtha, Engine Co. 22 to Engine Co. 91.

Award of Contracts—(Public letting May 5, 1914), for furnishing supplies for Bureau of Fire Alarm Telegraph:

Foote, Pierson & Co., 160 Duane st., Manhattan, Classes 3 and 8, $1,994.50.

Frederick Pearce Company, 18-20 Rose st., Manhattan, Classes 2, 4, 5, 6, 15, 18, 29, 34a, 38, 42, 46 48 and Items 629 to 644, inclusive, 666, 667, 668, 673, 674, 675, 677, 678, $5,797.25.

Western Electric Company, 463 West st., Manhattan, Classes 10, 13, 14, 16, 19, 44, 47 and Items 646, 647, 648, 649, 651, 652, 653, 654, 655, 657 and 658, $4,340.13.

Standard Underground Cable Company, 50 Church st., Manhattan, Class 20, $1,-339.05.

Alfred Chatwin Supply Company, 401 Broome st., Manhattan, Classes 12, 22, 23, 24, 28, 35 and 37 and Items 660, 664 and 665, $1,076.77.

Open Market Awards—(Same letting). Knickerbocker Supply Company, 189-191 Franklin st., Manhattan, Classes 21 and 27, $47.33.

Stanley & Patterson, Inc., 23 Murray st., Manhattan, Classes 17, 34 and 34b, $859.20.

H. T. Dakin, 90 West Broadway, Manhattan, Class 33, $38.58.

George T. Montgomery, 105 Fulton st., Manhattan, Classes 31, 39, 40, 41, 43 and 45, $654.54.

William Zinsser & Co., 195 William st., Manhattan, Classes 26 and 32, $306.08.

Merchant & Evans Co., 242 Water st., Manhattan, Class 36, $308.55.

Manhattan Electrical Supply Company, 17 Park place, Item 679, $67.50.

John Simmons Company, 110 Centre st., Manhattan, Items 659, 661, 662 and 663, $326.80.

C. J. Tagliabue Manufacturing Company, 18-88 33d st., Brooklyn, Item 676, $6.30.

No awards were made for Classes 9, 11 and 30 and Item 645.

Bills Audited—Contracts, $20,789.47.

MAY 20.

Retired—To take effect 8 a. m., June 1, 1914: Fireman August Hussong, Jr., Engine Co. 45, on annual pension of $700.

Appointment Revoked—To take effect 8 a. m. May 19, 1914: Charles W. Brown, Jr., as Ununiformed Fireman for a probationary period of three months at rate of $1,000 per annum with assignment to Engine Co. 6, he having failed to report for duty.

Bills Audited—Open market orders, $1,-917.04.

MAY 21.

Trials—The following fines and penalty were imposed and action taken as result of trials held on dates specified:

Before the Fire Commissioner May 21, 1914: Fireman Edward Stewart, Engine Co. 54,-for absence without leave, two charges, the first for five consecutive days, the second for 20 hours and 45 minutes. Dismissed the service of the Department to take effect May 22, 1914. Fireman Leonard Berroth, Hook and Ladder Co. 10, for disrespectful language. Three days' pay. Fireman John Schulze, Hook and Ladder Co. 10, for absence without leave. One day's pay.

Before the Deputy Commissioner, Brooklyn and Queens, May 13, 1914: Captain Leland D. Potter, Engine Co. 286, for violation of section 72, Rules and Regulations, 1912. Reprimanded. Fireman Bernard P. Mullen, Engine Co. 255, for being under the influence of liquor, drug or compound. Dismissed the service of the Department from 8 a. m. May 22, 1914. Fireman William F. Fugelseng, Engine Co. 258, for neglect of duty. Reprimanded.

Sentence suspended: (Tried before Deputy Fire Commissioner, Brooklyn and Queens, May 13, 1914): Fireman Bernard P. Mullen, Engine Co. 255, for absence without leave (two specifications).

Charge dismissed: (Tried before the Fire Commissioner May 21, 1914): Fireman Maxime J. Bayard, Hook and Ladder Co. 30, for conduct prejudicial to good order

Appointed—To take effect 9 a. m. May 21, 1914: George Featherstone as Deputy Chief Inspector, Bureau of Fire Prevention, Boroughs of Brooklyn and Queens, for an emergency period of fifteen days, at rate of $3,000 per annum, pursuant to paragraph 4, Civil Service rule 12.

Temporary Appointment Renewed—To take effect 8 a. m. May 11, 1914: George E. Bishop as Telephone Operator, Bureau of Fire Alarm Telegraph, Brooklyn and Queens, for an additional period of four months, at rate of $900 per annum.

Emergency Appointment Renewed—To take effect 8 a. m. May 21, 1914: Joseph Perry as Automobile Engineman, Bureau of Fire Alarm Telegraph, Brooklyn and Queens, for an additional period of fifteen days, at rate of $1,200 per annum, pursuant to paragraph 4, Civil Service rule 12.

Dismissed—To take effect as of March 9, 1914: Chief Inspector John J. Kennedy, Bureau of Fire Prevention, for making a false statement to the Chief of said Bureau and for gross neglect of duty and incompetence, he having been suspended March 9, 1914, pending trial of charges.

Contract Executed—For furnishing 12 two-wheel tractors, $44,300; Front Drive Motor Company, 16th st. and Willow ave., Hoboken, N. J., principal; United States Fidelity and Guaranty Company, surety.

Bills Audited—Open market orders, $1,-538.99; contract, $20.537.14.

MAY 22.

Trials—The following fines and penalty were imposed as result of trials before the Fire Commissioner on dates specified:

May 14 and May 21, 1914: Engineer of Steamer Michael J. Kailey, Engine Co. 252, on first mentioned date, for intoxication, and on second specified date for absence without leave (2 charges), the first containing two specifications and the second for five consecutive days. Dismissed the service of Department to take effect 8 a. m. May 22, 1914.

May 22, 1914: Fireman Thomas Leonard, Engine Co. 157, for absence without leave and being under the influence of liquor, drug or compound. Three days' pay.

Reinstated—To take effect 8 a. m. May 27, 1914: James J. Lyons, as Fourth Grade Fireman at rate of $1,000 per annum, with assignment to Engine Co. 53; pursuant to Civil Service rule 13.

Award of Contracts—(Public letting May 21, 1914): For furnishing supplies for Marine Division: Knickerbocker Supply Company, 189-191 Franklin st., Manhattan, Classes 7, 12, 14, 30, 38, 39, 43, 44, 46, 50, 53 and 56 and Items Nos. 639, 642, 644, 648, 650, 658, 663 and 664, $2,-433.43.

Open Market Awards—(Same letting): Combination Rubber Manufacturing Company, 30 Church st., Manhattan, Classes 1, 2 and 3, $952.01.

Jones Packing Company, 30 Church st., Manhattan, Class 4, $363.90.

Manhattan Supply Company, 115-117 Franklin st., Manhattan, Classes 5, 11, 32, 34. 36, 40, 48, 51 and Items 649, 660 and 667, $688.04.

Alfred Chatwin Supply Company, 401 Broome st., Manhattan, Classes 6, 16, 47 and Items 641, 653, 659, 661, 665 and 666, $258.78.

U. T. Hungerford Brass and Copper Company, 497 Pearl st., Manhattan, Classes 9 and 54, $138.30.

George T. Montgomery, 105 Fulton st., Manhattan, Classes 10 and 31, $134.77.

Frederick Pearce Company, 18-20 Rose st., Manhattan, Class 13, $282.53.

Cavanagh Bros. & Co., 207 W. 34th st., Manhattan, Classes 17, 29 and 36a, $316.32.

H. W. Johns-Manville Company, Madison ave. and 41st st., Manhattan, Class 19, $35.41.

William Zinsser & Co., 195 William st., Manhattan, Classes 20, 22, 23 and 26, $683.73.

O. M. Gottesman, 171 Broadway, Manhattan, Classes 21 and 49, $194.88.

Chase, Roberts & Co., West ave. and 5th st., Long Island City, Queens, Class 24, $16.50.

John Lucas & Co., Inc., 521 Washington st., Manhattan, Classes 25 and 27, $942.86.

H. T. Dakin, 90 West Broadway, Manhattan, Classes 28, 35, 41, 42, 52, 55 and Item 655, $434.05.

Baker, Carver & Morrell, 39 Water st., Manhattan, Class 37, $224.25.

Schutte & Koerting Co., Philadelphia, Pa., Items 654 and 657, $91.80.

Crane Company, 490 Cherry st., Manhattan, Items 651 and 652, $6.08.

Nathan Manufacturing Company, 101 Park ave., Manhattan, Classes 643 and 656, $152.

No bids were received for Classes 18, 33 and Items 646 and 647.

No awards were made for Classes 8, 15 and 45 and Items 640, 645 and 682.

Bills Audited—Contracts, $4,919.98.

MAY 23.

Payrolls Audited—Payrolls, all Boroughs, for the current month, aggregating $712,878.89, duly audited, were this day forwarded to the Department of Finance.

ROBERT ADAMSON, Fire Commissioner.

FIRE DEPARTMENT.

Abstract of Transactions from May 25 to May 29, 1914.

MAY 25.

Official Designation—A Special Board was this day created to be known as the Board of Location and Assignment of Apparatus, and the following officers designated thereon: John Kenlon, Chief of Department; Thomas Lally, Deputy Chief of Department; Joseph B. Martin, Deputy Chief of Department; John Binns, Deputy Chief of Department; Thomas R. Langford, Deputy Chief of Department.

The duty of said Board is to make a thorough and comprehensive study of the present distribution of men and apparatus throughout the entire Department and report: 1. In what districts motor apparatus now in service, or to be placed in service in the near future, can be used to best advantage. 2. Whether with the motor equipment now in the Department, or with the equipment to be purchased this year, any readjustment of the company district boundaries is possible, and whether by increasing the radius of operation of motorized companies any reduction in the number of existing companies can be made.

Promoted—To take effect 8 a. m. May 25, 1914: First grade Clerk Frank Roehrig, Bureau of Repairs and Supplies, Division of Apparatus (Repair Shops), Brooklyn and Queens, to be second grade Clerk in said Bureau at rate of $600 per annum.

Resigned—To take effect May 5, 1914: Inspector of Fire Prevention Juliette Arden, Bureau of Fire Prevention, Manhattan, Bronx and Richmond. To take effect May 28, 1914: Fireman Benjamin H. Fay, Hook and Ladder Co. 101.

Contracts Executed—For furnishing and delivering supplies for Division of Buildings: Chilton Paint Company, College Point, Long Island, principal; $1,045.50; Massachusetts Bonding & Insurance Company, surety. East River Mill & Lumber Company, 425 E. 92d st., Manhattan, principal, $2,666.43; National Surety Company, surety. H. T. Dakin, 90 West Broadway, principal; $2,014.01; New England Casualty Company, surety. Brooklyn Lumber Company, 454 Hamilton ave., Brooklyn, principal, $3,398.44; Fidelity and Deposit Company of Maryland, surety.

MAY 26.

Advance in Grade—To take effect at 8 a. m. on dates specified:

June 7, 1914: 2nd to 1st grade Fireman: Edward L. Linehan, Engine Co. 2; Albert Klecka, Engine Co. 5; William Beibel, Engine Co. 12; Ricard T. Burke, Engine Co. 14; Wm. E. Lehmann, Engine Co. 16; Thos. J. Brennan, No. 2, Engine Co. 17; George A. Long, Engine Co. 21; Charles J. Perilla, Engine Co. 24; William L. Runge, Engine Co. 31; Otto Schwarz, Engine Co. 33; Edward Bender, Engine Co. 76; Percy H. A. Nixon, Engine Co. 210; Frank Kass, Jr., Engine Co. 258; Edward J. Fox, Engine Co. 280; John C. Connors, Hook and Ladder Co. 20; Andrew J. Ludwig, Hook and Ladder Co. 36; Henry Dodenhoff, Hook and Ladder Co. 119.

June 8, 1914: 2nd to 1st grade Fireman: James I. Smith, Engine Co. 13; Louis Sinowitz, Engine Co. 25; John Hess, Hook and Ladder Co. 118; Henry C. Biedermann, Hook and Ladder Co. 10.

June 10, 1914: 3rd to 2nd grade Fireman: Thomas H. McQuillan, Hook and Ladder Co. 110.

June 11, 1914: 4th to 3rd grade Fireman: Arthur A. D. Norton, Hook and Ladder Co. 21.

Fires Reported—(Week ended May 23, 1914): Manhattan, Bronx and Richmond, 219; Brooklyn and Queens, 142.

Bills Audited—Open market orders, $988.98; contracts, $10,604.63.

MAY 27.

Bills Audited—Miscellaneous, $506.51; open market orders, $3,371.34.

MAY 28.

Trial—The following penalty was imposed as result of trial before the Fire Commissioner May 28, 1914: Fireman Henry W. Goeckler, Engine Co. 89, for absence without leave (3 charges) and for disobedience of orders. Dismissed the service of the Department from 8 a. m. May 29, 1914.

Contract Executed—For furnishing and delivering supplies for Division of Buildings: F. W. Jesup & Co., 39 Cortlandt st., Manhattan, principal, $1,114.20; United States Guaranty Company, surety.

Bills Audited—Miscellaneous, $39,000; contracts, $20,807.02, $9,690.67.

MAY 29.

Temporary Appointment Renewed—To take effect 9 a. m. May 30, 1914: Walter Mahon, as Inspector of Fire Alarm Boxes, Manhattan, for an additional period of 15 days at rate of $1,200 per annum.

Charge Dismissed—(Tried before the Fire Commissioner May 28, 1914): Fireman Francis J. Cashman, Engine Co. 35, for reckless driving.

Resigned—To take effect 8 a. m. June 1, 1914: Fireman Charles Loughlin, Engine Co. No. 256.

Special Order Amended—Special Order No. 72 relating to retirement 8 a. m. June 1, 1914, on a pension of $1,250 per annum of Captain William H. Nash, Engine Co. 71, was this day amended so as to provide for an annual pension of $1,666.66.

ROBERT ADAMSON, Fire Commissioner.

Bellevue and Allied Hospitals.

A regular meeting of the Board of Trustees of Bellevue and Allied Hospitals was held on Tuesday, May 19th, 1914, at 3.30 p. m.

Present—Dr. Brannan, the President, in the chair; Messrs. Farley, O'Keeffe, Paulding, Robbins and Stern, Trustees; and Mr. Kingsbury, Commissioner of Public Charities. Excused—Mr. Sachs.

The minutes of the meeting of May 5th were held as read and approved.

Bills amounting to $74,949.14 were approved and forwarded to the Comptroller for payment.

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

On May 6th there was a collision between an ambulance of Fordham Hospital and a trolley of the Union car line, in which the ambulance was considerably damaged. On May 7th there was a collision between a Gouverneur ambulance and a car of the Metropolitan Street Railway Company, in which the ambulance was damaged to the extent of about $20. In each case the railroad company has assumed the responsibility of repairing the damages.

It is recommended that Dr. Brock McGeorge Dear be appoined as Interne on the maternity service at Bellevue Hospital, for the period from May 18th to June 30th, 1914, to complete the unexpired term of Dr. DeJesus, who resigned on April 4th. Dr. Dear is a graduate of the University of Virginia and served four years at the German Hospital. He has been recommended by Dr. Edgar and Dr. Flint for this position.

A revision of schedules is requested, to be effective June 1st, 1914, no additional funds being necessary.

Permission is requested to advertise for the fresh meats, Kosher meats, smoked meats, and fish required during the third quarter of the year 1914.

Permission is requested to advertise the auction sale of the waste articles which will accumulate during the twelve months beginning June 1st, 1914.

On separate motion, duly seconded and carried in each instance, action was taken upon the report of the General Medical Superintendent as follows:

The appointment of Dr. Brock McGeorge Dear as Interne on the maternity service at Bellevue Hospital from May 18th to June 30th, 1914, was approved.

On the recommendation of the Committee on Officers and Employees, it was

Resolved, To request the Board of Estimate and Apportionment to revise Schedule 2060, Salaries Temporary Employees, Bellevue Hospital, to meet the present needs of the Department;

It was Resolved, To authorize an advertisement for the fresh meats, Kosher meats, smoked meats, and fish required during the third quarter of the year 1914.

It was Resolved, To authorize an advertisement of the auction sale of the waste articles for the twelve months beginning June 1st, 1914.

REPORTS OF COMMITEES.

Dr. Brannan and Mr. O'Keeffe reported that they had met with the Executive Committee of the Medical Board of Bellevue Hospital on May 13th and that the President had called attention to the recent transfers from Bellevue to the hospitals of the Department of Public Charities of patients who had died within seventy-two hours after transfer. It was further reported that it had been pointed out that the patients transferred were considered those best able to be removed form the crowded wards, and that the percentage who died was very small. The committee also reported that the Executive Committee proposed to put into effect a plan whereby one Physician or Surgeon without pay would be in charge of each division, and recommended that no action be taken until the Executive Committee presents a formal report. On motion, duly seconded and carried, the report of Dr. Brannan and Mr. O'Keeffe was accepted.

The Building Committee reported that they had made inquiry in regard to the contract of Joseph DiBenedetto for the construction of the roof ward at Fordham Hospital, and presented letters in reference to the completion of this work from R. F. Almirall, the architect, under date of February 3rd, May 1st and May 15th, 1914. The Committee also presented a draft of a certificate of completion which they had prepared in accordance with the facts and recommended that it be adopted by the Trustees. After consideration, on motion, duly seconded and carried, it was

Resolved, That the Board of Trustees of Bellevue and Allied Hospitals adopts the certificate of completion presented by the Building Committee as its certificate and determination pursuant to clause R of the contract of Joseph DiBenedetto, and that the same be attached to and made part of the certificate of acceptance of the work of this contractor, to be filed in the office of the Comptroller of the City.

The Building Committee reported that the Century Gas and Electric Fixture Company had completed their contract for the installation of lighting fixtures in the laundry building of Bellevue Hospital, and that as this contract expired on October 24th, 1912, the company had been requested to show cause why liquidated damages should not be assessed against this contract. A reply dated April 17th was presented from Julius H. Zieser, attorney for the assignee of this company, together with letters in regard to the delay in the completion of this contract received from McKim, Mead & White under date of January 22nd and April 29th, 1914. The Building Committee reported that from these letters and reports, as well as from independent inquiry, it had been found that the contractor was delayed by acts or omissions on the part of the City for a total of 412 days, for which no liquidated damages are chargeable, and recommended the adoption of a certificate of completion in accordance with these facts. On motion, duly seconded and carried, it was

Resolved, That the Board of Trustees of Bellevue and Allied Hospitals adopts the certificate of completion presented by the Building Committee as its certificate and determination pursuant to clause R of the contract of the Century Gas and Electric Fixture Company, and that the same be attached to and made part of the certificate of acceptance of the work of this contractor, to be filed in the office of the Comptroller of the City.

COMMUNICATIONS.

A letter dated May 4th was presented from J. H. Freedlander, transmitting a copy of one from the P. F. Kenny Company requesting an extension of time on their contract for the plumbing work of the new ward wing of Harlem Hospital. On motion, duly seconded and carried, this request was referred to the Building Committee.

A letter dated May 6th was presented from McKim, Mead & White, requesting approval of their bills for architectural services in connection with pavilions L and M and I and K, which include 2½ per cent. for the fees for the consulting engineers required in connection with the elevator service. On motion, duly seconded and carried, this communication was referred to the Building Committee.

A letter was presented from J. H. Freedlander dated May 14th, requesting the amendment of his contracts for architectural services in connection with the alterations to the ambulance station and power house and the main building of Harlem Hospital, so as to include 2½ per cent. for the employment of consulting engineers. On motion, duly seconded and carried, this letter was referred to the Building Committee.

A letter dated May 13th was presented from the Department of Finance, stating that the claim of the L. J. Wadsworth Construction Company had been adjusted and requesting that a voucher in favor of L. J. Morrison, assignee of the L. J. Wadsworth Construction Company, for $1,180 be forwarded to the Comptroller's office, the charge to be made against the fund "C. B. H.—13a, New Fordham Hospital, Improvements, Alterations, Etc." On motion, duly seconded and carried, the General Medical Superintendent was directed to prepare a voucher in accordance with this letter.

The minutes of the meeting of the Executive Committee of the Medical Board of Bellevue Hospital held on May 13th were presented. On motion, duly seconded and carried, the nominations of Drs. Schloss, Carlisle, Nagle, MacKenzie and Wallace were referred to the Conference Committee; and appointments to the house staff of the First Division were approved as follows: Dr. Raymond C. Hall, 2 years, July 1st, 1914; Dr. Royce Paddock, 2 years, January 1st, 1915; Dr. Robert S. Irvine, 2 years, July 1st, 1914; Dr. Sylvain B. Wolff, 2 years, January 1st, 1915; Dr. Douglas B. Leitch, 18 months, July 1st, 1914; Dr. Carl H. Fornell, 18 months, January 1st, 1915; Dr. Charles C. Cornish, 1 year, July 1st, 1914; Dr. John F. MacIver, 1 year, July 1st, 1914; Dr. Harry S. Garrett, 1 year, January 1st, 1915; Dr. Francis W. Gravelle, 1 year, July 1st, 1913.

The minutes of the Medical Board of Fordham Hospital for May 4th were presented. On motion, duly seconded and carried, the letter contained therein from Dr. J. H. Telfair, relative to septic cases at Fordham Hospital, was referred to the President and General Medical Superintendent.

A letter was presented from the Commissioners of the Sinking Fund, transmitting copy of a resolution adopted on May 13th approving of the hiring by the State of New York of one horse for experimental purposes for a period of two years from May 15th, 1914, at a nominal rental of $1 for the term. On motion, duly seconded and carried, this communication was ordered placed on file.

A communication dated May 6th was presented from the Board of Estimate and Apportionment, transmitting copy of a resolution adopted on May 1st revising Salary Schedule 2064 as of April 1st, 1914. On motion, duly seconded and carried, this communication was ordered placed on file.

A letter dated May 12th was presented from the Department of Finance, reporting on McKim, Mead & White's bill for the revision of the drawings of pavilions I, K, L and M, and stating that from the information available the amount due the architects did not exceed $4,416, and that the architects are willing to accept the estimate of the engineers of the Department of Finance. On motion, duly seconded and carried, this letter was referred to the Building Committee.

The minutes of the Medical Board of Gouverneur Hospital for May 4th were presented. On motion, duly seconded and carried, the request that provision be made in the Departmental Estimate for 1915 for a paid Pathologist for Gouverneur Hospital was approved; the recommendation that each member of the Medical Board be furnished wth a typewritten copy of the rules and regulations adopted since the issue of the printed copy was approved; and the recommendation that Dr. Frederick Bierhoff, Consulting Cystoscopist, be granted a leave of absence for six months was approved.

The minutes of the Executive Committee of the Medical Board of Bellevue Hospital for April 22nd were presented. On motion, duly seconded and carried, pathological certificates were granted to Drs. C. H. Nammack, McNabb, Auringer, Raymond, Hannah, Yeates and Benedict, who had served for six months on that service. The recommendations in regard to the tuberculosis service were considered; the change in the term of service of the attending Physicians was approved; it was

Resolved, That provision be made in the Departmental Estimate for 1915 for a paid Resident Physician for that service; and it was further

Resolved, To take no action on the recommendations in regard to the change in the location of the wards, the equipment of a laboratory, and the appointment of additional Internes, until pavilions I, K, L and M of the new Bellevue Hospital are opened.

Commissioner Kingsbury asked for permission to withdraw his request of February 6th for a passage from 25th to 26th sts., at the extreme easterly end of the training school grounds, which request was approved.

UNFINISHED BUSINESS.

At the request of Mr. Paulding and Mr. Stern, Dr. John H. Huddleston, President of the Medical Board of Gouverneur Hospital, appeared before the Trustees and stated his plan for providing more Physicians for the ward service of Gouverneur Hospital. After discussion, it was decided, before taking any action, to await the receipt of the written outline of Dr. Huddleston's recommendations requested at the last meeting.

NEW BUSINESS.

The President referred to the advisability of beginning a study in occupational diseases in all the hospitals of the Department, and presented samples of blanks used in the Massachusetts General Hospital. After discussion, it was moved, seconded and carried to authorize the President to arrange with the Medical Boards of Bellevue and the allied hospitals for the introduction of a study of occupational diseases.

Commissioner Kingsbury referred to the desirability of the immediate preparation of both the Tax Budget and the Corporate Stock Budget for the year. After consideration, on motion duly seconded and carried, it was

Resolved, To direct the General Medical Superintendent to begin at once the preparation of the Departmental Estimate for 1915; and it was further

Resolved, To prepare a statement of the corporate stock requirements for the year.

Attention was called to the need of providing a social worker for a period of two months during the summer to assist the Jewish division of the social service department of Bellevue Hospital during the absence of the volunteer workers. After discussion, it was moved, seconded and carried, to approve of the appointment of a social service worker for two months to assist in this department.

A motion to adjourn the meeting was seconded and carried.

J. K. PAULDING, Secretary.

Department of Street Cleaning.

Report for Week Ending April 5, 1914.

Manhattan and Bronx—Incumbrances on hand March 28, 1914, 422; incumbrances seized during the week, 90. Total, 512. Incumbrances redeemed, 69; on hand April 4, 1914, 443.

Manhattan, Bronx and Brooklyn—Moneys transmitted to City Chamberlain: For picking privilege, week ending March 28, 1914, $1,401.21; for picking privilege, week ending April 3d, 1914, $1,401.21; for redemption of incumbrances, 2 weeks ending March 28, $113.90.

Bills and payrolls transmitted to the Comptroller: Open market orders, $1,865.05; miscellaneous, $10,248.21; payrolls, $213,242.20.

Loads of Material Collected.

	Manhattan.	Bronx.	Brooklyn.
Ashes	30,273¾	6,398½	20,558½
Garbage	3,115	832½	1,992¾
Rubbish	3,569¾	533	3,518
Sewer Material	754½	.....	.....
	37,713	7,764	26,069¼

Contracts Executed—March 31, 1914, J. W. Gasteiger & Son, 44 Boerum place, Brooklyn, supplying forage, Brooklyn, $48,175.27; surety, Aetna Accident & Liability Company. April 1, Frank J. Lennon Company, 143 E. 31st st., supplying forage, Bronx, $15,034.62; surety, U. S. Guarantee Company.

J. T. FETHERSTON, Commissioner.

Changes in Departments, Etc.

BOARD OF ESTIMATE AND APPORTIONMENT.

June 13: The transfer of Edward Feeney, from Examiner, in the Department of Finance, to a similar position in the Bureau of Standards of this Board at $3,000 per annum, took effect on June 1, 1914, instead of April 4, 1914, as stated under date April 23, 1914.

DEPARTMENT OF PARKS,

Manhattan and Richmond.

Appointed—June 8, 1914: Robert Jackson, horse and cart, 22 Perry st., $3.50 per day.

Reassigned—June 10, 1914: John P. Bradley, Laborer, 156 E. 97th st., $2.50 per day.

Appointed—For four months, June 12, 1914: Timothy McAuliffe, Driver, 232 E. 96th st., $2.50 per day.

Services Ceased—Peter Lecari, Laborer, 12 Baxter st.; Wm. Cunningham, Laborer, 337 E. 22d st.

Extension of Employment for Fifteen Days—June 10, 1914: Mary McCoy, Bath Attendant, 197 St. Nicholas ave.

Brooklyn.

Resigned—June 6, 1914: John Cheesman, Park Laborer, 1840 Pacific st., Brooklyn; June 9, 1914: Saul J. Silverman, Clerk, 1152 Eastern parkway.

Laid Off—June 8, 1914: DeWitt C. Abrams, Park Laborer, 364 Tompkins ave., Brooklyn.

Services Ceased—May 21, 1914: Thos. W. Boyle, Park Laborer, 1371 Atlantic ave., Brooklyn.

Bronx.

Services Ceased—The following Climbers and Pruners of this Department; to take effect at the close of work June 19, 1914: John Powers, 821 E. 152d st.; Thos. White, 1973 Webster ave.; Sanford Rilley, 446 E. 179th st.; Richard Mason, 225 St. Anns ave.; Thos. Eustace, 2066 Clinton ave.; William Cassin, 458 E. 143d st. Joseph Freyer, 1278 Webster ave., and Charles Knoerzer, 2977 Webster ave.

Reassigned—Samuel Bridges, 372 E. 135th st., Laborer, effective June 12, 1914.

Borough of The Bronx.

Bureau of Buildings.

Report for week ending May 23rd, 1914.

Plans filed for new buildings, 24; estimated cost, $525,675. Plans filed for alterations, 20; estimated cost, $18,075. Unsafe cases filed, 17; violation cases filed, 98; unsafe notices issued, 33; violation notices issued, 119; unsafe cases forwarded for prosecution, 2; complaints lodged with the Bureau, 35; number of pieces of iron and steel inspected, 2,117.

ROBERT J. MOOREHEAD, Superintendent.

Bureau of Buildings.

Report for week ending May 30th, 1914:

Plans filed for new buildings, 10 (estimated cost, $178,850); plans filed for alterations, 16 (estimated cost, $29,900); unsafe cases filed, 23; violation cases filed, 82; unsafe notices issued, 32; violation notices issued, 100; violation cases forwarded for prosecution, 2; complaints lodged with the Bureau, 30; number of pieces of iron and steel inspected, 1,840.

ROBERT J. MOOREHEAD, Superintendent.

Report for week ending, June 3, 1914, exclusive of Bureau of Buildings:

Permits Issued—Sewer connections and repairs, 41; water connections and repairs, 63; laying gas mains and repairs, 34; placing building material on public highway, 16; crossing sidewalk with team, 16; miscellaneous, 81. Total, 251.

Money Received and Deposited with City Chamberlain—Permits for sewer connections, $180; permits for restoring and repaving streets, $951.50; sales, $4.25. Total, $1,135.75

Security deposits received on account of permits and transmitted to Comptroller, $2.91.

Laboring Force Employed.

Bureau of Highways—Foremen, 35; Teams, 80 Carts, 1; Mechanics, 58; Laborers, 387; Drivers, 7. Total, 568.

Bureau of Sewers—Foremen, 12; Assistant Foremen, 4; Carts, 19; Mechanics, 5; Laborers, 67; Drivers, 2. Total, 109.

Bureau of Public Buildings and Offices—Foremen, 1; Assistant Foremen, 1; Mechanics, 9; Laborers, 20; Cleaners, 38; Watchmen, 3; Attendants, 4. Total, 76.

Topographical Bureau—Laborers, 5; Driver, 1. Total, 6.

Contracts Entered Into—Repaving E. 158th st., from Cortlandt ave. to Melrose ave., The Asphalt Construction Company, 208 Broadway, City, $1,653.50; sureties, National Surety Company and Massachusetts Bonding and Insurance Company. Furnishing one (1) motor truck, International Motor Company, West End ave. and 64th st., $5,650; surety, United States Fidelity and Guarantee Company.

DOUGLAS MATHEWSON, President.

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.
Bertram de N. Cruger, Executive Secretary.

Bureau of Licenses.

57-59 Centre st. Telephone, 2030 Worth.
Julian Rosenthal, Chief of Bureau.

Bureau of Weights and Measures.

City Hall. Telephone, 4334 Cortlandt.
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. 10 a. m. to 4 p. m. Saturday, to 12m. Telephone, 4430 Worth.
P. J. Scully, Clerk.

President of the Board of Aldermen.

City Hall. Telephone, 6725 Cortlandt.
George McAneny, President.

BOARD OF AMBULANCE SERVICE.

300 Mulberry st. Ambulance Calls—3100 Spring. Administration Offices—7586 Spring.
D. C. Potter, Director.

ARMORY BOARD.

Hall of Records. 9 a. m. to 4 p. m.; Saturday, to 12 m. 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.
Alfred P. W. Seaman, 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

DEPARTMENT OF BRIDGES.

Municipal Building, 18th floor. Telephone, 380 Worth.
F. J. H. Kracke, Commissioner.

BUREAU OF THE CHAMBERLAIN.

Municipal Building, 8th floor. Telephone, 4270 Worth.
Henry Bruere, Chamberlain.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

Municipal Building, 2nd floor. 10 a. m. to 4 p. m.; Saturday, to 12 m. 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.
Katharine B. Davis, Commissioner

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R. Telephone, 300 Rector.
R. 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 July, and the second and fourth Wednesdays in every month, except July and August.
Thomas W. Churchill, President.
A. Emerson Palmer, Secretary.

BOARD OF ELECTIONS.

General office and office of the Borough of Manhattan, Municipal Building, 18th floor. Telephone, 1307 Worth.
J. Gabriel Britt, President.
Moses M. McKee, Secretary.

Other Borough Offices.

The Bronx.

368 E. 148th st. Telephone, 336 Melrose.

Brooklyn.

435-445 Fulton st. Telephone, 693 Main.

Queens.

64 Jackson ave., Long Island 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. Saturday, to 12 m.

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.

277 Broadway, 8th floor. Telephone, 4563 Worth. Harry P. Nichols, Chief Engineer.

Bureau of Contract Supervison.

Municipal Building, 13th floor. Telephone, 4560 Worth. Tilden Adamson, Director.

Bureau of Standards.

Salaries and Grades Division and Supplies Division, Municipal Building, 13th floor. Telephone, 4560 Worth. Standard Testing Laboratory, 125 Worth st. Telephone, 3088 Franklin. George L. Tirrell, Director.

BOARD OF EXAMINERS.

Municipal Building, 20th floor, 9 a. m. to 4 p. m. Saturday, to 12 m. Telephone, 3280 Worth
Board meets every Tuesday at 2 p. m.
Edward V. Barton, Clerk.

DEPARTMENT OF FINANCE.

Municipal Building, 5th floor. Telephone, 1200 Worth.
William A. Prendergast, Comptroller.
Deputy Comptrollers, 7th floor. Alexander Brough, Edmund D. Fisher, Charles S. Hervey, 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, Long Island City. Telephone, 3386 Hunter's Point.
Richmond—Borough Hall, St. George. Telephone, 1000 Tompkinsville.
Frederick H. E. Ebstein, 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, 3084 Main.
Queens—Municipal Building, Court House Square, Long Island City. Telephone, 1553 Hunter's Point.
Richmond—Borough Hall, St. George. Telephone, 1000 Tompkinsville.
Daniel Moynahan, Collector.

FIRE DEPARTMENT.

Municipal Building, 11th floor. Telephone 4740 Worth.
Brooklyn, 365 Jay st. Telephone, 2653 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.
S. S. Goldwater, Commissioner.
Eugene W. Scheffer, Secretary.

BOARD OF INEBRIETY.

300 Mulberry st. Telephone, 7116 Spring.
Board meets first Wednesday in each month at 3 o'clock.
Charles Samson, Secretary.

LAW DEPARTMENT.

Office of Corporation Counsel.

Main office, Hall of Records. Telephone, 4600 Worth.
Brooklyn office, 153 Pierrepont st. Telephone, 2948 Main.
Frank L. Polk, Corporation Counsel.

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, Long Island City. Telephone, 3886 Hunters Point.

Bureau for the Recovery of Penalties.

Municipal Building, 15th floor. Telephone, 3460 Worth.

Bureau for the Collection of Arrears of Personal Taxes.

Municipal Building, 17th floor. Telephone, 4585 Worth.

Tenement House Bureau and Bureau of Buildings.

Municipal Building, 15th floor. Telephone, 1620 Worth.

DEPARTMENT OF LICENSES.

Main Office, 49 Lafayette st. Telephone, 4490 Franklin.
George H. Bell, Commissioner.
Centre St. Office—57-59 Centre st. Telephone, 2030 Worth. Julian Rosenthal, Deputy Commissioner.
Brooklyn—Borough Hall. Telephone, 1497 Main.
Queens—Borough Hall, Long Island 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.
Municipal Employment Bureau—27 Lafayette st. Telephone, 3870 Worth.

METROPOLITAN SEWERAGE COMMISSION.

17 Battery place. Telephone, 1694 Rector.
George A. Soper, President.
James H. Fuertes, Secretary.

MUNICIPAL CIVIL SERVICE COMMISSION.

Municipal Building, 14th floor. Telephone, 1580 Worth.
Henry Moskowitz, President.
Robert W. Belcher, Secretary.

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.

BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.

Municipal Building, 24th floor. Telephone, 1610 Worth.
Thomas R. Minnick, Secretary.

EXAMINING BOARD OF PLUMBERS.

Municipal Building, 8th floor. Telephone, 1268 Worth.
J. A. Glendinning, 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 Dependent Adults, Pier, foot of East 26th st. Telephone, 7400 Madison Square.
The Children's Bureau, 124 East 50th st. Telephone, 7400 Madison Square.
Borough of Richmond, Borough Hall, St. George, S. I. Telephone, 100 Tompkinsville.
John A. Kingsbury, Commissioner.

PUBLIC RECREATION COMMISSION.

Municipal Building, 8th floor. Telephone, 1471 Worth.
Meeting every second Tuesday at 2.30 p. m.
Cyril H. Jones, Acting Secretary.

PUBLIC SERVICE COMMISSION.

154 Nassau st., Manhattan. 8 a. m. to 11 p. m. every day, including holidays and Sundays. Telephone, 4150 Beekman.
Edward E. McCall, Chairman.
Travis H. Whitney, Secretary.

BOARD OF REVISION OF ASSESSMENTS.

Municipal Building, 7th floor. Telephone, 1200 Worth.
John Korb, Chief Clerk.

COMMISSIONERS OF SINKING FUND.

Office of Secretary, Municipal Building, 7th floor. Telephone, 1200 Worth.
John Korb, Secretary.

DEPARTMENT OF STREET CLEANING.

Municipal Building, 12th floor. Telephone, 4240 Worth.
John T. Fetherston, Commissioner.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Hall of Records. 9 a. m. to 4 p. m.; Saturday, to 12 m. Telephone, 3900 Worth.
Lawson Purdy, President.
C. Rockland Tyng, Secretary.

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 East 149th st. Telephone, 107 Melrose.
John J. Murphy, Commissioner.

BOARD OF WATER SUPPLY.

Municipal Building, 22d floor. Telephone, 3150 Worth.
Charles Strauss, President.
W. Bruce Cobb, 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, Municipal Building, Brooklyn. Bronx, Tremont and Arthur aves. Queens, Municipal Building, Long Island 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, Borough Hall. Telephone, 3960 Main.
Lewis H. Pounds, President.

BOROUGH OF MANHATTAN.

President's office, 17th floor, Municipal Bldg.
Commissioner of Public Works, 21st floor, Municipal Building.
Assistant Commissioner of Public Works, 20th 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 Bldg.
Bureau of Buildings, 20th floor, Municipal Building.
Telephone, 4227 Worth.
Marcus M. Marks, President.

BOROUGH OF QUEENS.

President's office, Borough Hall, Long Island City. 9 a. m. to 4 p. m.; Saturday, to 12 m. 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, Staten Island. 9 a. m. to 4 p. m.; Saturday, to 12 m. Telephone, 1000 Tompkinsville.
Charles J. McCormack, President.

CORONERS.

Manhattan, 70 Lafayette st. Open at all hours of the day and night. Telephone, 5057 Franklin.
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, L. I. 9 a. m. to 10 p. m.; Sundays and holidays, 9 a. m. to 12 m.
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.
William F. Schneider, County Clerk.

DISTRICT ATTORNEY.

Criminal Courts Building, 9 a. m. to 5.15 p. m.; Saturday, to 12 m. Telephone, 2304 Franklin.
Charles S. Whitman, District Attorney.

COMMISSIONER OF JURORS.

280 Broadway. Telephone, 241 Worth.
Thomas Allison, Commissioner.

PUBLIC ADMINISTRATOR.

119 Nassau st. Telephone, 6376 Cortlandt.
William M. Hoes, Public Administrator.

COMMISSIONER OF RECORDS.

Hall of Records. Telephone, 3900 Worth.
John F. Cowan, Commissioner.

REGISTER.

Hall of Records. Telephone, 3900 Worth.
John J. Hopper, Register.

SHERIFF.

299 Broadway. Telephone, 4984 Worth.
New York County Jail, 70 Ludlow st.
Max S. Grifenhagen, Sheriff.

SURROGATES.

Hall of Records. Telephone, 3900 Worth.
John P. Cohalan; Robert Ludlow Fowler, Surrogates.
John F. Curry, Commissioner of Records.

KINGS COUNTY.

COUNTY CLERK.

Hall of Records, Brooklyn. Telephone, 4930 Main.
Charles S. Devoy, County Clerk.

COUNTY COURT.

County Court House, Brooklyn. Court opens at 10 a. m. daily and sits until business is completed. Part I, Room No. 23; Part II, Room No. 10; Part III, Room No. 14; Part IV, Room No. 1, Court House. Clerk's office, Rooms 17, 18, 19 and 22; open daily from 9 a. m. to 5 p. m.; Saturday, to 12 m. Telephone, 4154 Main.
John T. Rafferty, Chief Clerk.

DISTRICT ATTORNEY.

66 Court st., Brooklyn. 9 a. m. to 5.30 p. m.; Saturday, to 1 p. m. Telephone, 2954 Main.
James C. Cropsey, District Attorney.

COMMISSIONER OF JURORS.

381 Fulton st., Brooklyn. Telephone 1454 Main.
Thomas R. Farrell, Commissioner

PUBLIC ADMINISTRATOR.

44 Court st., Brooklyn. Telephone, 2840 Main.
Frank V. Kelly, Public Administrator.

COMMISSIONER OF RECORDS.

Hall of Records, Brooklyn. Telephone, 6988 Main.
Edmund O'Connor, Commissioner.

REGISTER.

Hall of Records, Brooklyn. Telephone, 2830 Main.
Edward T. O'Loughlin, Register.

SHERIFF.

46-50 Court st., Brooklyn. Telephone, 6845 Main.
Lewis M. Swasey, Sheriff.

SURROGATE.

Hall of Records, Brooklyn. Court opens at 10 a. m. Telephone, 3954 Main.
Herbert T. Ketcham, Surrogate.
John H. McCooey, Chief Clerk.

BRONX COUNTY.

COUNTY CLERK.

161st st. and 3d ave. Telephone, 9266 Melrose.
James Vincent Ganly, County Clerk.

COUNTY JUDGE.

161st st. and 3d ave. Telephone, 7907 Melrose.
Louis D. Gibbs, County Judge

DISTRICT ATTORNEY.

161st st. and 3d ave. Telephone, 9200 Melrose.
Francis Martin, District Attorney.

COMMISSIONER OF JURORS.
1932 Arthur ave. Telephone, 3700 Tremont.
John A. Mason, Commissioner.

PUBLIC ADMINISTRATOR.
2808 3d ave. Telephone, 9171 Melrose. 9 a. m. to 5 p. m., Saturday to 12 m.
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.
161st st. and 3d ave.
George M. S. Schulz, Surrogate.

QUEENS COUNTY.

COUNTY CLERK.
364 Fulton st., Jamaica. Telephone, 151 Jamaica.
Leonard Rouff, County Clerk.

COUNTY COURT.
County Court House, Long Island City. Telephone, 596 Hunters Point.
Court opens at 10 a. m. Trial Terms begin 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.; Saturday to 12.30 p. m. Telephone, 551 Jamaica
Burt Jay Humphrey, County Judge

DISTRICT ATTORNEY.
County Court House, Long Island City, 9 a. m. to 5 p. m.; Saturday, to 12 m.
County Judge's office always open at 336 Fulton st., Jamaica. Telephone, 3871 Hunters Point.
Matthew J. Smith, District Attorney.

COMMISSIONER OF JURORS.
County Court House, Long Island City. Telephone, 9631 Hunters Point.
Thorndyke C. McKennee, Commissioner.

PUELIC ADMINISTRATOR.
364 Fulton st., Jamaica. Telephone, 397 Jamaica.
Randolph White, Public Administrator.

SHERIFF.
County Court House, Long Island City. Telephone 3766 Hunters Point.
George Emener, 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, County 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, S. I. 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 m.
Albert C. Fach, District Attorney.

COMMISSIONER OF JURORS.
Village Hall, Stapleton. Telephone, 81 Tompkinsville.
Charles J. Kullman, Commissioner.

PUBLIC ADMINISTRATOR.
Port Richmond. Telephone, 704 West Brighton.
William T. Holt, Public Administrator.

SHERIFF.
County Court House, Richmond. Telephone, 120 New Dorp.
Joseph F. O'Grady, 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' COURT.
First Division.
First District—Criminal Court Building.
Second District—Jefferson Market.
Third District—2d ave. and 1st st.
Fourth District—151 E. 57th st.
Fifth District—121st st. and Sylvan place.
Sixth District—162d st. and Washington ave.
Seventh District—314 W. 54th st.
Eighth District—1014 E. 181st st., The Bronx.
Ninth District (Night Court for Females)—125 6th ave.
Tenth District (Night Court for Males)—151 E. 57th st.
Eleventh District (Domestic Relations)—151 E. 57th st.
Thirteenth District (Domestic Relations)—1014 E. 181st st., The Bronx.
Philip Bloch, Chief Clerk, 300 Mulberry st. Telephone, 6213 Spring.

Second Division.
Borough of Brooklyn.
Office of Chief Magistrate, 44 Court st. Telephone 7411 Main.
First District—318 Adams st.
Second District—Court and Butler sts.
Fifth District—249 Manhattan 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.
William F. Delaney, Chief Clerk.

Borough of Queens.
First District—St. Mary's Lyceum, L. I. City.
Second District—Town Hall, Flushing, L. I.
Third District—Central ave., Far Rockaway.
Fourth District—Town Hall, Jamaica, L. I.

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 Building. Court opens at 10.30 a. m. Clerk's office open from 9 a. m. to 4 p. m., and on Saturday until 12 m.
Edward R. Carroll, Clerk.

MUNICIPAL COURTS.
The Clerks offices are open from 9 a. m to 4 p. m.; Saturday, to 12 noon.

Borough of Manhattan.
First District—54-60 Lafayette st. Additional Part is held at southwest corner of 6th ave. and 10th st. Telephone, 6030 Franklin.
Second District—264-266 Madison st. Telephone, 4300 Orchard.
Third District—314 W. 54th st. Telephone, 5450 Columbus.
Fourth District—Parts I. and II, 207 E. 32d st. Telephone, 4358 Murray Hill.
Fifth District—Broadway and 96th st. Telephone, 4006 Riverside.
Sixth District—155 E. 88th st.
Seventh District—70 Manhattan st.
Eighth District—121st st. and Sylvan place. Telephone, 3950 Harlem.
Ninth District—Madison ave. and 59th st. Parts I and II. Telephone, 3873 Plaza.

Borough of The Bronx.
First District—Town Hall, 1400 Williamsbridge road, Westchester. Trial of causes, Tuesday and Friday of each week. Telephone, 457 Westchester.
Second District—Washington ave. and 162d st. Telephone, 3043 Melrose.

Borough of Brooklyn.
First District—State and Court sts. Parts I and II. Telephone, 7091 Main.
Second District—495 Gates ave. Telephone, 504 Bedford.
Third District—6 Lee ave. Telephone, 955 Williamsburg.
Fourth District—14 Howard ave.
Fifth District—5220 Third ave. Telephone, 3907 Sunset.
Sixth District—236 Duffield st. Telephone, 6166 Main.
Seventh District—31 Pennsylvania ave. 8.45 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 m. Telephone, 904 East New York.

Borough of Queens.
First District—115 5th st., Long Island 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, 1054 Jamaica.

Borough of Richmond.
First District—Lafayette ave. and 2d st., New Brighton. Clerk's office open from 8.45 a. m. to 4 p. m. Telephone, 503 Tompkinsville.
Second District—Former Edgewater Village Hall, Stapleton. Clerk's office open from 8.45 a. m. to 4 p. m. Telephone. 313 Tompkinsville.

COURT OF SPECIAL SESSIONS.
Court open at 10 a. m.
Part I, Criminal Court Building, Manhattan. Telephone, 3983 Franklin.
Part II, 171 Atlantic ave., Brooklyn. Telephone, Main 4280.
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, 161st st. and 3d ave., Bronx. Held on Thursday of each week. Telephone, 9088 Melrose.
Frank W. Smith, Chief Clerk.

Children's Court.
New York County—66 3d ave. Telephone, 1832 Stuyvesant.
Dennis A. Lambert, Clerk.
Bronx County—355 E. 137th st. Court held on Wednesday and Friday of each week. Telephone, 9092 Melrose.
Michael Murray, Clerk.
Kings County—102 Court st. Telephone, 627 Main.
Joseph W. Duffy, Clerk.
Queens County—19 Flushing ave., Jamaica. Court held on Monday and Thursday of each week. Telephone, 2624 Jamaica.
Sydney Ollendorf, Clerk.
Richmond County—Corn Exchange Bank Building, St. George. Court held on Tuesday of each week. Telephone, 324 Tompkinsville.
William J. Browne, Clerk.

SUPREME COURT—APPELLATE DIVISION.
First Judicial 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, 3340 Madison Square.
Alfred Wagstaff, Clerk.

Second Judicial Department.
Borough Hall, Brooklyn. Court meets from 1 p. m. to 5 p. m., excepting that on Fridays Court opens at 10 o'clock a. m. Clerk's office opens 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. DeBragga, 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 m. Telephone, 6064 Franklin.
William F. Schneider, Clerk.

SUPREME COURT—FIRST DEPARTMENT.
County 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., Brooklyn. 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, Brooklyn. 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 September, in Part I. Trial Term, Part II, January, February, March, April, May and December. Special Term for trials, January, April, June and November. Naturalization, first Friday in each Term.
Clerk's office open 9 a. m. to 5 p. m.; Saturday, to 12.30 p. m. Telephone, 3896 Hunters Point.
Thomas B. Seaman, Special Deputy Clerk in charge.

Richmond County.
Trial Terms held at County Court House, Richmond. Special Terms 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, Clerk.

FIRE DEPARTMENT.

Auction Sale.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 11TH FLOOR, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.
JOSEPH P. DAY, AUCTIONEER, ON BEHALF of the Fire Department of The City of New York, will offer for sale at public auction to the highest bidder on

FRIDAY, JUNE 19, 1914.

at the Repair Shops, northeast corner of 12th avenue and 56th street, borough of Manhattan, at 10 a. m., on said date, the following condemned property of the department:
Lot No. 1. One hook and ladder truck, R-67.
Lot No. 2. One hose wagon, R-53.
Lot No. 3. One fuel wagon, R-13.
Lot No. 4. One lot of scrap iron, twenty tons, more or less.
Lot No. 5. One lot of rope, 1,000 pounds, more or less.
Lot No. 6. One lot of wheels.
Lot No. 7. Two wheels with rubber tires.
Lot No. 8. One lot of beds.
Lot No. 9. One lot of foundry skimmings, 500 lbs., more or less.
Lot. No. 10. One lot of marine cables.
Lot No. 11. One lot of battery zinc, 3,500 pounds, more or less.
Lot No. 12. One lot of battery copper, 1,800 lbs., more or less.
Lot No. 13. One lot of radiators.
Lot No. 14. One lot of storage batteries.
Lot No. 15. One lot of hose to be sold in lots of ten lengths each.
Lot No. 16. One lot of lead cable, 1,400 pounds, more or less.
Lot No. 17. One lot of feather pillows.
Lot No. 18. One lot of carpet.
Lot No. 19. One lot of old lanterns.
Lot No. 20. One lot of brass borings, 800 lbs., more or less.
Lot No 21. One lot of scrap hose and rubber matting.
Lot No. 22. One lot of suctions and hydrant connections.
Lot No. 23. One lot of horseshoes, 4,000 pounds, more or less.
Lot No. 24. One lot of horseshoe pads, 2,000 pounds, more or less.
Lot No. 25. One lot of solid rubber tires, 4,000 lbs., more or less.
Lot No. 26. One lot of automobile shoes, 200 lbs., more or less.
Lot No. 27. One lot of auto rims with rubber tires, 200 pounds, more or less.
Lot No. 28. One lot of ladders.
Lot No. 29. One lot of barrels.
Lot No. 30. One lot of scrap harness.
Each lot will be sold separately. The right to reject all bids is reserved.
The highest bidder for each lot, in case the bid is accepted, will be required to pay for the same in cash at the time of sale (except Lots 4, 5. 9, 11, 12, 16, 20, 23, 24, 25, 26 and 27, which must be paid for at the time of weighing and delivery, and in addition thereto a deposit, the amount of which shall be fixed by the auctioneer, must be paid at the time the lot is knocked down, which deposit shall not be returned until the whole of the lot has been paid for and removed), and must remove the same within twenty-four (24) hours after the sale.
The articles may be seen at any time before the day of sale at the place above specified.
ROBERT ADAMSON, Fire Commissioner.
j13,19

Proposals.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 11TH FLOOR, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 11.30 o'clock A. M., on

MONDAY, JUNE 29, 1914.
Borough of Manhattan.

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR INSTALLING ELECTRIC LIGHTING SYSTEMS AND ALTERING GAS LIGHTING SYSTEMS IN QUARTERS OF ENGINE COMPANIES 9, 27, 29 AND HOOK AND LADDER CO. 6.
The time for the completion of the work and the full performance of the contract is seventy (70) working days.
The amount of security required is Fifty (50%) per cent. 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.
j17,29

☞See General Instructions to Bidders on last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 11TH FLOOR, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock A. M., on

WEDNESDAY, JUNE 24, 1914.

No. 1. FOR FURNISHING AND DELIVERING RUBBER TIRES AND TUBES.
The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.
The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per piece, or other unit of measure, by which the bids will be tested. The extension must be made and footed up, as the bids will be read from the total, and the contract awarded at a lump or aggregate sum.
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.
ROBERT ADAMSON, Fire Commissioner.
j12,24

☞See General Instructions to Bidders on last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 11TH FLOOR, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock A. M., on

WEDNESDAY, JUNE 24, 1914.

No. 1. FOR FURNISHING AND DELIVERING FIVE THOUSAND (5,000) FEET OF 2½-INCH RUBBER FIRE HOSE.
The time for the delivery of the articles, materials and supplies and the performance of the contract is forty-five (45) days.
The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, or other unit of measure, by which the bids will be tested. The extension must be made and footed up, as the bids will be read from the total, and the contract awarded at a lump or aggregate sum.
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.
j12,24

☞See General Instructions to Bidders on last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, ELEVENTH FLOOR, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock A. M., on

MONDAY, JUNE 22, 1914.
Borough of Brooklyn.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED AND ERECTING A BUILDING FOR A MARINE ENGINE COMPANY AT THE FOOT OF 38TH STREET, SOUTH BROOKLYN.
The time for the completion of the work and the full performance of the contract is sixty (60) working days.
The amount of security required is Three Thousand Dollars ($3,000).
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, eleventh floor, Municipal Building, Manhattan.
ROBERT ADAMSON, Fire Commissioner.
j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, ELEVENTH FLOOR, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock A. M., on

MONDAY, JUNE 22, 1914.
Borough of Brooklyn.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR DREDGING ADJACENT TO 8TH WARD MARKET SITE, NEAR FOOT OF THIRTY-SEVENTH STREET, BROOKLYN, TO PROVIDE A BERTH FOR A FIREBOAT.
The time for the completion of the work and the full performance of the contract is thirty (30) days.
The amount of security required is fifty (50) per cent. 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, eleventh uoor, Municipal Building, Manhattan.
ROBERT ADAMSON, Fire Commissioner.
j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, ELEVENTH FLOOR, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock A. M., on

MONDAY, JUNE 22, 1914.
Borough of Brooklyn.

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ADDITIONS AND ALTERATIONS TO AND INSTALLING REINFORCED FLOOR IN THE CELLAR OF NEW BUILDING ON THE SOUTH SIDE OF METROPOLITAN AVENUE, ABOUT 150 FEET EAST OF VARICK AVENUE, BOROUGH OF BROOKLYN.
The time for the completion of the work and the full performance of the contract is thirty (30) days.
The amount of security required is fifty (50) per cent. 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, eleventh uoor, Municipal Building, Manhattan.
ROBERT ADAMSON, Fire Commissioner.
j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF HEALTH.

Proposals.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

MONDAY, JUNE 29, 1914.

FURNISHING AND DELIVERING TWO GASOLENE AUTOMOBILE TRUCKS TO THE DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK.
The time for the completion of the work and the full performance of the contracts is sixty (60) consecutive working days.
No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract, in an amount equal to 50 per cent. of the contract for the construction of the trucks, and a supplemental bond for the full amount of the contract as a guarantee for a period of one year after date of delivery.
The bid, however, must be accompanied by a deposit of an amount of not less than 1½ per cent. of the amount of the bid.
Bids will be compared and the contract awarded to the lowest bidder for the entire contract complete.
Blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan, City of New York.
S. S. GOLDWATER, M. D., President; JOSEPH J. O'CONNELL, M. D., ARTHUR WOODS, Board of Health.
Dated June 17, 1914. j17,29

☞See General Instructions to Bidders on last page last column, of the "City Record."

MUNICIPAL CIVIL SERVICE COMMISSION.

Amendments to Classification

MUNICIPAL CIVIL SERVICE COMMISSION, NEW YORK, MAY 20, 1914.
AT A MEETING OF THE MUNICIPAL Civil Service Commission of New York held May 20, 1914, it was
Resolved, that the classification of positions in the Non-Competitive Class, under the heading "Positions in the Department of Public Charities, at compensations not exceeding the amounts set forth below," and under the sub-heading "With Maintenance," be and the same hereby is amended by changing the line
"Special Officer (Not More Than Five (5) Incumbents), $720 Per Annum,"
to read
"Special Officer (Not More Than Four (4) Incumbents), $720 Per Annum,"
and by including therein, under the sub-heading "Without Maintenance," the following:
"Special Officer (Not More Than One (1) In-

cumbent), $960 Per Annum."
HENRY MOSKOWITZ, President.
Attest: ROBT. W. BELCHER, Secretary.

New York, May 30th, 1914.
I hereby approve the foregoing amendment.
JOHN PURROY MITCHEL, Mayor.

STATE OF NEW YORK, STATE CIVIL SERVICE COMMISSION, ALBANY, June 5, 1914.
The foregoing resolution of the Municipal Civil Service Commission of the City of New York, having been duly examined, is hereby approved by the State Civil Service Commission.
Attest: GEO. R. HITCHCOCK, Assistant Secretary. j17

Amendment to Rules.

MUNICIPAL CIVIL SERVICE COMMISSION, NEW YORK, MAY 20, 1914.
AT A MEETING OF THE MUNICIPAL Civil Service Commission held May 20, 1914, it was
Resolved, that the second paragraph of subdivision 2 of Rule XXI. of the Municipal Civil Service Rules be and the same hereby is amended to read as follows:
"The Commission, by resolution, may authorize the Secretary, the Assistant Secretary or the Chief Clerk to attach the certificate herein required."
HENRY MOSKOWITZ, President.
Attest: ROBT. W. BELCHER, Secretary.

New York, May 30th, 1914.
I hereby approve the foregoing amendment.
JOHN PURROY MITCHEL, Mayor.

STATE OF NEW YORK, STATE CIVIL SERVICE COMMISSION, ALBANY, June 5, 1914.
The foregoing resolution of the Municipal Civil Service Commission of the City of New York, having been duly examined, is hereby approved by the State Civil Service Commission.
Attest: GEO. R. HITCHCOCK, Assistant Secretary. j17

Notices of Examinations.

MUNICIPAL CIVIL SERVICE COMMISSION, NEW YORK, June 15, 1914.
PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

MONDAY, JUNE 15, 1914, TO 4 P. M. MONDAY, JUNE 29, 1914,

for the position of

TRADE INSTRUCTOR IN BASKETRY AND MATTRESS MAKING, DEPARTMENT OF PUBLIC CHARITIES.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., MONDAY, JUNE 29, 1914, will be accepted. Application blanks will be mailed upon request, provided the applicant furnishes a self-addressed stamped envelope or proper postage to insure the delivery of the blank desired, but the Commission will not guarantee the delivery of the same. *APPLICATIONS, FORWARDED BY MAIL, UPON WHICH POSTAGE IS NOT FULLY PREPAID, WILL NOT BE ACCEPTED.*

Applicants must be citizens of the United States and residents of the State of New York.

The subjects and weights of the examination are: Duties, 8; Experience, 2. The percentage required is 70 on the Duties and 70 on all.

Candidates will be required to take a practical test as an evidence of their knowledge of broom making, mat making, chair caning, basket making and mattress making. The practical test will count for 10 per cent. of the examination on Duties.

A qualifying physical examination will be held. Candidates failing to pass the physical examination will not be summoned for the practical test. Those who receive less than 70 per cent. on the practical test will not be summoned for the written examination.

Applications for this examination must be filed on a special blank, Form C. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications.

The minimum age is 21 years. There are three vacancies in the Department of Public Charities. The salary is $900 per annum.

ROBERT W. BELCHER, Secretary. j15,29

Notice of Public Hearing.

MUNICIPAL CIVIL SERVICE COMMISSION, NEW YORK, June 15, 1914.
PUBLIC NOTICE IS HEREBY GIVEN THAT a public hearing will be allowed at the offices of the Civil Service Commission, in the Municipal Building, Room 1443, on

WEDNESDAY, JUNE 17, 1914.

at 10:30 A. M., in connection with the application of the Comptroller, as Chairman of the Committee on Education, Board of Estimate and Apportionment, that the provisions of the Civil Service Rules requiring competition be suspended in the case of Miss Bessie C. Stern, of 848 Park Place, Borough of Brooklyn, and her appointment as Examiner, at a salary of $1,800 per annum, in connection with the work of the Committee on Education of the Board of Estimate and Apportionment, provided under Rule XII, paragraph 5.

ROBERT W. BELCHER, Secretary. j15,17

Proposed Amendments to Rules and Classification.

MUNICIPAL CIVIL SERVICE COMMISSION, NEW YORK, June 15, 1914.
PUBLIC NOTICE IS HEREBY GIVEN OF the following proposed amendments to the Civil Service Rules and Classification:

1. By striking from Rule XV (Promotion), clause 8, Part II—The Clerical Service, the following:

(a) All persons who shall have served with fidelity for not less than two years in positions in Grade 1, and not less than three years in positions in Grades 2, 3 and 4, shall be eligible for examination for the next higher grade in the same position,

and substituting therefor the following:

(a) All persons who have served with fidelity for not less than one year in positions in Grade 1, not less than two years in positions in Grade 2 and not less than three years in positions in Grades 3 and 4, shall be eligible for examination for the next higher grade in the same position.

2. By including in the Exempt Class, under the heading "Department of Public Charities," the title,

Stenographer to the Deputy Commissioner.

3. By striking from the Exempt Class, under the heading "Department of Parks," the line,

Chief Engineer—Brooklyn and Queens.

4. By striking from the Exempt Class, the following:

NORMAL COLLEGE.

Secretary of the College. Secretary to the President. Stenographer to the Faculty. Confidential Clerk to the Faculty. Bellringer.

and substituting therefor the following:

HUNTER COLLEGE OF THE CITY OF NEW YORK.

Secretary of the College. Secretary to the President. Stenographer to the Faculty. Confidential Clerk to the Faculty. Bellringer.

PUBLIC HEARINGS WILL BE ALLOWED, at the request of any interested persons, in accordance with Rule III, at the Commission's Offices in the Municipal Building, Room 1443, on

WEDNESDAY, JUNE 17, 1914.

at 10:30 A. M.
ROBERT W. BELCHER, Secretary. j15,17

BOROUGH OF QUEENS.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, THIRD FLOOR OF THE BOROUGH HALL, FIFTH STREET AND JACKSON AVENUE, LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 o'clock a. m. on

MONDAY, JUNE 22, 1914.

NO. 1. FOR REPAVING WITH ASPHALTIC CONCRETE PAVEMENT ON A SIX INCH CONCRETE FOUNDATION IN THE ROCKAWAY PLANK ROAD FROM THE ROCKAWAY BEACH DIVISION OF THE L. I. R. R. TO LEFFERTS AVENUE, FOURTH WARD.

The time allowed for doing and completing the above work will be Sixty (60) Working Days.

The amount of security required will be Eight Thousand ($8,000) Dollars.

The Engineer's estimate of the quantities is as follows:

1.750 cu. yds. Concrete in place, outside of railroad franchise area.
10,200 sq. yds. Asphalt Concrete Pavement (laid outside of the railroad franchise area) with maintenance for five (5) years.
60 cu. yds. Concrete in place, within the railroad franchise area.
350 sq. yds. Asphaltic Concrete Pavement (laid within the railroad franchise area) and no maintenance.
100 sq. yds. Stone Gutters, furnished and laid.
75 lin. ft. 12" Cast Iron Pipe in place.
100 lin. ft. 12" Vitrified Pipe in place.
2 new Catch Basins (Standard Bureau of Highways).
50 cu. yds. Broken Stone in place.

NO. 2. FOR REGULATING, CURBING AND REPAVING WITH WOOD BLOCKS ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN HENRY STREET FROM JACKSON AVENUE TO PROSPECT STREET, FIRST WARD.

The time allowed for doing and completing the above work will be Forty (40) Working Days.

The amount of security required will be Thirty-five hundred ($3,500) Dollars.

The Engineer's estimate of the quantities is as follows:

1,000 lin. ft. New Bluestone Curb set in Concrete.
100 lin. ft. Old Bluestone Curb, redressed and reset in Concrete.
4,000 sq. ft. New Flagstone Sidewalk.
600 sq. ft. Old Flagstone Sidewalk, retrimmed and relaid.
500 sq. ft. Cement Sidewalk, and one (1) year's maintenance.
340 cu. yds. Concrete.
2,000 sq. yds. Wood Block Pavement (laid outside of the railroad franchise area, including mortar bed and bituminous joints, and five (5) years maintenance).
500 tons Old Block loaded on cars.
500 sq. yds. Old Granite Block Pavement to be purchased and removed by the Contractor.

NO. 3. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS, BOROUGH OF QUEENS, FIVE (5) DISTRIBUTING WAGONS IN THE CORPORATION YARD, NOTT AVENUE, NEAR VERNON AVENUE, LONG ISLAND CITY.

The time allowed for doing and completing the above work will be Twenty (20) Calendar Days.

The amount of security required will be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 4. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS AND CROSSWALKS, AND ALL WORK INCIDENTAL THERETO, IN ANABLE STREET FROM VAN DAM STREET TO NEW CALVARY CEMETERY, FIRST AND SECOND WARDS.

The time allowed for doing and completing the above work will be One hundred and fifty (150) Working Days.

The amount of security required will be Ten Thousand ($10,000) Dollars.

The Engineer's estimate of the quantities is as follows:

7,600 cu. yds. Earth Excavation.
100 cu. yds. Rock Excavation.
16,000 cu. yds. embankment (in excess of excavation).
1,200 lin. ft. New Bluestone Curb.
8,800 lin. ft. Cement Curb with Steel Nosing and one (1) years maintenance.
5,000 sq. ft. New Flagstone Sidewalk.
35,000 sq. ft. Cement Sidewalk, and one (1) year's maintenance.
4,500 sq. ft. New Crosswalks.
10 cu. yds. Concrete.
500 cu. yds. Stone Gutters, furnished and laid.

NO. 5. FOR REGULATING, GRADING AND RELAYING SIDEWALKS IN GRAND AVENUE FROM 17TH AVENUE TO 18TH AVENUE, AND REGULATING, RECURBING WHERE NECESSARY AND PAVING WITH A PERMANENT PAVEMENT CONSISTING OF SHEET ASPHALT ON A CONCRETE FOUNDATION, AND ALL WORK INCIDENTAL THERETO, IN GRAND AVENUE, FROM STEINWAY AVENUE TO 18TH AVENUE, FIRST WARD.

The time allowed for doing and completing the above work will be Seventy (70) Working Days.

The amount of security required will be Eight thousand five hundred ($8,500) Dollars.

The Engineer's estimate of the quantities is as follows:

1,000 cu. yds. Earth Excavation.
200 lin. ft. New Bluestone Curb.
3,500 lin. ft. Old Curb, redressed and reset.
200 sq. ft. New Flagstone Sidewalk.
2,000 sq. ft. Old Flagstone Sidewalk retrimmed and relaid.
1,600 cu. yds. Concrete, in place.
9,600 sq. yds. Sheet Asphalt Pavement (including binder course, and five (5) years' maintenance).
80 lin. ft. Old Concrete Curb reset, not to be bid for.
22 Catch Basins lowered and readjusted for line and grade, not to be bid for.
160 lin. ft. Old Bluestone Curb reset, not to be bid for.
200 sq. ft. Old Bluestone Flag to relay, not to be bid for.

NO. 6. FOR REGULATNG, GRADING AND CURBING IN CULVER PLACE (LINDEN STREET) FROM HUNT PLACE (PARK STREET) TO LAKE STREET, IN LAKE STREET FROM LONONA (GRAND) AVENUE TO ALBURTIS (SYCAMORE) AVENUE, IN HUNT PLACE (PARK STREET) FROM LONONA (GRAND) AVENUE TO ALBURTIS (SYCAMORE) AVENUE, AND FOR LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION) ON THE WEST SIDE OF CULVER PLACE (LINDEN STREET) FROM HUNT PLACE (PARK STREET) TO LAKE STREET, ON THE NORTHERLY SIDE OF LAKE STREET FROM LONONA AVENUE TO ALBURTIS AVENUE, ON BOTH SIDES OF HUNT PLACE FROM LONONA AVENUE TO CULVER PLACE (LINDEN STREET), ON THE SOUTHERLY SIDE OF HUNT PLACE FROM CULVER PLACE TO ALBURTIS AVENUE AND FOR LAYING CROSSWALKS IN LAKE STREET FROM LONONA (GRAND) AVENUE TO ALBURTIS (SYCAMORE) AVENUE AND IN HUNT PLACE (PARK STREET) FROM LONONA (GRAND) AVENUE TO ALBURTIS (SYCAMORE) AVENUE, 2D WARD.

The time allowed for doing and completing the above work will be forty-five (45) Working Days.

The amount of security required will be Two Thousand (2,000) Dollars.

The Engineer's estimate of the quantities is as follows:

3,000 cu. yds. Earth Excavation.
1,400 cu. yds. Embankment (in excess of excavation).
2,800 lin. ft. New Bluestone Curb.
8,000 sq. ft. Cement Sidewalk, and one (1) years maintenance.
200 sq. ft. New Crosswalks.

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 measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated, New York, June 11th, 1914.
MAURICE E. CONNOLLY, President.
j11,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION.

Proposals.

DEPARTMENT OF CORRECTION, MUNICIPAL BUILDING, CENTRE AND CHAMBERS STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m., on

THURSDAY, JUNE 25, 1914.

FOR FURNISHING AND DELIVERING 45,000 FEET LEATHER (BLACK FLESH SPLITS, B GRADE).

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per square foot or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, Municipal Building, New York City.

KATHARINE BEMENT DAVIS, Commissioner.
June 11, 1914. j15,25

☞See General Instructions to Bidders on last page, last column, of the "City Record."

COLLEGE OF THE CITY OF NEW YORK.

Proposals.

THE COLLEGE OF THE CITY OF NEW YORK, 139TH ST. AND CONVENT AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees or the Curator of the College of The City of New York at the above address in Room No. 114, Main Building, until 2 o'clock p. m., on

FRIDAY, JUNE 26, 1914.

FOR FURNISHING NECESSARY LABOR AND MATERIAL FOR THE CONSTRUCTION OF AN ATHLETIC FIELD FOR THE COLLEGE OF THE CITY OF NEW YORK ON THE PLOT OF GROUND BETWEEN 136TH AND 138TH STREETS, CONVENT AND AMSTERDAM AVENUES, BOROUGH OF MANHATTAN.

Bidders shall submit bids for the above described work as follows:

(a) For furnishing all labor and material called for in the specifications and shown on the accompanying plans.

(b) For furnishing all labor and material called for in the specifications and shown on the accompanying plans, with the exception of the items designated as "Trees."

The time allowed for doing and completing the work will be one hundred and twenty (120) consecutive calendar days.

The amount of security required will be twenty-five (25) per cent. of the bid or estimate.

Blank forms of the contract and specifications and bid sheet may be obtained at the office of the Architect Arnold W. Brunner, 101 Park Avenue, the City of New York, Borough of Manhattan.

A duplicate copy of the bid must be submitted at the same time for the Finance Department.

FREDERICK P. BELLAMY, Acting Chairman; JAMES W. HYDE, Secretary; BERNARD M. BARUCH, THOMAS W. CHURCHILL, WM. HENRY CORBITT, LEE KOHNS, CHARLES E. LYDECKER, WILLIAM F McCOMBS, MOSES J. STROOCK, CHARLES H. TUTTLE, Board of Trustees and Committee on Buildings.

R. V. DAVIS, Curator.
Dated June 13th, 1914. j13,26

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Proposals.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 2351, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

WEDNESDAY, JUNE 24, 1914.
Boroughs of Manhattan and The Bronx.

FOR HAULING AND SETTING FIRE HYDRANTS AND APPURTENANCES IN VARIOUS STREETS.

SECTION 1—SOUTH OF HOUSTON STREET, BOROUGH OF MANHATTAN.

SECTION 2—NORTH OF NINETY-SIXTH STREET, BOROUGH OF MANHATTAN.

SECTION 3—NORTH OF ONE HUNDRED AND FORTY-NINTH STREET, BOROUGH OF THE BRONX.

The time allowed for doing and completing the entire work will be: Section 1—One hundred (100) working days. Section 2—One hundred and fifty (150) working days. Section 3—One hundred (100) working days. The security will be: Section 1. Eight Thousand Dollars ($8,000). Section 2. Fifteen Thousand Dollars ($15,000). Section 3. Eight Thousand Dollars ($8,000).

The bidder will state the price per unit for each item of work contained in the specifications or schedule, by which the bids will be tested. The bids will be compared and the award will be made to the lowest formal bidder on each section.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 2351 Municipal Building, Borough of Manhattan, where any further information desired may be obtained.

WILLIAM WILLIAMS, Commissioner.
Dated June 12, 1914. j13,24

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 2351, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

WEDNESDAY, JUNE 24, 1914.
Borough of Richmond.

No. 1. FOR FURNISHING, DELIVERING AND ERECTING ELECTRIC TRANSMISSION LINES IN SOUTHFIELD BOULEVARD, BETWEEN EVERGREEN AVENUE AND EMMET AVENUE, BOROUGH OF RICHMOND.

The time for doing and completing the entire work will be one hundred (100) working days.

The security will be Seven Thousand Dollars ($7,000).

No. 2. FOR FURNISHING, DELIVERING AND INSTALLING MOTOR-DRIVEN CENTRIFUGAL PUMPING UNITS, SUCTION AND DISCHARGE PIPING AND ALL OTHER APPURTENANCES, IN THE AUXILIARY PUMPING STATIONS TO BE ERECTED ON SOUTHFIELD BOULEVARD.

The time allowed for doing and completing the work will be:

One hundred and twenty (120) calendar days for completing Stations 1, 3 and 4.

One hundred and eighty (180) calendar days for completing Station 2 and the entire contract.

The security required will be Seven Thousand Dollars ($7,000).

The bidder will state the price per unit of each item of work or supplies contained in the specifications or schedules, by which the bids will be tested. The bids will be compared and award made to the lowest formal bidder, in aggregate for all items on each contract.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 2351, Municipal Building, Borough of Manhattan, where any further information desired may be obtained.

WILLIAM WILLIAMS, Commissioner.
j13,24

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 2351, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 p. m., on

THURSDAY, JUNE 18, 1914.
Boroughs of Manhattan and The Bronx.

FOR FURNISHING, DELIVERING, UNLOADING, STACKING AND STORING CAST IRON VALVE BOX CASTINGS.

The time allowed for the delivery of the materials and supplies and the performance of the contract will be One Hundred and Twenty-five (125) Calendar days.

The security required will be TWENTY-FIVE HUNDRED DOLLARS ($2,500).

The bidder will state the price per unit of each item of work or supplies contained in the specifications or schedules, by which the bids will be tested. The bids will be compared and award made to the lowest formal bidder, in aggregate for all items.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 2351, Municipal Building, Borough of Manhattan, where any further information desired may be obtained.

WILLIAM WILLIAMS, Commissioner.
Dated June 5, 1914. j8,18

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION.

Proposals.

HUNTER COLLEGE.
BOARD OF TRUSTEES, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the Hall of the Board of Education, corner of Park Avenue and 59th Street, Borough of Manhattan, until eleven o'clock A. M., on

MONDAY, JUNE 29, 1914.

FOR ADDITIONAL FURNITURE, ETC., FOR THE FIRST PORTION OF THE NEW NORMAL COLLEGE BUILDINGS (THOMAS HUNTER HALL), ON THE WESTERLY SIDE OF LEXINGTON AVENUE, BETWEEN 68TH AND 69TH STREETS, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be forty (40) working days, as provided in the contract.

The amount of security required is Five Hundred Dollars ($500).

The deposit accompanying bid shall be five per centum of the amount of security.

The bids will be compared, and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superin-

tendent of School Buildings, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, JUNE 17, 1914. j17,29

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until eleven o'clock A. M., on

MONDAY, JUNE 29, 1914.
Borough of Brooklyn.

No. 1:—FOR SANITARY ALTERATIONS AT PUBLIC SCHOOLS 10, 19 Anx., 27, 35, 46, 59, 73, 83, 84, 109, 112, 124, 139, 147, 149, GIRLS' HIGH SCHOOL AND MANUAL TRAINING SCHOOL, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each item for each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows: P. S. 10, $800 (Item 1); P. S. 10, $800 (Item 2); P. S. 19 An., $1,000; P. S. 27, $600; P. S. 35, $800 (Item 1); P. S. 35, $600 (Item 2); P. S. 46, $1,000 (Item 1); P. S. 46, $800 (Item 2); P. S. 59, $800 (Item 1); P. S. 59, $800 (Item 2); P. S. 73, $1,600 (Item 1); P. S. 73, $1,600 (Item 2); P. S. 83, $200; P. S. 84, $200; P. S. 109, $400; P. S. 112, $600; P. S. 124, $100; P. S. 139, $200; P. S. 147, $2,600; P. S. 149, $300; G. H. S., $1,200; M. T. H. S., $1,600

The deposit accompany bid on each item for each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each item for each school, and award will be made thereon.

No. 2:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOL 109, DUMONT AVENUE, POWELL AND SACKMAN STREETS, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be fifty-five (55) working days, as provided in the contract.

The amount of security required is Eight Hundred Dollars ($800).

The deposit accompany bid shall be five per centum of the amount of security.

No. 3:—FOR ALTERATIONS, REPAIRS, ETC., AT OFFICE AND STORAGE BUILDING, 131 LIVINGSTON STREET, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be fifty-five (55) working days, as provided in the contract.

The amount of security required is One Thousand Dollars ($1,000).

No. 4:—FOR THE GENERAL CONSTRUCTION, ETC., OF PORTABLE SCHOOL BUILDINGS, ITEM 1, ON PREMISES AT STILLWELL AVENUE AND AVENUE S, AND ITEM 2, PUBLIC SCHOOL 177, AT AVENUE P AND FIRST STREET, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be sixty (60) working days as provided in the contract.

The amount of security required is as follows: Item 1, $2,000; Item 2, $2,000.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item, and award will be made thereon.

On Nos. 1 and 4 the bidders must state the price of each item, by which the bids will be tested.

On Nos. 2 and 3 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each contract.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, JUNE 17, 1914. j17,29

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until eleven o'clock A. M., on

MONDAY, JUNE 29, 1914.
Borough of Manhattan.

No. 5:—FOR ADDITIONS AND REPAIRS TO ELECTRIC EQUIPMENT IN PUBLIC SCHOOLS 51, 69, 84, 106, 151 and 166, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be thirty (30) working days for Public Schools 51, 69, 84, 151 and 166, and sixty (60) working days for Public School 106, as provided in the contract.

The amount of security required is as follows: P. S. 51, $200; P. S. 69, $200; P. S. 84, $200; P. S. 106, $1,200; P. S. 151, $200; P. S. 166, $200.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each school and award will be made thereon.

No. 6:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOL 158, AVENUE A, 77TH AND 78TH STREETS, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be fifty-five (55) working days, as provided in the contract.

The amount of security required is Three Hundred Dollars ($300).

The deposit accompanying bid shall be five per centum of the amount of security.

Borough of Richmond.

No. 7:—FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 1, 2, 4, 6, 12, 13, 14, 15, 16, 17, 18, 20, 23, 26, 30 AND CURTIS HIGH SCHOOL, BOROUGH OF RICHMOND.

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows: P. S. 1, $500; P. S. 2, $400; P. S. 4, $300; P. S. 6, $200; P. S. 12, $400; P. S. 13, $200; P. S. 14, $500; P. S. 15, $400; P. S. 16, $200; P. S. 17, $400; P. S. 18, $200; P. S. 20, $500; P. S. 23, $500; P. S. 26, $200; P. S. 30, $200; C. H. S., $200.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each school, and award will be made thereon.

No. 8:—FOR ITEM 1, INSTALLING HEATING AND VENTILATING APPARATUS, AND ITEM 2, INSTALLING TEMPERATURE REGULATION IN ADDITION TO PUBLIC SCHOOL 20, ON THE EASTERLY SIDE OF BROADWAY, BETWEEN VREELAND AND ELIZABETH STREETS, PORT RICHMOND, BOROUGH OF RICHMOND.

The time allowed to complete the whole work of each item will be one hundred (100) working days, as provided in the contract.

The amount of security required is as follows: Item 1, $10,000; Item 2, $1,400.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item, and award will be made thereon.

On Nos. 5, 7 and 8 the bidders must state the price of each item, by which the bids will be tested.

On No. 6 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, Borough Hall, New Brighton, Borough of Richmond, for work for their respective boroughs.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, JUNE 17, 1914. j17,29

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until eleven o'clock A. M, on

MONDAY, JUNE 29, 1914.
Borough of Queens.

NO. 10:—FOR THE GENERAL CONSTRUCTION OF A PORTABLE ADDITION TO THE PORTABLE SCHOOL ANNEX TO PUBLIC SCHOOL 46, WEST SIDE OF LEFFERTS AVENUE, 100 FEET SOUTH OF HAWTREE AVENUE, GLEN MORRIS, 4TH WARD, BOROUGH OF QUEENS.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is Sixteen Hundred Dollars ($1,600).

The deposit accompanying bid shall be five per centum of the amount of security.

Borough of Richmond.

NO. 11:—FOR GENERAL CONSTRUCTION, ETC., OF PORTABLE BUILDINGS, AT PUBLIC SCHOOL 15 ANNEX, CASTLETON AVENUE, ABOUT 320 FEET WEST OF PORTLAND AVENUE, BRIGHTON HEIGHTS, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is Two Thousand Dollars ($2,000).

The deposit accompanying bid shall be five per centum of the amount of security.

On Nos. 10 and 11, the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each contract.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Offices, No. 69 Broadway, Flushing, Borough of Queens, and Borough Hall, New Brighton, Borough of Richmond, for work for their respective boroughs.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, June 17, 1914. j17,29

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 A. M., on

WEDNESDAY, JUNE 24, 1914.

FOR FURNISHING ALL REQUIRED MATERIAL, REPAIRING, TRANSFERRING AND ERECTING MATERIAL FOR ELEMENTARY WOODWORK SHOPS, REMOVING ALL DESKS, ETC., IN CLASSROOMS, ETC., IN THE EQUIPMENT OF VACATION SCHOOLS, THE CITY OF NEW YORK.

The time for furnishing and delivering the materials and the completion of the work will be on or before July 3, 1914, as provided in the contract.

FOR RESETTING DESKS, SEATS, TAKING DOWN, REMOVING, TRANSFERRING AND STORING ALL ELEMENTARY WOODWORK SHOP BOARDS, SQUARE WORK TABLES AND ALL OTHER MATERIAL, INCLUDED IN THE EQUIPMENT OF VACATION SCHOOLS, THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is by or before August 29, 1914, as provided in the contract.

The amount of the security required 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 attached, by which the bids will be tested.

Awards will be made to the lowest aggregate bidders on Items 1 and 2, for each Borough, as provided in the contract.

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, the Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated June 13, 1914. j13,24

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies, at the above office of the Department of Education, until

TUESDAY, JUNE 23, 1914.

FOR FURNISHING AND DELIVERING FLOOR DRESSING DIRECT TO THE SCHOOLS OF THE CITY OF NEW YORK, BOROUGHS OF MANHATTAN, THE BRONX, BROOKLYN, QUEENS AND RICHMOND, FOR THE YEAR ENDING DECEMBER 31, 1914.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1914.

The amount of security required 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 will be made to the lowest bidder 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, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated, June 11, 1914. j11,23

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education unti eleven o'clock A. M., on

MONDAY, JUNE 22, 1914.
Borough of Brooklyn.

No. 2. FOR ALTERATIONS, REPAIRS, ETC., FOR PUBLIC SCHOOL 34, NORMAN AVENUE, ECKFORD AND OAKLAND STREETS, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be fifty-five (55) working days, as provided in the contract.

The amount of security required is Eight Hundred Dollars ($800).

The deposit accompanying bid shall be five per centum of the amount of security.

No. 3. FOR ALTERATIONS, REPAIRS, ETC., FOR PUBLIC SCHOOL NO. 41, DEAN STREET AND NEW YORK AVENUE, AND PUBLIC SCHOOL NO. 84, GLENMORE AND STONE AVENUES AND WATKINS STREET, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required is as follows: P. S. 41, $300; P. S. 84, $400.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

A separate proposal must be submitted for each school and award will be made thereon.

On No. 2 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

On No. 3 the bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 131 Livingston Street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, JUNE 10, 1914. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until eleven o'clock A. M., on

MONDAY, JUNE 22, 1914.
Borough of The Bronx.

No. 4. FOR ALTERATIONS, REPAIRS, ETC., AT MORRIS HIGH SCHOOL, 166TH STREET, BOSTON ROAD AND JACKSON AVENUE, BOROUGH OF THE BRONX.

The time allowed to complete the whole work will be fifty-five (55) working days, as provided in the contract.

The amount of security required is One Thousand Dollars ($1,000).

The deposit accompanying bid shall be five per centum of the amount of security.

Borough of Manhattan,

No. 5. FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOL 11, 314 WEST 17TH STREET, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be fifty-five (55) working days, as provided in the contract.

The amount of security required is Six Hundred Dollars ($600).

The deposit accompanying bid shall be five per centum of the amount of security.

No. 6. FOR ALTERATIONS, REPAIRS, ETC., FOR PUBLIC SCHOOL 157, ST. NICHOLAS AVENUE AND 126TH STREET, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be fifty-five (55) working days, as provided in the contract.

The amount of security required is Two Hundred Dollars ($200).

The deposit accompanying bid shall be five per centum of the amount of security.

Borough of Queens.

No. 7. FOR FURNITURE FOR NEW PUBLIC SCHOOL 14, ON THE NORTHWESTERLY CORNER OF HILLSIDE AND FAIRVIEW AVENUES, CORONA, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each item will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows: Item 1, $1,200; Item 2, $400; Item 3, $200; Item 4, $600; Item 5, $300.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item, and award will be made thereon.

No. 8. FOR FURNITURE FOR ADDITION TO PUBLIC SCHOOL 45, ON THE EASTERLY SIDE OF MAPLE STREET, ABOUT 100 FEET NORTH OF SCHOOL AVENUE, JAMAICA, SOUTH, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each item will be sixty (60) working days, as provided in the contract.

The amount of security required is as follows: Item 1, $100; Item 2, $100.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item, and award will be made thereon.

No. 9. FOR ITEM 1, REMOVAL AND RE-ERECTION, ALSO ITEM 2, PLUMBING AND DRAINAGE OF THE PORTABLE SCHOOL BUILDING NOW LOCATED ON THE NORTHERLY SIDE OF STRONG STREET, 125 FEET WEST OF TIEMAN AVENUE, CORONA, TO THE SITE ON WASHINGTON AVENUE, ABOUT 140 FEET SOUTH OF ASTORIA AVENUE, EAST ELMHURST, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each item will be fifty (50) working days, as provided in the contract.

The amount of security required is as follows: Item 1, $1,000; Item 2, $600.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

A separate proposal must be submitted for each item, and award will be made thereon.

On Nos. 4, 5 and 6 the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder on each contract.

On Nos. 7, 8 and 9 the bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan, and also at Branch Office, No. 69 Broadway, Flushing, Borough of Queens, for work for their respective boroughs.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, JUNE 10, 1914. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOARD OF EDUCATION, PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 A. M., on

FRIDAY, JUNE 19, 1914.

FOR PRINTING AND FOR FURNISHING AND DELIVERING THE ANNUAL FINANCIAL AND STATISTICAL REPORT FOR THE BOARD OF EDUCATION OF THE CITY OF NEW YORK.

The time for the delivery of the articles, materials and supplies and the performance of the contract is 30 days (working) from the date of the order.

The amount of the security required 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 or schedules herein contained or hereto annexed, by which the bids will be tested. Award will be made to the lowest bidder.

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, the Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated, June 6, 1914. j8,19

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OF ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until eleven o'clock A. M., on

MONDAY, JUNE 22, 1914.
Borough of The Bronx,

No. 1—FOR ITEM 1, GENERAL CONSTRUCTION OF THE EVANDER CHILDS HIGH SCHOOL, ON EAST 184TH STREET AND FIELD PLACE, BETWEEN CRESTON AND MORRIS AVENUES, BOROUGH OF THE BRONX.

The time allowed to complete the whole work will be three hundred and seventy-five (375) working days, as provided in the contract.

The amount of security required is Two Hundred Thousand Dollars ($200,000).

The deposit accompanying bid shall be five per centum of the amount of security.

On No. 1, the bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, Estimating Room, 9th floor, Hall of the Board of Education, Park Avenue and 59th Street, Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated, JUNE 3, 1914. j3,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES.

Proposals.

MAIN OFFICE OF THE DEPARTMENT OF PUBLIC CHARITIES, NEW MUNICIPAL BUILDING, ROOM 1091, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 11 o'clock A. M., on

SATURDAY, JUNE 27, 1914.

FOR FURNISHING AND DELIVERING MEAT.

The time for the performance of the contract is during the year 1914.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to thirty (30) per cent. of the contract.

No bid will be considered unless it is accompanied by a deposit, which shall be in the form of money, or 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 corporate stock or certificates of indebtedness of any nature issued by The City of New York and approved by the Comptroller as of equal value to the security required. 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 yard, pound, dozen, 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 class, 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 Storekeeper of the Department, Room 1008, New Municipal Building, Borough of Manhattan.

JOHN A. KINGSBURY, Commissioner.

Dated June 17, 1914. j17,27

☞See General Instructions to Bidders on last page, last column, of the "City Record."

MAIN OFFICE OF THE DEPARTMENT OF PUBLIC CHARITIES, NEW MUNICIPAL BUILDING, ROOM 1091, THE CITY OF NEW YORK.

BOROUGHS OF BROOKLYN AND QUEENS.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

WEDNESDAY, JUNE 24, 1914.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING AND INSTALLING REFRIGERATING MACHINERY AND COLD STORAGE BOX AT THE CUMBERLAND STREET HOSPITAL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is sixty (60) consecutive working days.

The security required will be Eighteen Hundred Dollars $1,800).

Certified check or cash in the sum of Ninety Dollars ($90) 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 Chief Engineer of the Department, Room 1035, New Municipal Building, The City of New York, where plans and specifications may be seen.

JOHN A. KINGSBURY, Commissioner.
Dated June 11, 1914. j12,24

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF FINANCE.

Interest on City Bonds and Stock.

THE INTEREST DUE JULY 1, 1914, ON REGistered bonds and stock of The City of New York, and of former corporations now included therein, will be paid on that day by the Comptroller at his office (Room 853) in the Municipal Building at Chambers and Centre Streets, in the Borough of Manhattan.

The interest due July 1, 1914, on the coupon bonds of the late City of Brooklyn will be paid on that day by the Nassau National Bank of Brooklyn, 26 Court st., in the Borough of Brooklyn.

The interest due on July 1, 1914, on coupon bonds of former corporations now included in The City of New York, except the late City of Brooklyn and the former County of Queens, will be paid on that day at the office of the Guaranty Trust Co. of New York, 140 Broadway, Borough of Manhattan.

The coupons that are payable on July 1, 1914, for interest on bonds issued by the former County of Queens will be paid on that day at the Queens County Bank, Branch of the Corn Exchange Bank, Borden ave. and Front st., Long Island City.

The books for the transfer of bonds and stock on which interest is due on July 1, 1914, will be closed from June 15, 1914, to July 1, 1914.

WILLIAM A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 12, 1914. j13,jy1

Confirmation of Assessments.

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following named streets and place in the BOROUGH OF QUEENS:

FIRST WARD.

SKILLMAN PLACE—OPENING from Hunter Avenue to Jackson Avenue. Confirmed May 5, 1914; entered June 12th, 1914. 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.:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Skillman place 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 Jackson avenue; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Skillman place, and by the prolongations of the said line; and on the west by a line distant 50 feet easterly from and parallel with the easterly line of Academy street.

SUNSWICK STREET—OPENING from Harris Avenue to Graham Avenue. Confirmed April 21, 1914; entered June 12, 1914. 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.:

Bounded on the northwest by a line which bisects the angle formed by the intersection of the prolongations of the northwesterly line of Sunswick street and the southeasterly line of Van Alst avenue, as laid out between Harris avenue and Graham avenue; on the northeast by a line distant 100 feet northeasterly from and parallel with the northeasterly line of Graham avenue, the said distance being measured at right angles to the line of Graham avenue; on the southeast by a line midway between Sunswick street and Ely Avenue, and the prolongation of the said line, and on the southwest by a line distant 100 feet southwesterly from and parallel with the southwesterly line of Harris avenue, the said distance being measured at right angles to the line of Harris avenue.

SECOND WARD.

MARY STREET—OPENING from Flushing Avenue to the northerly property line of the Long Island Railroad and from the southerly property line of the Long Island Railroad to Metropolitan Avenue. Confirmed May 11, 1914; entered June 12th, 1914. 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 the southerly line of Flushing avenue where it is intersected by a line midway between Mary street and Claremont avenue and running thence southwardly along the said line midway between Mary street and Claremont avenue and along the prolongation of the said line to the intersection with a line midway between Hebbard avenue and Mount Olivet avenue; thence eastwardly along the said line midway between Hebbard avenue and Mount Olivet avenue to the intersection with the prolongation of a line midway between Mary street and Fresh Pond road, as these streets are laid out between Pacific street and Baltic street; thence southwardly along the said line midway between Mary street and Fresh Pond road and along the prolongations of the said line to the intersection with a line midway between Adriatic street and Arctic street; thence westwardly along the said line midway between Adriatic street and Arctic street to the intersection with the prolongation of a line midway between Mary street and Gage place; thence southwardly along the said line midway between Mary street and Gage place and along the prolongations of the said line to the intersection with the southerly right-of-way line of the Montauk Division of the Long Island Railroad; thence eastwardly along the said right-of-way line to the intersection with a line at right angles to Metropolitan avenue and passing through a point on its northerly side midway between Mary street and Fresh Pond road; thence southwardly along the said line at right angles to Metropolitan avenue to a point distant 100 feet southerly from its southerly side; thence westwardly and parallel with Metropolitan avenue to the intersection with a line at right angles to Metropolitan avenue and passing through a point on its northerly side distant 100 feet westerly from its intersection with the westerly line of Mary street; thence northwardly along the said line at right angles to Metropolitan avenue to the intersection with the southerly right-of-way line of the Montauk Division of the Long Island Railroad; thence westwardly along the said right-of-way line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the westerly line of Mary street and the easterly line of Collins avenue as these streets are laid out between Adriatic street and Baltic street; thence northwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northerly line of Hebbard avenue and the southerly line of Hemlock place as these streets are laid out between Collins avenue and Mary street; thence eastwardly along the said bisecting line to the intersection with the prolongation of a line midway between Eva place and Mary street; thence northwardly along the said line midway between Eva place and Mary street and along the prolongations of the said line to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Flushing avenue, the said distance being measured at right angles to Flushing avenue; thence eastwardly along the said line parallel with Flushing avenue to the intersection with a line at right angles to Flushing avenue and passing through the point of beginning; thence southwardly along the said line at right angles to Flushing avenue to the point or place of beginning.

The above entitled assessments were entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 11, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 12, 1914. j16,26

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:

THIRTY-FIRST WARD, SECTION 20.

EAST TENTH STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Foster avenue and Avenue H. Area of assessment: Both sides of East Tenth street, from Foster avenue to Avenue H, and to the extent of half the block at the intersecting avenues.

THIRTY-FIRST WARD, SECTION 21.

WEST SIXTEENTH STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Neptune and Canal avenues. Area of assessment; Both sides of West Sixteenth street, from Neptune to Canal avenues, and to the extent of half the block at the intersecting avenues.

WEST THIRD STREET—REGULATING, GRADING, CURBING & FLAGGING, between Sheepshead Bay road and Neptune avenue. Area of assessment: Both sides of West Third street, from Sheepshead Bay road to Neptune avenue, and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors on June 9, 1914, and entered on June 9, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Offerman Building, No. 503 Fulton Street, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 8, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 9, 1914. j16,26

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS IN THE BOROUGH OF QUEENS:

FIRST WARD.

THIRTEENTH STREET — REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND CROSSWALKS, from Vernon avenue to Hunter avenue. Area of assessments: Both sides of Thirteenth street, from Vernon to Hunter avenues, and to the extent of half the block at the intersecting avenues.

SECOND WARD.

FOURTH STREET—REGULATING, GRADING, CURBING & FLAGGING, between Woodside and Riker avenues. Area of assessment: Both sides of Fourth street, from Riker avenue to Woodside avenue, and to the extent of half the block at the intersecting avenues.

ANTHON AVENUE—REGULATING, GRADING, CURBING AND FLAGGING, between Silver street and Catalpa avenue. Area of assessment: Both sides of Anthon avenue, from Silver street to Catalpa avenue, and affecting property in Blocks 86 and 88.

—that the same were confirmed by the Board of Assessors on June 9, 1914, and entered on June 9, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 8, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 9, 1914. j16,26

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, SECTION 11.

NORTH STREET—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES, from Aqueduct avenue to Jerome avenue. Area of assessment: Both sides of North street, from Aqueduct to Jerome avenue, and to the extent of half the block at the intersecting avenues.

TWENTY-FOURTH WARD, SECTION 12.

BAILEY AVENUE—PAVING AND SETTING CURB, from Albany road at West Two Hundred and Thirty-fourth street to Fort Independence street. Area of assessment: Both sides of Bailey avenue, from Albany road to Fort Independence street, and to the extent of half the block at the intersecting and terminating streets and avenues.

TWENTY-FOURTH WARD, SECTION 13.

CORLEAR AVENUE — REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES, from Two Hundred and Thirtieth street to Two Hundred and Fortieth street, and to the extent of half the block at the intersecting streets.

TWENTY-FOURTH WARD, SECTION 14.

TAYLOR AVENUE—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES, from Gleason avenue to Westchester avenue. Area of assessment: Both sides of Taylor avenue, from Gleason avenue to Westchester avenue, and to the extent of half the block at the intersecting avenues.

TWENTY-FOURTH WARD, SECTION 15.

GLEBE AVENUE—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES, from Zerega avenue to Overing street. Area of assessment: Both sides of Glebe avenue, from Zerega avenue to Overing street, and to the extent of half the block at the intersecting streets and avenues.

—that the same were confirmed by the Board of Assessors on June 9, 1914, and entered on June 9, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Bergen Building, Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 8, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 9, 1914. j16,26

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF RICHMOND:

THIRD WARD.

PALMER AVENUE—REGULATING, GRADING, CURBING, FLAGGING AND PAVING, from Madison avenue to Richmond avenue. Area of assessment: Both sides of Palmer avenue, from Madison to Richmond avenues, and adjacent blocks, including property in Blocks Nos. 30 to 34, inclusive, and 36a.

—that the same was confirmed by the Board of Assessors on June 9, 1914, and entered on June 9, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Borough Hall, St. George, Borough of Richmond, between the hours of 9 a. m. and 2 p. m., and on Saturdays, from 9 a. m. to 12 noon, and all payments made thereon on or before August 8, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 9, 1914. j16,26

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following named streets in the BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, SECTION 11.

WEST ONE HUNDRED AND SEVENTY-SECOND STREET—OPENING, from Aqueduct Avenue to Plimpton Avenue, and from Shakespeare Avenue to Jesup Avenue. Confirmed May 15, 1914; entered June 10, 1914. Area of Assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the easterly line of Boscobel avenue, distant 200 feet southerly from the southerly line of West One Hundred and Seventy-second street, and running thence northwardly along the easterly line of Boscobel avenue and of Aqueduct avenue to the intersection with a line distant 200 feet northerly from and parallel with the northerly line of West One Hundred and Seventy-second street, as this street is laid out where it adjoins Plimpton avenue on the west, the said distance being measured at right angles to West One Hundred and Seventy-second street; thence eastwardly along the said line parallel with West One Hundred and Seventy-second street to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Plimpton avenue, the said distance being measured at right angles to Plimpton avenue; thence northwardly along the said line, parallel with Plimpton avenue, to the intersection with the prolongation of a line distant 400 feet northerly from and parallel with the northerly line of West One Hundred and Seventy-second street, as this street is laid out where it adjoins Nelson avenue, the said distance being measured at right angles to West One Hundred and Seventy-second street; thence easterly along the said line parallel with West One Hundred and Seventy-second street and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Featherbed lane and the northerly line of West One Hundred and Seventy-second street, as these streets are laid out between Shakespeare avenue and Jesup avenue; thence eastwardly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Jesup avenue, the said distance being measured at right angles to Jesup avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Jesup avenue, to the intersection with a line bisecting the angle formed by the intersectiin of the prolongations of the southerly line of West One Hundred and Seventy-second street and the northeasterly line of Boscobel avenue, as these streets are laid out between Plimpton avenue and Nelson avenue; thence northwestwardly along the said bisecting line to the intersection with a line at right angles to Boscobel avenue, and passing through the point of beginning; thence westwardly along the said line at right angles to Boscobel avenue to the point or place of beginning.

TWENTY-FOURTH WARD, SECTIONS 11 AND 15.

EAST ONE HUNDRED AND SEVENTY-FOURTH STREET—OPENING, from Southern Boulevard to West Farms Road. Confirmed May 12, 1914; entered June 10, 1914. 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 distant 100 feet northerly from the northerly line of East One Hundred and Seventy-sixth street, the said point being located on a line at right angles to East One Hundred and Seventy-sixth street and passing through a point on its southwesterly side where it is intersected by the prolongation of a line midway between Longfellow avenue and Boone avenue as these streets are laid out south of East One Hundred and Seventy-fourth street, and running thence eastwardly and parallel with East One Hundred and Seventy-fourth street, as this street is laid out between West Farms road and Bronx River avenue to the intersection with the northwesterly line of Bronx River avenue; thence southeastwardly at right angles to Bronx River avenue to a point distant 100 feet southeasterly from its southeasterly side; thence generally southwestwardly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Bronx River avenue to the intersection with the prolongation of a line midway between East One Hundred and Seventy-second street and East One Hundred and Seventy-third street, as these streets are laid out between Longfellow avenue and Boone avenue; thence westwardly along the said line midway between East One Hundred and Seventy-second street and East One Hundred and Seventy-third

street and along the prolongation of the said line to the intersection with a line midway between Southern boulevard and Minford place; thence northwardly along the said line midway between Southern boulevard and Minford place and along the prolongation of the said line to the intersection with the southeasterly line of Boston road; thence northwestwardly at right angles to Boston road to a point distant 100 feet northwesterly from its northwesterly side; thence northeastwardly and parallel with Boston road to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Southern boulevard, as this street is laid out at East One Hundred and Seventy-fifth street, the said distance being measured at right angles to Southern boulevard; thence northwardly along the said line parallel with Southern boulevard to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of East One Hundred and Seventy-fifth street, as this street is laid out where it adjoins Boston road, the said distance being measured at right angles to East One Hundred and Seventy-fifth street; thence eastwardly along the said line parallel with East One Hundred and Seventy-fifth street to a point distant 100 feet northwesterly from the northwesterly line of Boston road, the said distance being measured at right angles to Boston road; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Boston road to the intersection with the prolongation of a line distant 100 feet northeasterly from and parallel with the northeasterly line of East One Hundred and Seventy-sixth street, as this street is laid out where it adjoins Bryant avenue, the said distance being measured at right angles to East One Hundred and Seventy-sixth street; thence southeastwardly along the said line parallel with East One Hundred and Seventy-sixth street and along the prolongations of the said line to the intersection with the northwesterly line of Longfellow avenue; thence eastwardly in a straight line to the point or place of beginning.

The above entitled assessment was entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Bergen Building, fourth floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 10, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 10, 1914. j15,25

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTIONS NINE AND ELEVEN.

MORRIS AVENUE—PAVING THE ROADWAY AND SETTING CURB from East One Hundred Sixty-sixth Street to East One Hundred Seventieth Street. Area of assessment, both sides of Morris Avenue from One Hundred Sixty-sixth Street to One Hundred Seventieth Street and to the extent of half the block at the intersecting and terminating streets and avenues

TWENTY-FOURTH WARD, SECTION ELEVEN.

MONTEREY AVENUE—SEWER between East One Hundred Seventy-eighth and One Hundred Seventy-ninth Streets. Area of assessment affects Block 3061.

WEST ONE HUNDRED SEVENTY-NINTH STREET—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES, and erecting fences between Osborne Place and Aqueduct Avenue. Area of assessment: both sides of West One Hundred Seventy-ninth street from Osborne Place to Aqueduct Avenue and to the extent of half the block at the intersecting and terminating streets.

TWENTY-FOURTH WARD, SECTION FIFTEEN.

LELAND AVENUE — REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES, and ERECTING FENCES from Walker Avenue to Westchester Avenue. Area of assessment, both sides of Leland Avenue from Walker Avenue to Westchester Avenue and to the extent of half the block at the intersecting streets.

ST. RAYMOND AVENUE—SEWER between St. Peter's Avenue and Overing Street. Area of assessment affects blocks 3986 and 4000.

STORROW STREET — REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES, and ERECTING FENCES from Public Place at One Hundred Seventy-seventh Street and Westchester Avenue to Unionport Road. Area of assessment, both sides of Storrow Street from Public Place at One Hundred Seventy-seventh Street and Westchester Avenue to Unionport Road and to the extent of half the block at the intersecting and terminating streets and avenues.

—that the same were confirmed by the Board of Assessors on June 2, 1914, and entered June 2, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides in part: "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents in the Bergen Building, Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 1, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 2, 1914. j10,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF QUEENS.

FIRST WARD.

SEWER in SHERMAN STREET between Washington and Webster avenues and in WASHINGTON AVENUE from Marion street to the Boulevard and from Hamilton street to Hancock street. Area of assessments affects property in Blocks Nos. 16, 20, 22, 23, 37, 42, 43 and 45.

SHERMAN STREET — REGULATING, GRADING, CURBING AND FLAGGING between Ridge street and Grand avenue. Area of assessment: Both sides of Sherman street from Ridge street to Grand avenue, and to the extent of half the block at the intersecting streets.

RADDE STREET—SEWER, from Webster avenue to crown 250 feet north of Pierce avenue. Area of assessment affects premises in Blocks Nos. 30, 31, 34, 35, 92 and 93.

FIRST AND SECOND WARDS.

Sewer and appurtenances in ORTON ST., between Thomson and Hunters Point aves.; MANLY ST., between Nott and Hunters Point aves.; MOUNT ST., between Nott and Hunters Point aves.; SCHOOL ST., between Nott and Hunters Point aves.; VAN DAM ST., between Thomson and Hunters Point aves.; ANABLE AVE., between Orton and Van Dam sts.; NOTT AVE., from a point between Mount and School sts. to Van Dam st.; MEADOW ST., between Thomson and Hunters Point aves.; HUNTERS POINT AVE., between Greenpoint ave. and Van Dam st.; between Van Dam st. and Dutch Kills Canal and from Van Dam st. to a point about 350 feet west of Orton st.; NOTT AVE., between Van Dam and Hulst sts.; ANABLE AVE., between Van Dam and Hulst sts.; HULST ST., between Nott and Anable aves.; HUNTERS POINT AVE., between Greenpoint ave. and Van Pelt st.; VAN PELT ST., between Hunters Point and Anable aves.; GREENPOINT AVE., between Hunters Point and Anable aves.; DUTCH KILLS PLACE, between Meadow st. and Nott ave.; QUEENS PLACE, between Meadow st. and Nott ave.; MANLY ST., between Thomson and Nott aves.; and in MOUNT ST., between Thomson and Nott aves. Affecting Block Nos. 15, 16, 26 to 30, 41 to 47, 58 to 67, 72, 78 to 86, 88, 96 to 107, 110, 117, 118, 120 to 127, 129, 130, 138 to 148, 156 to 166, 170, 172 to 183, 195, 197, 198, 203, 212 to 221, 225 to 234, 245 to 248, 253 to 258, 263 to 268, 274, 297 to 299, 1st Ward, 2 to 7, 7H, 7J, 7K, 7L, 7M, 7N, 7P, 7Q, 7R, 7S, 7T, 7U, 7V, 31 to 34, 2d Ward, 87, 98, 108, 119, 128 and 140, 4th Ward.

SECOND WARD.

JACKSON AVENUE — REGULATING, GRADING, CURBING AND FLAGGING BETWEEN Junction avenue and Fifty-fourth street. Area of assessment: Both sides of Jackson avenue from Junction avenue to Fifty-fourth street, and to the extent of half the block at the intersecting streets and avenues.

WOODBINE STREET — REGULATING AND GRADING, between Fresh Pond Road and Forest avenue. Area of assessment: Both sides of Woodbine street between Fresh Pond road and Forest avenue, and to the extent of half the block at the intersecting avenues.

FLUSHING AVENUE—SEWER, from Metropolitan avenue to Caspian street. Area of assessment affects property in Blocks Nos. 2, 16, 20, 21, 22, 23, 24, 25, 26, 27, 28, 32, 34 and 35.

WOODBINE STREET—SEWER, between Seneca and Fairview avenues. Area of assessment: Both sides of Woodbine street between Seneca and Fairview avenues including property in Blocks Nos. 59, 77, 100, 101, 104, 105, 107 and 108.

FOURTH WARD.

LEFFERTS AVENUE — RECEIVING BASINS on the northwest and southwest corners of Roanoke avenue; northwest and southwest corners of Suwanee avenue; northwest corner of Tuckhoe avenue; northwest and southwest corners of Ulster avenue, and on the northwest and southwest corners of Vistula avenue. Area of assessment affects property in Blocks Nos. 620, 626, 2440, 2441, 2478 and 2479.

—that the same were confirmed by the Board of Assessors on June 2, 1914, and entered June 2, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 1, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 2, 1914. j10,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS IN THE BOROUGH OF MANHATTAN:

SECOND WARD, SECTION ONE.

JOHN STREET—ALTERATION AND IMPROVEMENT TO SEWER from Nassau to William Street. Area of assessment affects Blocks 65, 67, 78 and 79.

EIGHTEENTH WARD, SECTION THREE.

TWENTY-FOURTH STREET — ALTERATION AND IMPROVEMENT TO SEWER between 4th and Madison Avenue. Area of assessment affects Blocks 853 and 854.

TWENTY-SECOND WARD—SECTION FOUR.

FIFTY-SEVENTH STREET AND SIXTH AVENUE—BASIN at the Northwest Corner. Area of assessment affects Block 1010.

NINETEENTH WARD, SECTION FIVE.

EXTERIOR STREET—PAVING, CURBING, ETC., between Sixty-fourth and Sixty-seventh streets, and from a point 100 feet south of the southerly line of Seventieth Street to a point 100 feet north of the northerly line of Seventieth Street. Area of assessment affects Blocks 1475 to 1479, inclusive, and 1481 and 1482.

TWELFTH WARD, SECTION SEVEN.

FIFTH AVENUE AND ONE HUNDRED FORTY-FIRST STREET—BASIN at the southwest corner. Area of assessment affects Block 1738.

TWELFTH AVENUE—PAVING from One Hundred Thirty-fourth Street to north line of One Hundred Thirty-fifth Street. Area of assessment, both sides of Twelfth Avenue from One Hundred Thirty-fourth Street to the north line of One Hundred Thirty-fifth Street and to the extent of half the block at the intersecting and terminating streets.

RIVERSIDE DRIVE—BASIN, Easterly side between One Hundred Thirty-ninth and One Hundred Forty-second Street. Area of assessment affects Blocks 2087 and 2088.

ONE HUNDRED TWENTY-FIRST STREET AND SEVENTH AVENUE—BASIN at the northwest corner. Area of assessment affects Block 1927.

TWELFTH WARD, SECTION EIGHT.

PARK TERRACE WEST—REGULATING, GRADING, CURBING AND FLAGGING, from Two Hundred Eighteenth Street to a point one hundred feet south of Two Hundred Fifteenth Street. Area of Assessment, both sides of Park Terrace West from Two Hundred Eighteenth Street to a point 100 feet south of Two Hundred Fifteenth Street and to the extent of half the block at the intersecting and terminating streets and avenues.

—that the same was confirmed by the Board of Assessors on June 2, 1914, and entered on June 2, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Municipal Building, north side, 3d floor, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 1, 1914, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 2, 1914. j10,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF RICHMOND.

FIRST WARD AND SECOND WARD.

CONSTRUCTING A SANITARY SEWER in MANOR ROAD from Columbia Street to Richmond Turnpike. Area of assessment affects Plot 2, Blocks Nos. 6, 10 and 11; Plot 4, Blocks Nos. 2, 5, 6 and 7; Plot 5, Block Nos. 70, 82 and 83; Plot 6, Block Nos. 1 and 2; Plot 7, Block No. 5; Plot 13, Block Nos. 1, 2 and 3; Plot 14, Block Nos. 1, 2, 2A, 3, 3A, 4, 4A, 5, 5A, 6, 6A and 7; Plot 15, Block No. 2; Plot 16, Block No. 1; Plot 17, Block Nos. 1, and 5 to 18; Plot 18, Block Nos. 1 to 5, 7 and 8; Plot 19, Block No. 1, 1st Ward. Plots 22 to 24, and 28 to 31, Block Nos. 739 to 746, 764, 769 and 776, 2d Ward.

THIRD WARD.

CASTLETON AVENUE — REGULATING, AND GRADING from Jewett Avenue to Simonson Place and from Heberton Avenue to Richmond Avenue. Area of assessment, both sides of Castleton Avenue from Jewett Avenue to Simonson Place and from Heberton Avenue to Richmond Avenue and to the extent of half the block at the intersecting and terminating streets and avenues.

FOURTH WARD.

Regulating, grading and flagging Beach ave., between Amboy road and 10th st.; Ocean ave., between 1st and 10th sts.; 2d st., between New Dorp lane and Amboy road; 4th st., between New Dorp lane and Ocean ave.; 7th st., between Beach and Ocean aves.; 8th st., between New Dorp lane and Beach ave.; and 9th st., between New Dorp lane and Beach ave., 4th Ward. Flagging only 1st st., between New Dorp lane and Amboy road; 5th st., between New Dorp lane and Beach ave.; north side of 5th st., between New Dorp lane and Elm ave.; 6th st., between New Dorp lane and Beach ave.; Rose ave., between 10th st. and the Staten Island Railroad; 8th st., between New Dorp lane and Beach ave., and 2d st., between Rose and Ocean aves., 4th Ward. Together with a list of awards for damages caused by a change of grade.

The area of assessment in the above list, where the work includes regulating and grading, extends to within half the block at the intersecting and terminating streets and avenues, and where it consists of flagging only affects property in front of which work was done.

—that the same were confirmed by the Board of Assessors on June 2, 1914, and entered on June 2, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of the Greater New York Charter.

Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Borough Hall, St. George, Borough of Richmond, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon, and all payments made thereon on or before August 1, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 2, 1914. j10,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all pesons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

SEVENTEENTH WARD, SECTION 9.

OAKLAND STREET—BASIN at northeast corner of Paidge avenue and southeast corner of Water street. Area of assessments affects property in Block 2480.

TWENTY-FOURTH WARD, SECTION 5.

CARROLL STREET—SEWER, from a point 100 feet west of Nostrand avenue to end of existing sewer in Carroll street, about 240 feet west of Nostrand avenue. Area of assessment affects Block No. 1289 and Lots 51, 53 and 55 in Block 1282.

TWENTY-SIXTH WARD, SECTION 12.

HOWARD AVENUE—SEWER, between East New York and Sutter avenues. Area of assessment: Both sides of Howard avenue between East New York and Sutter avenues.

SEWERS in LIVONIA AVENUE between Ames and Douglass streets and in DOUGLASS STREET between Livonia avenue and East Ninety-eighth street and between Dumont and Livonia avenues. Area of assessment affects property in Blocks Nos. 3569, 3570, 3583, 3584, 3596, 3597, 3608, 3609, 3619 and 3620.

TWENTY-NINTH WARD, SECTIONS 5, 12 AND 15.

EAST NEW YORK AVENUE—PAVING, between East Ninety-eighth street and Pitkin avenue. Area of assessment: Both sides of East New York avenue from East Ninety-eighth street to Pitkin avenue, and to the extent of half the block at the intersecting and terminating streets and avenues.

TWENTY-NINTH WARD, SECTION 15.

SEWERS in BROOKLYN AVENUE between Tilden avenue and Beverley road; BEVERLEY ROAD between Brooklyn avenue and East Thirty-fifth street, and in BROOKLYN AVENUE between Snyder and Tilden avenues. Area of assessment affects Blocks Nos. 4906, 4907, 4920, 4921, 4935 and 4936.

EAST NEW YORK AVENUE—PAVING, between Utica avenue and East Ninety-eighth street. Area of assessment: Both sides of East New York avenue between Utica avenues and East Ninety-eighth street, and to the extent of half the block at the intersecting streets and avenues.

TWENTY-NINTH WARD, SECTION 16.

RECEIVING BASIN at the northwest corner of MAPLE STREET and ROGERS AVENUE. Area of assessment affects property in Block 5029 facing Maple street and Bedford avenue.

ERASMUS STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Nostrand and Rogers avenues. Area of assessment: Both sides of Erasmus street from Nostrand to Rogers avenues, and to the extent of half the block at the intersecting streets and avenues.

FORTY-FIRST STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Fourteenth and Sixteenth avenues. Area of assessment: Both sides of Forty-first street from Fourteenth to Sixteenth avenues, and to the extent of half the block at the intersecting avenues.

CHURCH AVENUE—PAVING, from Ocean Parkway to Gravesend avenue. Area of assessment: Both sides of Church avenue from Ocean Parkway to Gravesend avenue, and to the extent of half the block at the intersecting streets.

THIRTIETH WARD, SECTION 17.

FORTY-FIFTH STREET—BASIN at the northwest corner of old New Utrecht road. Area of assessments affects property in Block 5432.

SEWERS in FORTY-NINTH STREET from Seventeenth avenue to the Long Island Railroad; FIFTY-FIRST STREET between Eighteenth and Nineteenth avenues; FIFTY-SECOND STREET between Sixteenth and Eighteenth avenues, and in EIGHTEENTH AVENUE between Forty-ninth and Fifty-second streets. Area of assessment affects property in Blocks Nos. 5444, 5445, 5449, 5450, 5455, 5456, 5460, 5461, 5466, 5467, 5468, 5472, 5473 and 5474.

THIRTIETH WARD, SECTION 18.

FIFTH AVENUE—RECEIVING BASIN, on the westerly side at centre line of Sixty-fifth street. Area of assessment affects property in Blocks Nos. 5818 and 5827.

SIXTY-SEVENTH STREET—RECEIVING BASIN at the westerly corner of first street (unnamed) east of Fifth avenue. Area of assessment affects property in Block No. 5856.

THIRTIETH WARD, SECTION 19.

EIGHTY-FIRST STREET—SEWER, between Twentieth and Twenty-first avenues. Area of assessment: Both sides of Eighty-first street between Twentieth and Twenty-first avenues.

THIRTIETH WARD, SECTION 19.

EIGHTY-FIRST STREET—SEWER, between New Utrecht and Eighteenth avenues. Area of assessment: Both sides of Eighty-first street between Eighteenth and New Utrecht avenues, in-

cluding property in Block 6314 on New Utrecht avenue.

SIXTEENTH AVENUE—SEWER, between Bath and Benson avenues. Area of assessment: Both sides of Sixteenth avenue between Bath and Benson avenues.

THIRTY-FIRST WARD, SECTION 20.

EAST TENTH STREET—SEWER, between Foster avenue and Avenue H and in AVENUE H between East Tenth street and Coney Island avenue. Area of assessment affects property in Blocks Nos. 6494 to 6498, inclusive, 6509 to 6513, inclusive.

AVENUE I—SEWER, between Gravesend avenue and East Second street, and in EAST SECOND STREET between Avenue I and Bay Parkway. Area of assessment affects Blocks Nos. 6499, 6500, 6504, 6505, 6514, 6515, 6524 and 6525.

—hat the same were confirmed by the Board of Assessors on June 2, 1914 and entered June 2, 1914, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Offerman Building, No. 503 Fulton street, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 1, 1914, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller
City of New York, Department of Finance, Comptroller's Office, June 2, 1914. j10,20

Corporation Sales of Buildings.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of The Bronx,

BEING the buildings, parts of buildings, etc., standing within the lines of Matthews Avenue, from Van Nest Avenue to Bear Swamp Road, 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 10, 1914, the sale by sealed bids at the upset or minimum prices named in the description of each parcel, of the above buildings and appurtenances thereto will be held by direction of the Comptroller, on

FRIDAY, JULY 3, 1914.

at 11 A. M. in lots and parcels, and in manner and form, and at upset prices as follows:

PARCEL No. 253. Fence and part of steps No. 1717 Matthews Avenue. Upset price, $2.

PARCEL No. 254. Fence No. 1719 Matthews Avenue. Upset price, $2.

PARCEL No. 257. Fence and part of steps No. 1723 Matthews Avenue. Upset price, $2.

PARCEL No. 258. Iron fence and part of steps No. 1725 Matthews Avenue. Upset price, $3.

PARCEL No. 260. Fence and part of steps No. 1731 Matthews Avenue. Upset price, $2.

PARCEL No. 261. Fence and part of steps No. 1733 Matthews Avenue. Upset price, $2.

PARCEL No. 271. Part of two and one-half story frame house No. 825 Kinsella Street. Cut 9.3 feet on front by 11.8 feet on rear. Upset price, $100.

PARCEL No. 283-284. Part of one-story frame barn No. 1826 Matthews Avenue. Cut 0.9 feet on south side by 3.5 feet on north side. Also, board fence. Upset price, $5.

PARCEL No. 306. Part of three-story frame house No. 1919 Bronxdale Avenue. Cut 0.6 feet on east side by 32.1 feet on west side from rear of house. Also frame shed and fences in rear of house. Upset price, $50.

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 3d day of July, 1914, 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 July 3, 1914," 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."

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 11, 1914. j16,jy2

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of Brooklyn.

BEING the buildings, parts of buildings, etc., standing within the lines of Crown Street, from Utica Avenue to Rochester Avenue, in the Borough of Brooklyn, 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 10, 1914, 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

WEDNESDAY, JULY 1, 1914.

at 11 A. M. in lots and parcels, and in manner and form, and at upset prices as follows:

PARCEL No. 54. Part of one-story and attic frame house on the northwest corner of Ford Street. Cut 9.2 feet on rear by 1 foot on front, also chicken house in rear. Upset price, $5.

PARCEL No. 55. One-story frame house on Crown Street on the west side of Ford Street, and shed in rear. 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 11.00 a. m. on the 1st day of July, 1914, 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 July 1, 1914," 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."

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 10, 1914. j15,jy1

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

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 the buildings, parts of buildings, etc., standing within the lines of Liberty Avenue, from the Brooklyn Borough Line to Spruce Street, 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, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held June 10, 1914, 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 30, 1914.

at 11 A. M., in lots and parcels, and in manner and form, and at upset prices as follows:

PARCEL No. 8-9. Part of two-story frame theatre on the north side of Liberty Avenue at Ruby Street. Cut 19.91 feet on east and west sides. Upset price, $25.

PARCEL No. 14. Part of two-story frame house on the north side of Liberty Avenue, 40 feet west of Emerald Street. Cut 0.95 feet on west side by 1.02 feet on east side. Upset price, $2.

PARCEL No. 33. Part of two-story frame house at the corner of Liberty Avenue and Huntington Street. Cut 17.69 feet on west front by 4.62 feet on rear. Upset price, $25.

PARCEL No. 34. Part of one-story frame house 90 feet east of Parcel No. 33. Cut 0.90 feet on west side by 1.45 feet on south side. Also two sheds. Upset price, $5.

PARCEL No. 40-41. Part of one and one-half story frame house on the north side of Liberty Avenue, 40 feet east of Digby Street. Cut 17.66 feet on west side by 16.15 feet on east side. Upset price, $10.

PARCEL No. 42-43. Part of two-story frame house east of and adjoining Parcel No. 40-41. Cut 11.09 feet on west side by 10.74 feet on east side. Upset price, $10.

PARCEL No. 44. Part of two-story frame house east of and adjoining Parcel No. 42-43. Cut 14.87 feet on west side by 16.79 feet on east side. Upset price, $15.

PARCEL No. 47. Part of one and one-half story frame house 90 feet east of Parcel No. 44. Cut 10.33 feet on west side by 10.38 feet on east side. Upset price, $5.

PARCEL No. 49. Part of two-story frame house on the north side of Liberty Avenue at Perkins Street. Cut 19.13 feet on west side by 18.15 feet on east side. Upset price $15.

PARCEL No. 115. Part of two-story frame building on the northwest corner of Liberty and Vanderveer Avenues. Cut 19.45 feet on south side by 4.15 feet on east side. Upset price, $10.

PARCEL No. 118. Part of three-story brick building on the northeast corner of Liberty and Vanderveer Avenues. Cut 14.93 feet on west side by 14.83 feet on east side. Upset price, $100.

PARCEL No. 138-139. Part of one-story and two-story frame buildings on the northwest corner of Liberty and Ocean Avenues. Cut 9.96 feet on west side by 9.90 feet on east side. Upset price, $25.

PARCEL No. 146. Part of three-story building on the northeast corner of Liberty and Ocean Avenues. Cut 19.86 feet on west side by 20.07 feet on east side. Upset price, $100.

PARCEL No. 213. Part of one and two-story frame building on the northwest corner of Liberty and Cedar Avenues. Cut one-story part 10.32 feet on front by 1.23 feet on east side. Cut two-story part 1.23 feet on west side by 4.80 feet on east side. Upset price, $5.

PARCEL No. 233. Part of two-story frame house on the north side of Liberty Avenue, 25 feet west of Church Street (Johnson Avenue). Cut 6.47 feet on west side by 6.51 feet on east side. Upset price, $25.

PARCEL No. 338. Part of three-story brick building on the southwest corner of Liberty and Leffert Avenues. Cut 8.8 feet on west side by 0.7 feet on east side. Upset price, $25.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Borough of Manhattan, until 11 a. m. on the 30th day of June, 1914, 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 July 30, 1914," 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."

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, June 10, 1914. j13,30

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 January 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., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated January 1, 1914.

Asphalt, Asphalt Block and Wood Block Pavements.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated January 1, 1914.

January 1, 1914.

WILLIAM A. PRENDERGAST, Comptroller.

Sales of Tax Liens.

NOTICE OF CONTINUATION OF MANHATTAN TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Manhattan, as to liens remaining unsold at the termination of the sale of September 4, October 9, November 13, December 18, 1913, January 15, February 26, April 2, 1914, May 7, 1914, and June 11, 1914, has been continued to

THURSDAY, JULY 16, 1914,

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Aldermanic Chamber, City Hall, Borough of Manhattan, City of New York.

Dated June 11, 1914.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. j13,jy16

NOTICE OF CONTINUATION OF THE BRONX TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of the sale of December 16, 1912, January 6, January 27, February 17, March 10, March 31, April 21, May 12, June 9, June 23, July 7, July 21, August 18, August 23, September 22, October 20, November 17, December 15, 1913, January 12, February 16, March 12, May 4 and June 8, 1914, has been continued to

MONDAY, JULY 6, 1914.

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time on the fourth floor of the Bergen Building, corner of Arthur and Tremont aves., Borough of The Bronx, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated June 8, 1914. j10,jy6

NOTICE OF CONTINUANCE OF BROOKLYN TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Brooklyn, as to liens remaining unsold at the termination of the sale of October 15th, November 5th, December 3rd, 1913, and January 7th, February 11th, March 18th, April 22nd and May 27, 1914, has been continued to

WEDNESDAY, JUNE 24, 1914.

at 2.30 p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in Room 2 in basement of the Borough Hall, Brooklyn, N. Y.

Dated May 27, 1914.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. m28,j24

POLICE DEPARTMENT.

Traffic Rules and Regulations.

POLICE DEPARTMENT, CITY OF NEW YORK, June 12, 1914.

Important.

Notice to Owners, Chauffeurs and Drivers of Automobiles and Other Vehicles, and to Riders of Saddle Horses, Motorcycles and Bicycles, Under Section 315, Greater New York Charter.

FULTON STREET FROM COURT SQUARE TO BOND STREET, BOROUGH OF BROOKLYN, N. Y.

I, ARTHUR WOODS, POLICE COMMISsioner of the City of New York, by virtue of authority vested in me by law do hereby make and adopt the following rules and regulations for the conduct of vehicular traffic in the use of the public streets, squares and avenues of the City of New York:

Hereafter, in order to prevent congestion of vehicular traffic and to insure the safety of persons traveling on foot across the territory known as Fulton Street, from Court Square to Bond Street, Borough of Brooklyn, City of New York, the following rules will be enforced by

the Police Department in regulating traffic under the Rules of the Road, and vehicles will proceed as hereinafter specified:

No vehicle proceeding in either direction on Fulton Street, from Court Square to Bond Street, shall cross from one side of Fulton Street to the other, *except at Street intersections.*

These rules will not apply to vehicles carrying United States Mails, Police and Fire Apparatus, Bureau of Buildings, Insurance Patrol, while engaged in emergency work, Military, Emergency Repair Wagons of Public Service Corporations, Ambulances and Vehicles which run only on rails or tracks.

ARTHUR WOODS, Police Commissioner.
j17

Auction Sales.

POLICE DEPARTMENT, CITY OF NEW YORK, May 28th, 1914.

PUBLIC NOTICE IS HEREBY GIVEN that the One Hundred and Sixty-third Public Auction Sale, consisting of UNCLAIMED BOATS, will be held at the station of Sub-Division "B," Marine Division, Foot of East 120th Street, Borough of Manhattan, on

FRIDAY, JUNE 19, 1914.

at 11 A. M.

Lot 1. 12 Ft. row boat, 14 Ft. Metalic row boat, 14 Ft. double end skiff, 12 Ft. skiff.
Lot 2. 12 Ft. skiff.
Lot 3. 17 Ft. skiff.
Lot 4. 12 Ft. skiff, 12 Ft. skiff.
Lot 5. 12 Ft. skiff.
Lot 6. 10 Ft. skiff.
Lot 7. 12 Ft. skiff.
Lot 8. 14 Ft. skiff.
Lot 9. 16 Ft. dory.
Lot 10. 14 Ft. skiff.
Lot 11. 14 Ft. skiff.
Lot 12. 15 Ft. skiff.
Lot 13. 8 Ft. skiff.
Lot 14. 12 Ft. skiff.
Lot 15. 8 Ft. skiff, 10 Ft. row boat.
Lot 16. 11 Ft. skiff.
Lot 17. 16 Ft. row boat.
Lot 18. 12 Ft. row boat, 16 Ft. double end metalic boat.
Lot 19. 12 Ft. flat bottom sail boat, no sail or mast.
Lot 20. 12 Ft. skiff.
Lot 21. 10 Ft. row boat.
Lot 22. 18 Ft. canoe.
Lot 23. 4 Yellow pin timbers 12x12, 24 Ft. long; 1 Yellow pine timber 12x12, 15 Ft. long.
Lot 24. 1 Float, 14x25 Feet.
Lot 25. 20 Ft. launch.

ARTHUR WOODS, Police Commissioner.
j8,19

POLICE DEPARTMENT, CITY OF NEW YORK, OFFICE OF ASSISTANT PROPERTY CLERK, BROOKLYN, N. Y., May 27, 1914.

PUBLIC NOTICE IS HEREBY GIVEN that the 18th PUBLIC AUCTION SALE, consisting of UNCLAIMED PROPERTY (watches, chains, fobs, pins, rings, lockets, clothing, iron, brass, copper, lead, knives, forks, spoons, baby carriage, suit cases, hand bags, pocket books, clocks, rugs, shoes, tools, hardware, umbrellas, etc., etc.), will be held in the TRIAL ROOM, at POLICE HEADQUARTERS, No. 78 POPLAR STREET, BROOLYN, on

THURSDAY, JUNE 18, 1914.

at 10 A. M.

ARTHUR WOODS, Police Commissioner.
j6,18

Owners Wanted for Unclaimed Property.

POLICE DEPARTMENT, CITY OF NEW YORK.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, No. 240 Centre st., 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.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York--Office, No. 72 Poplar st., Borough of Brooklyn--for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

ARTHUR WOODS, Police Commissioner.

DEPARTMENT OF DOCKS AND FERRIES.

Auction Sale of Privileges.

BRYAN L. KENNELLY, AUCTIONEER.

WILL OFFER FOR SALE ON BEHALF OF the Department of Docks and Ferries at public auction to the highest bidder on

FRIDAY, JUNE 26, 1914.

at 12 o'clock noon, at Pier A, foot of Battery Place, North River, Borough of Manhattan, the herein detailed privileges, at the terminal building at the Brooklyn Terminal of the 39th Street Ferry, foot of 39th street, Borough of Brooklyn, to be exercised under and according to the terms, conditions and limitations of agreement with the Commissioner of Docks to be entered into as hereinafter required, for a term beginning at noon on July 1, 1914, and continuing to noon on May 1, 1915.

Each lot will be sold separately.

Lot No. 1. Privilege of vending, selling and furnishing newspapers, books, periodicals, confectionery, orangeade, cigars, tobacco and any other articles which may at any time be included at the discretion of the Commissioner of Docks, except the articles specifically named in Lot No. 2. This privilege will include the use of a stand which will be immediately installed by the City on the upper floor of the terminal building. All articles offered for sale must be confined within the stand area, except that a small stand for the sale of newspapers will be allowed at the entrance to the terminal building at such point as may be designated by the Commissioner of Docks. The stand in the terminal building, the use of which will be allowed to the concessionaire, will remain the property of The City of New York. All lighting in and on this stand must be paid for by the concessionaire and must be arranged for by the concessionaire with the approval of the Department of Water Supply, Gas and Electricity and the Department of Docks and Ferries.

Lot No. 2. The privilege of vending, selling and furnishing refreshments on the lower floor of the terminal building, including fruits, sandwiches, pies, milk, coffee, soda water and other soft drinks and ice cream and any other articles which may at any time be included at the discretion of the Commissioner of Docks, except the articles specifically named in Lot No. 1. This privilege will include the use of the stand on the lower floor of the terminal building which stand is and will remain the property of The City of New York. All lighting in and on this stand must be paid for by the concessionaire and must be arranged for by the concessionaire with the approval of the Department of Water Supply, Gas and Electricity and the Department of Docks and Ferries. Coffee may be made upon the premises, but with this one exception no cooking of any kind whatsoever is to be done upon the premises. All articles offered for sale must be confined within the stand area.

Lot No. 3. The privilege of placing, maintaining and operating automatic vending and weighing machines on the upper and lower floors of the terminal building, excepting Centadrink water machines. This privilege will be limited to the maintenance of six (6) machines on the lower floor and to six (6) machines on the upper floor of the terminal building, the character and exact location of such machines on each floor to be arranged with the Superintendent of Ferries.

GENERAL TERMS AND CONDITIONS.

All bidding shall be upon the basis of an aggregate per annum fee or compensation to The City of New York for the privileges included in the lot which shall be payable to the Cashier of the Department of Docks and Ferries. The successful bidder on each lot is to pay to the Department of Docks and Ferries at the time of the sale one-third of the amount of the per annum fee or compensation which is bid by the successful bidder to be paid to The City of New York for the lot, as security for carrying into effect the terms of the sale, which amount will be applied to the payment of the fee or compensation first accruing under the agreement when executed, for the months of July, August, September and October, or will be forfeited to The City of New York as liquidated damages if the successful bidder neglects or refuses to execute the agreement with good and sufficient bond or obligation of a Surety Company as hereinafter provided for. On November 1, 1914, one-quarter of the amount of the per annum fee or compensation is to be paid to the Cashier of the Department of Docks and Ferries to cover the quarter beginning at noon on November 1, 1914; and on February 1, 1915, a similar payment of one-quarter of the per annum fee or compensation is to be made to the Cashier of the Department of Docks and Ferries to cover the quarter beginning at noon on February 1, 1915.

2. The successful bidder on each lot will be allowed the privilege of subletting any portion or portions of the privilege included within the lot, subject, however, to consent thereto in writing being first obtained from the Commissioner of Docks. The subletting of any portion of the privileges without having first obtained the consent, in writing, of the Commissioner of Docks thereto, shall at once subject the successful bidder to forfeiture of the privileges held by him at the election of the Commissioner of Docks, who, in the event of any such forfeiture, shall then have the power at any time during the term of the privileges, to revoke and cancel the permit for the exercise thereof and to resell such privileges; and the successful bidder so forfeiting privileges shall be liable to The City of New York for any deficiency resulting from such resale.

3. The successful bidder on each lot will be required to:

(a) At the time of the sale pay the auctioneer's fee to the auctioneer as follows:

Lot No. 1, $25.00; Lot No. 2, $15.00; Lot No. 3, $10.00.

(b) Enter into a written agreement with the Commissioner of Docks, at the time of the sale, to comply with the terms, conditions and limitations of the permit issued to him by the Commissioner of Docks, blank forms of which agreement are on file for examination at the office of the Secretary of the Department of Docks and Ferries.

(c) Pay to the Department of Docks and Ferries at the time of sale the amount hereinbefore provided for, which amount will be forfeited to The City of New York as liquidated damages if the successful bidder neglects or refuses to execute the agreement or neglects or refuses to furnish a good and sufficient bond or obligation of a Surety Company authorized by law to act as surety, in the sum of the annual fee or compensation for the lot, to be approved by the Commissioner of Docks, for the faithful performance of the terms and conditions thereof, which surety company bond or obligation must be furnished within five days after being notified that the form of bond or obligation is ready for execution by the successful bidder and by the Surety Company at the office of the Department of Docks and Ferries, Pier A, foot of Battery place, North River.

(d) Arrange with the Department of Water Supply, Gas and Electricity for any water required in connection with the privileges, and must pay to said Department the regular water charges for the water used. All gas installation will be by and at the expense of the successful bidder, subject to the rules and regulations of the Department of Water Supply, Gas and Electricity, and the gas must be paid for by the successful bidder. Any electricity required by the successful bidders other than the regular lighting of the terminals must be paid for by the successful bidders. No installation of water, gas or electricity shall be attempted without consent being first obtained from the Department of Water Supply, Gas and Electricity and from the Commissioner of Docks.

4. The Commissioner of Docks expressly reserves the right to:

(a) Revoke, cancel and annul any permit issued to or agreement made with any successful bidder at this sale who shall fail or neglect to observe, keep and perform any of the terms, conditions or limitations of such permit or agreement.

(b) Resell any privileges where the successful bidder fails, refuses or neglects to comply with the terms and conditions herein contained, the parties so failing, refusing or neglecting to be liable to The City of New York for any deficiency resulting from or occasioned by such resale.

(c) Grant to other than the successful bidders the privilege to maintain and operate "Cent-a-Drink" or other or similar water machines.

(d) Reject any and all bids if, in his judgment, he deem it for the best interests of The City of New York so to do. No person will be accepted as a successful bidder who is delinquent on any form of contract with the Department of Docks and Ferries or with The City of New York. No bid will be received from any person who is in arrears to the Department of Docks and Ferries, or to The City of New York upon debt or contract, or who is a defaulter as surety or otherwise upon any obligation to the Department of Docks and Ferries or to The City of New York.

R. A. C. SMITH, Commissioner of Docks.
Dated New York, June 12, 1914. j16,26

COMMISSIONERS OF SINKING FUND.

Auction Sale.

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

THURSDAY, JULY 2, 1914.

at 12 o'clock M., in Room 368, Municipal Building, Borough of Manhattan, the following described real estate belonging to the corporation of The City of New York:

ALL that certain piece or parcel of land situate, lying and being in the Town of Somers, County of Westchester, State of New York, shown on Sheet No. 56 of Atlas of Lands of Westchester County, used for water supply purposes, on file in the office of the Commissioner of Water Supply, Gas and Electricity, New York City, and more particularly described as follows:

BEGINNING at the point formed by the intersection of the easterly boundary line of the property of The City of New York, with the easterly side of road along the easterly side of the Amawalk reservoir, said property line being the easterly boundary of Parcel 17A (shown on above mentioned map) of the Amawalk reservoir takings; running thence south 14 degrees 8 minutes east 380 feet, more or less, along the easterly boundary of lands of The City of New York to the end of a stone wall; thence westerly about 60 feet, more or less, to the easterly line of the above mentioned road; thence northerly along said road about 400 feet, more or less, to the point or place of beginning, containing within said bounds 0.45 acres, more or less.

The minimum or upset price at which said land shall be sold is hereby appraised and fixed at the sum of one hundred and fifty dollars ($150), plus the cost of advertising the sale. The sale to be made upon the following

TERMS AND CONDITIONS:

The highest bidder will be required to pay ten (10) per cent. of the amount of his bid 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 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.

The deed delivered shall be in the form of a bargain and sale deed without covenants, and shall contain a clause prohibiting the erection upon the demised premises of any building or buildings, nor shall any cesspool be created thereon, nor the seepage of any cesspool allowed to run therethrough, nor shall the premises be used at any time for any purpose detrimental to the City's water supply; the City to have access at all times for the purpose of protecting such water supply.

Maps of said real estate may be seen on application at the Comptroller's office, (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 June 10, 1914.

ALEX. BROUGH, Deputy and Acting Comptroller, City of New York.

Department of Finance, Comptroller's Office, June 13, 1914. j16,jy2

BOARD OF ESTIMATE AND APPORTIONMENT.

Notice of Public Hearing.

FRANCHISE MATTERS.

PUBLIC NOTICE IS HEREBY GIVEN THAT the public hearing on the form of contract modifying contract dated July 10, 1912, granting a franchise to the *Manhattan Bridge Three Cent Line*, by substituting a new route on Fulton street, Ashland place and Lafayette avenue, Borough of Brooklyn, for a portion of its existing route on Rockwell place, Flatbush avenue, 4th avenue and Atlantic avenue, which hearing was by resolution duly adopted on November 20, 1913, fixed for December 24, 1913, and was continued from time to time until June 12, 1914, was continued on the latter date until June 19, 1914, at 10.30 o'clock a. m., in Room 16, City Hall, Borough of Manhattan, at which time and place all persons interested will be afforded an opportunity to appear and be heard thereon.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth.

Dated, New York, June 15, 1914. j15,19

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held on June 5, 1914, the following resolutions were adopted:

Whereas, The Yonkers Electric Light and Power Company, the Westchester Lighting Company, the New York Edison Company, and the United Electric Light and Power Company have, under date of May 28, 1913, made joint application to this Board for the grant of the right, privilege and franchise to construct, maintain and operate ducts, conduits, poles and towers and the necessary fixtures attached thereto, upon a route along the Catskill Aqueduct lands between The City of New York and the boundary line between the Counties of Westchester and Putnam, and to place wires therein or thereon for the purpose of supplying electrical power; 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 June 9, 1913, fixing the date for public hearing thereon as July 10, 1913, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the "New York Press" and "The Sun," 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 Yonkers Electric Light and Power Company, Westchester Lighting Company, The New York Edison Company and The United Electric Light and Power Company, and the adequacy of the compensation proposed 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 Yonkers Electric Light and Power Company, Westchester Lighting Company, The New York Edison Company and The United Electric Light and Power Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

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

PROPOSED FORM OF CONTRACT.

THIS CONTRACT, made this day of , 19 , by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and The Yonkers Electric Light and Power Company (hereinafer called the Yonkers Company), the Westchester Lighting Company (hereinafter caller the Westchester Company), The New York Edison Company (hereinafter called the Edison Company), and The United Electric Light and Power Company (hereinafter called the United Company), parties of the second part (which companies when referred to collectively are hereinafter called the grantees), witnesseth:

Whereas, It is essential that high tension electric power be available at all times for the purpose of unwatering the pressure tunnels of the Catskill Aqueduct, constructed pursuant to Chapter 724 of the Laws of 1905 and acts amendatory thereof and supplementary thereto (hereinafter referred to as the Catskill Aqueduct); the points where power for this purpose is required being:

(*a*) At or near Croton Lake;

(*b*) At Shaft No. 21 of the City Aqueduct, situated at or near the intersection of Clinton and South Streets, in the Borough of Manhattan, and

(*c*) At Shaft No. 11 of the City Aqueduct, situated in Morningside Park, between 120th and 121st Streets, if the same were extended, in the Borough of Manhattan; and

Whereas, Low tension electrical current will be necessary for the operation of the gates and other plant and machinery at the Kensico and Hill View gate houses, at the various siphon chambers and elsewhere and for the lighting of bridges, gate-houses, offices and other buildings and adjacent grounds along the line of the Catskill Aqueduct; and

Whereas, The United Company, the Yonkers Company and the Westchester Company are each engaged in the manufacture and distribution of electric current within certain areas along the Catskill Aqueduct; and

Whereas, The Edison Company is engaged in the manufacture and distribution of electric current for general commercial purposes within the Boroughs of Manhattan and The Bronx, and owns the stock of The Yonkers Company, and is affiliated with The United and the Westchester Companies, and is willing to join with said Companies in guaranteeing that such electric service shall be furnished to the City; and

Whereas, The Edison, United, Yonkers and Westchester Companies have joined in a petition to the Board in which each severally requests that the Board grant to each Company the right or franchise within the territory in which it operates to construct, maintain and use ducts, conduits, poles and towers with the necessary fixtures attached thereto, and to install and maintain therein or thereon wires, cables or other conductors upon and along the lands required for Catskill Aqueduct purposes and other lands acquired for water supply purposes by The City of New York from the Battery, in the Borough of Manhattan, to the boundary line between the Counties of Westchester and Putnam for the purpose of conveying and transmitting electricity and supplying and distributing the same for light, heat and power and for general commercial purposes, and proposes to furnish the City with both high and low tension current for the purposes hereinabove noted without cost to the City, as payment for said proposed grant:

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

SECTION 1. The City hereby grants, subject to the conditions and provisions hereinafter set forth, the right and privilege to construct, maintain and use such ducts, conduits, poles and towers with the necessary fixtures attached thereto, as are necessary for the operation of one line only of poles and towers, and install and maintain therein or thereon wires, cables or other conductors upon a route hereinafter described over the Catskill Aqueduct lands and other lands acquired for water supply purposes, between the northerly boundary line of the City and the boundary line between the Counties of Westchester and Putnam, acquired or purchased by the City, pursuant to Chapter 724 of the Laws of 1905, Chapter 490 of the Laws of 1883 and Chapter 256 of the Laws of 1834 and the acts amendatory thereof and supplementary thereto, as follows, but subject to the limitations hereinafter contained:

(*a*) To the Yonkers Company, along so much of said lands as lies within the City of Yonkers;

(*b*) To the Westchester Company, along so much of said land as lies within the County of Westchester, outside the City of Yonkers;

—the said wires, cables or other conductors to be used by the grantees for the purpose of transmitting electricity and supplying and distributing the same for light, heat and power for general commercial purposes, except as herein elsewhere limited, but for no other purpose whatsoever.

The said Catskill Aqueduct Lands upon which the said Companies are hereby authorized to construct such transmission line are partially described in certain deeds to the city and the remainder is shown, as hereinafter more specifically set forth upon Sections Nos. 1, 2, 9, 10, 11 and 13 to 16, inclusive, of the Southern Aqueduct Department and Section No. 1 of the Northern Aqueduct Department of "Maps of Real Estate to be Acquired by the City of New York Under the Provisions of Chapter 724 of the Laws of 1905, as amended," which maps are on file in the office of the County Clerk of the County of Westchester and in the office of the Board of Water Supply of the City of New York. Other lands upon which the said companies are hereby authorized to construct such transmission line—that is, for a distance of approximately 2,100 feet, be the same more or less, including the crossing of Croton Lake, are shown upon maps filed in the office of the County Clerk of the County of Westchester and hereinafter more specifically described.

The routes upon which said transmission line is hereby authorized with certain limitations with respect thereto is more particularly described as follows:

Along and across the lands acquired for the Hill View Reservoir, shown on Sections Nos. 1 and 2 of said real estate maps of the Southern Aqueduct Department.

Also beginning at the corner of Grove and Orient Streets, in the City of Yonkers; thence upon lands of the Catskill Aqueduct, as shown upon Section No. 16 of said real estate maps of the Southern Aqueduct Department to parcel No. 1151 and around said parcel in accordance with a certain deed dated October 7, 1911, from James Gordon Bennett to The City of New York, and a certain agreement also dated October 7, 1911, between James Gordon Bennett and the City of New York, both the said deed and the said agreement being recorded in the office of the Register of the County of Westchester, which are on file with the Board of Water Supply, to the Aqueduct lands at Parcel No. 1144 of said maps of said section No. 16; thence continuing upon said Aqueduct lands shown upon said maps of said section No. 16, Southern Aqueduct Department, to parcel No. 1135 thereof, at the line of Tuckahoe Road; thence across said parcel No. 1135, under the conditions stipulated in the report of the Commissioners of Appraisal on said section No. 16, said report having been confirmed by the Supreme Court on September 30, 1911, to parcel No. 1134 of said section

No. 16; thence continuing upon said Aqueduct lands, as shown upon the maps of said Section No. 16 to lands shown on said maps of Section No. 15, Southern Aqueduct Department; thence upon lands of the Catskill Aqueduct, as shown upon maps of said Section No. 15 to Parcel No. 1013 thereof at the line of the property of the Kensico Cemetery; thence across said Parcel No. 1013 in conformity with a resolution of the Board of Water Supply, adopted June 20, 1911, to Parcel No. 1012 of said Section No. 15 at the line of the property of the New York Central and Hudson River Railroad Company, lessee of the New York and Harlem Railroad Company; thence across said Parcel No. 1012, in accordance with a certain agreement between said Railroad Companies and the Board of Water Supply, dated January 5, 1911, which agreement is recorded in the office of the Register of the County of Westchester and is on file with the Board of Water Supply, to Parcel No. 1010 of said Section No. 15; thence continuing upon said Aqueduct Lands, as shown upon said maps of said Section No. 15, to lands acquired for the Kensico Reservoir, being shown on Sections Nos. 9, 10 and 11 of said real estate maps of the Southern Aqueduct Department; thence along such Kensico Reservoir Lands to the southerly end of the Aqueduct Lands shown on Section No. 14 of said real estate maps of the Southern Aqueduct Department; thence upon said Aqueduct Lands shown upon maps of said Section No. 14 to parcel No. 998 thereof; thence over said parcel No. 998 under such conditions as may be stipulated in such report of the Commissioners of Appraisal on said Section No. 14, and as may be confirmed by the Supreme Court, to parcel No. 997 of said Section No. 14; thence continuing upon said Aqueduct Lands, as shown upon the maps of the said Section No. 14 to Parcel No. 971 thereof at the line of the property of the New York Central and Hudson River Railroad Company, lessee of the New York and Harlem Railroad Company; thence across said Parcel No. 971, in accordance with a certain agreement between the said Railroad Companies and the Board of Water Supply, dated January 5, 1911, which agreement is recorded in the office of the Register of the County of Westchester and is on file with the Board of Water Supply, to Parcel No. 969 of said Section No. 14; thence continuing upon said Aqueduct Lands to Parcel No. 968 of said Section No. 14; thence making a detour from said Aqueduct Lands along a right of way acquired by the City not shown upon maps of said Section No. 14 but described in a certain deed from the Briarcliff Realty Company to the City of New York, dated January 5, 1911, which deed is recorded in the office of the Register of the County of Westchester and is on file with the Board of Water Supply, and along said detour or right of way to the point where said right of way again joins such Aqueduct Lands, at Parcel No. 967 of said maps of said Section No. 14; thence continuing upon said Aqueduct Lands as shown upon said maps of said Section No. 14, Southern Aqueduct Department, to the northerly end thereof and the southerly end of lands shown on maps of Section No. 13, Southern Aqueduct Department; thence continuing upon said Aqueduct Lands, as shown upon maps of said Section No. 13, to Parcel No. 958 thereof; thence making a detour from said Aqueduct Lands along a right of way acquired by the City, not shown upon maps of said Section No. 13, but described in a certain deed from Elisha P. Cronkhite and wife to the City of New York, dated June 9, 1910, which is recorded in the office of the Register of the County of Westchester and is on file with the Board of Water Supply, and along said detour or right of way to the point where said right of way again joins such Aqueduct Lands at Parcel No. 957 of said maps of said Section No. 13; thence continuing upon said Aqueduct Lands, shown upon said maps of said Section No. 13, Southern Aqueduct Department, to Parcel No. 952 thereof, at the line of the property of the New York Central and Hudson River Railroad Company, lessee of the New York and Putnam Railroad Company; thence across said Parcel No. 952, in accordance with a certain agreement between the said Railroad Companies and the Board of Water Supply, dated January 25, 1911, which agreement is recorded in the office of the Register of the County of Westchester and is on file with the Board of Water Supply, to Parcel No. 951 of said Section No. 13; thence continuing upon said Aqueduct Lands, as shown upon said maps of said Section No. 13 to the northerly side of Parcel No. 925 of said Section No. 13, at the line of the lands of the City of New York acquired for water supply purposes and shown upon sheets Nos. 11 and 12 of a map entitled: "City of New York, Department of Water Supply, Gas and Electricity. Atlas showing lands in Westchester County used for water supply purposes, 1914," which maps are signed by the Chief Engineer of the Department of Water Supply, Gas and Electricity and are filed in the office of said Department of Water Supply, Gas and Electricity; thence upon lands shown upon said Sheets Nos. 11 and 12, to the southerly side of Parcel No. 924 of said Section No. 13; thence continuing upon said Aqueduct Lands, as shown upon said maps of said Section No. 13, Southern Aqueduct Department, to the northerly end thereof and the southerly end of lands shown on maps of Section No. 1, Northern Aqueduct Department; thence continuing upon said Aqueduct Lands, as shown on Maps of said Section No. 1, Northern Aqueduct Department to the boundary line between the Counties of Westchester and Putnam.

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

First—The said right to construct, maintain and operate said transmission line shall be held and enjoyed by the grantees from the date upon which this contract is signed by the Mayor until January 1, 1938, with the privilege of renewal of said contract for the further period of twenty-five (25) years, upon a fair revaluation of such right and privilege.

If the grantees shall determine to exercise the privilege of renewal they 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 grantees and the Board.

If the grantees and the Board shall not reach such agreement on or before the day one (1) year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding twenty-five (25) years shall be reasonable, and either the City (by the Board) or the grantees 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, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested freeholders selected in the following manner:

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

Second—As compensation for the privilege hereby granted the grantees jointly and severally agree to install equipment and furnish electrical current to the City without charge to it, as follows:

(*a*) Install, reserve and maintain for the exclusive use of the City, as an integral part of the generating and distributing systems of the grantees, generating machinery, sub-station apparatus, cables, switches and controlling apparatus up to the switchboards in the structures of the drainage chambers now or to be hereafter provided by the Board of Water Supply of the City for the unwatering of the pressure tunnels of the Catskill Aqueduct; said drainage chambers situated or to be situated

(1) At or near Croton Lake at the shaft known as the Croton Lake Drainage Shaft;
(2) At or near the intersection of Clinton and South Streets at the shaft known as No. 21 of the City Aqueduct; and
(3) In Morningside Park between West 120th and West 121st Streets, if the same were extended, at the shaft known as No. 11 of the City Aqueduct,

—sufficient in capacity to deliver 850 kilowatts of three-phase alternating current having a frequency of sixty (60) cycles per second at a pressure of 2200 volts at each of the shafts Nos. 11 and 21 and 850 kilowatts of three-phase alternating current having a frequency of sixty (60) cycles per second at a pressure of 40,000 volts at the Croton Lake Drainage Shaft.

(*b*) Furnish when called upon by the Board of Water Supply or its authorized representatives electrical energy up to the capacity of 850 kilowatts of three-phase alternating current having a frequency of sixty (60) cycles per second at a pressure of 2200 volts at each of the shafts Nos. 11 and 21 and up to the capacity of 850 kilowatts of three-phase alternating current having a frequency of sixty (60) cycles per second at a pressure of 40,000 volts at the Croton Lake Drainage Shaft.

(*c*) Install and maintain for the use of the City wires, cables or other conductors and controlling apparatus up to the switchboards in the buildings or other structures owned by the City and used in the operation of the Catskill Aqueduct; that is to say, gate-houses, offices, bridges and all other buildings and chambers used in the operation and maintenance of the aqueduct and aqueduct lands of the city which may be situated north of Battery Park in the Borough of Manhattan and south of the bundary line between the Counties of Westchester and Putnam.

(*d*) Furnish whenever required two-phase or three-phase alternating current having a frequency of sixty (60) cycles per second, at a pressure of 110 or more volts, sufficient for operating all motors and other apparatus as may be required for the maintenance and operation of the aqueduct.

(*e*) Furnish whenever required single-phase alternating current having a frequency of sixty (60) cycles per second, at a pressure of 110 or more volts, or direct current at a pressure of 120 or more volts, sufficient for lighting all said buildings, bridges and grounds as may be necessary, and for any and all other purposes as may be required in connection with the maintenance and operation of the aqueduct and appurtenant works and structures.

Any and all payments to be made or service to be rendered by the terms of this contract to the City by the grantees shall not be considered in any manner in the nature of a tax, but such payments shall be made and such service rendered 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—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, to operate upon a route upon all or any part of lands acquired for aqueduct purposes.

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

Fifth—The consent hereby granted shall not be assigned, 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 acts of any of the grantees, 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.

Sixth—Should the grantees at any time fail to supply the service herein required as payment for the privilege herein granted in an efficient manner satisfactory to the Board of Water Supply, then the right herein granted shall cease and determine, and all sums paid or deposited with the City shall be and become the property of the City.

Seventh—It is understood by the parties hereto that the right herein granted is subject to any and every limitation imposed by law upon the use of the aqueduct lands outside of the present limits of the City or by any and every condition upon which such lands were purchased or acquired. It is understood also that no rights of any kind whatsoever are herein granted to or in any of the aqueduct lands lying within the present limits of the City.

Eighth—The transmission line hereby authorized shall be used only for the transmission of electrical current to and within the Counties of Westchester and Putnam of the State of New York, and shall not be used as a portion of or in connection with a transmission line extending into any other portion of the State of New York nor into any portion of any other state; provided that the Board may by resolution authorize the use of such transmission line for the transmission of electrical current from, to and within districts outside of said Counties of Westchester and Putnam, but the Board may, upon the adoption of such resolution, require such compensation for the additional right and prescribe such terms and conditions to govern the same as in its discretion it may deem proper.

Ninth—The grantees shall immediately begin the construction of ducts, conduits, poles and towers and the installation therein or thereon of wires, cables or other conductors and complete so much of such construction and installation as shall be necessary to furnish the service herein required and stand ready to supply the current herein required for the purposes of the Board of Water Supply, and the City of New York on or before October 1, 1914; otherwise this right shall cease and determine; provided that the time for completion of such construction and installation and the commencement of current supply, as required, may be extended by the Board, but the total extension of time shall not exceed twelve months; and provided further that when the completion of the construction or installation or the delivery of current 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 grantees, then such time 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 grantees and provided further that in no case shall such delay be deemed to begin until the grantees shall have given written notice to the Board of any such court proceedings or other occasion of delay and shall have 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 grantees 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.

Tenth—Upon the termination of this original contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, the conduits, poles, towers, fixtures, wires, cables and equipment of the grantees constructed pursuant to this contract 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 grantees shall, upon thirty (30) days' notice from the Board, remove any part or all of such conduits, poles, towers, fixtures, wires, cables and equipments constructed pursuant to this contract and the aqueduct lands shall be restored to a condition satisfactory to the Board of Water Supply at the sole cost and expense of the grantees.

Eleventh—The grantees shall comply with all laws, ordinances or rules of the local authorities having jurisdiction over the construction, maintenance or operation of the transmission line herein authorized.

Twelfth—The position of said transmission line upon said aqueduct lands shall be such as shall coincide with that designated and fixed by the Board of Water Supply. Before any work of construction or installation herein authorized shall be commenced, the grantees shall submit to the Board of Water Supply plans and specifications which shall show and specify in detail the character of the structure or structures proposed by the grantees and the location of the same upon City land. Said plans and specifications must be approved by the Board of Water Supply before such work shall be commenced. The work of construction and installation shall be under the supervision of the Board of Water Supply, and any rules or directions given by said Board shall be complied with by the grantees. If in the opinion of the Board of Water Supply it shall become necessary to change at any time during the term of this contract the location or the character of the construction or installation of said transmission line for the protection of life or property, or if in the opinion of said Board it shall become necessary for the City to use during said term any part or all of the lands upon which the structures herein authorized shall be situated for any of the purposes for which said lands were acquired, then the grantees shall make at their own expense such changes in the character of the construction or installation or changes in the position of such structures on said Aqueduct Lands as directed by the Board of Water Supply.

Thirteenth—All structures and appurtenances erected hereunder shall be kept in good and safe repair and in accordance with the instructions given by the Board of Water Supply.

Fourteenth—In case of any violation or breach or failure to comply with any of the provisions herein contained, this contract may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the grantees, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the ducts, conduits, poles, towers, wires, cables, conductors, fixtures and all structures, constructed or 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 grantees 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 grantees fail to appear, action may be taken by the Board forthwith.

Fifteenth—This grant is upon the express condition that the grantees, 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 twenty-five thousand dollars ($25,000), either in money or securities, to be approved by him, which fund shall be security for the performance by the grantees of all of the terms and conditions of this contract and compliance with all orders of the Board, or the Board of Water Supply, acting under the powers herein reserved, especially those which relate to the furnishing of service herein required for the privilege hereby granted, and the maintenance of the property in good and safe condition throughout the whole term of this contract; and in case of default in the performance by the grantees 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 or Board of Water Supply, acting hereunder, the grantees shall pay a penalty of fifty dollars ($50) per day for each day of violation.

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

The Board, on complaint made, shall give notice to the grantees, directing their Presidents, or any one of them, or other officers 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 grantees should not be penalized in accordance with the foregoing provisions. If the grantees fail to make an appearance, or, after a hearing, appear in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the grantees 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 twenty-five thousand dollars ($25,000), and in default thereof this contract shall be cancelled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Sixteenth—The grantees shall assume all liability to persons or property by reason of the construction or operation of the transmission line and its appurtenances 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 grantees hereby agree to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the grantees. The grantees shall pay all taxes on all property constructed or maintained pursuant to this contract and shall reimburse the City for all taxes upon said property which the City may be required to pay and shall reimburse the City, its officers and agents for any and all costs or expenses whatsoever of every name and nature to which the City may be put by reason of the construction, operation or maintenance of the transmission line and its appurtenances and shall save the City, its officers and agents harmless therefrom.

Seventeenth—If at any time the powers of the Board or of the Board of Water Supply, 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 the Board of Water Supply or other authorities, officer or officers.

SEC. 3. Nothing in this contract contained shall be construed as reviving or validating any lapsed or invalid franchise heretofore granted to any of the grantees herein or to their predecessors, or as enlarging or adding to the powers or privileges contained in said grants of franchises or as waiving any forfeiture thereto.

SEC. 4. Each of the parties of the second part, jointly and severally, 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.

SEC. 5. This contract shall not become operative unless and until the grantees shall procure and cause to be executed an agreement which shall be proved in proper form for record and duly delivered to the Board, by which the Northern Westchester Lighting Company and the Peekskill Lighting and Railroad Company shall agree with each other, with the Westchester Company and with the City to furnish, whenever called upon by either the Westchester Company or the City, such service as may be required by the Westchester Company in order to supply to the City the electrical current necessary to fulfill the terms of this contract, and by which the said Northern Westchester Lighting Company and the said Peekskill Lighting and Railroad Company shall further agree with each other, with the Westchester Company and with the City to permit the Westchester Company to use so much of their facilities as shall be necessary to carry out the provisions of this contract. Upon the failure of either or any of said Companies to furnish such service or to permit the use of said facilities for any reason at any time hereafter, the rights hereby granted shall cease and determine and this contract shall be null and void and of no effect.

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 each of the parties 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 YONKERS ELECTRIC LIGHT AND POWER COMPANY,
By ....., President.
(SEAL.)
Attest: ....., Secretary.

WESTCHESTER LIGHTING COMPANY,
By ....., President.
(SEAL.)
Attest: ....., Secretary.

THE NEW YORK EDISON COMPANY,
By ....., President.
(SEAL.)
Attest: ....., Secretary.

THE UNITED ELECTRIC LIGHT AND POWER COMPANY,
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 provision 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 Yonkers Electric Light and Power Company, Westchester Lighting Company, The New York Edison Company and The United Electric Light and Power Company, 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 Thursday, July 2, 1914, 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 Yonkers Electric Light and Power Company, Westchester Lighting Company, The New York Edison Company and The United Electric Light and Power Company, and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right and before adopting any resolution authorizing 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 Thursday, July 2, 1914, 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 801, 277 Broadway, Borough of Manhattan, shall be published at least twice at the expense of the proposed grantees during the ten (10) days immediately prior to Thursday, July 2, 1914, in the "New York Press" and "The Sun," two daily newspapers in which the petition and notice of hearing thereon have been published.

The agreement required by Section 5 of the contract is as follows:

Proposed Form of Agreement.

AGREEMENT, made this day of 1914, between the NORTHERN WESTCHESTER LIGHTING COMPANY, a corporation having an office and doing business in Westchester County, State of New York, and the PEEKSKILL LIGHTING AND RAILROAD COMPANY, a corporation having an office and doing business in Westchester County, parties of the first part; the WESTCHESTER LIGHTING COMPANY, a corporation having an office and doing business in the City of Yonkers, State of New York, party of the second part, and THE CITY OF NEW YORK, party of the third part;

WITNESSETH:

WHEREAS, On the 28th day of May, 1913, The Yonkers Electric Iight and Power Company, the Westchester Lighting Company, The New York Edison Company and The United Electric Light and Power Company, applied to the Board of Estimate and Apportionment as the local authority of The City of New York for the right to construct, maintain and operate a transmission line along the land of the Catskill Aqueduct in the Counties of New York and Westchester, as more fully appears by said application; and

WHEREAS, The Yonkers Electric Light and Power Company and the Westchester Lighting Company are operating in Westchester County pursuant to franchises theretofore granted to said Companies; and

WHEREAS, Said franchises are limited to the City of Yonkers and certain territory in Westchester County north of said City, not, however, extending to the northerly line of Westchester County; and

WHEREAS, The Northern Westchester Lighting Company and the Peekskill Lighting and Railroad Company did not join in said application for said franchise, although they are operating under franchises granted to them, or their predecessors, in the territory extending northerly from the territory in which the Westchester Lighting Company operates to the northerly line of Westchester County; and

WHEREAS, On , a contract was executed by the Mayor on behalf of The City of New York, party of the first part, and The Yonkers Electric Light and Power Company, the Westchester Lighting Company, The New York Edison Company and The United Electric Light and Power Company, parties of the second part, or grantees thereunder, granting to The Yonkers Electric Light and Power Company the franchise or right to construct, maintain and operate an electrical transmission line along so much of the Catskill Aqueduct Lands as lies within the City of Yonkers, and granting to the Westchester Lighting Company a similar franchise or right upon so much of said lands as lies within the County of Westchester, outside of The City of Yonkers; and

WHEREAS, The Westchester Lighting Company has no rights in some of the territory occupied by the Northern Westchester Lighting Company and the Peekskill Lighting and Railroad Company; and it is necessary for the latter Company to enter into an agreement, whereby said Companies shall agree to furnish, whenever called upon by the Westchester Company or the City, such service or facilities as are necessary to permit the Westchester Lighting Company to fulfill the terms and conditions of said contract; and

WHEREAS, Said contract provides that the grantees shall procure and cause to be executed an agreement, which shall be proved in proper form for record and duly delivered to the Board, by which the parties of the first part shall agree with each other, with the Westchester Lighting Company and with the City to furnish, whenever called upon by either the Westchester Lighting Company or the City, such service as may be required by the Westchester Lighting Company, in order to supply to the City an electrical current necessary to fulfill the terms of said contract, and by which the said parties of the first part shall further agree with each other, with the Westchester Lighting Company and with the City to permit the said Westchester Lighting Company to use so much of their facilities as shall be necessary for said Company to carry out the provisions of said contract.

NOW, THEREFORE, In consideration of the premises and of the sum of one dollar by each of the parties of the first and second parts to the other paid, the receipt whereof is hereby acknowledged, the parties of the first part do hereby covenant and agree with each other, with the Westchester Lighting Company and with the City to furnish, whenever called upon by either the Westchester Lighting Company or the City, such service as may be required by said Westchester Lighting Company in order to supply to the City the electrical current necessary to fulfill the terms of said contract, without expense to the City, and said parties of the first part further agree with each other, with the Westchester Lighting Company and with the City to permit the Westchester Lighting Company to use so much of their facilities as shall be necessary for said Company to carry out the provisions of said contract.

IN WITNESS WHEREOF, The Northern Westchester Lighting Company and the Peekskill Lighting and Railroad Company and the Westchester Lighting Company, affiliated companies, by their officers thereunto duly authorized, have caused their corporate names to be hereunto signed and their corporate seals to be hereunto affixed the day and year first above written.

NORTHERN WESTCHESTER LIGHTING COMPANY,
By
[SEAL.]
Attest:
Secretary.

PEEKSKILL LIGHTING AND RAILROAD COMPANY,
By
[SEAL.]
Attest:
Secretary.

WESTCHESTER LIGHTING COMPANY,
By
[SEAL.]
Attest:
Secretary.

(Here add acknowledgments.)

Dated New York, June 5, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,jy1

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 close and discontinue Prospect Park West, from 20th Street to 21st Street; Tenth Avenue, from Gravesend Avenue to the Old Town Line; 21st Street, from 7th Avenue to Gravesend Avenue; 22nd Street, from 7th Avenue to the Old Town Line; and 23rd Street, from 7th Avenue to the Old Town Line, 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 June 26, 1914, 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 5, 1914, 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 closing and discontinuing Prospect Park West, from 20th Street to 21st Street; Tenth Avenue, from Gravesend Avenue to the Old Town Line; 21st Street, from 7th Avenue to Gravesend Avenue; 22nd Street, from 7th Avenue to the old Town Line; and 23rd Street, from 7th Avenue to the old Town Line, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated June 26, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

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 grades of the Interborough Parkway, from the present easterly terminus of Highland Boulevard, in the Borough of Brooklyn, to the westerly boundary line of Forest Park, in the 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 June 26, 1914, 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 5, 1914, 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 grades of the Interborough Parkway, from the present easterly terminus of Highland Boulevard, in the Borough of Brooklyn, to the westerly boundary line of Forest Park, in the Borough of Queens, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough of Queens, and dated November 1, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

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 decrease the width of Digney Avenue, from East 233rd Street to East 237th Street, from 60 feet to 50 feet, by taking 10 feet from the westerly side, 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 June 26, 1914, 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 5, 1914, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City ow 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 decreasing the width of Digney Avenue, from East 233rd Street to East 237th Street, from 60 feet to 50 feet, by taking 10 feet from the westerly side in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated April 28, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on June 5, 1914, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Digney Avenue at a width of 50 feet, from East 233rd Street to East 237th Street, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, as amended, hereby gives notice that the following is the proposed area of assessment for benefit in these proceedings:

Beginning at a point on the northwesterly line of Barnes avenue where it is intersected by the prolongation of a line midway between Digney avenue and Boyd avenue, and running thence southwardly along the said line midway between Digney avenue and Boyd avenue and along the prolongations of the said line to the intersection with the northeasterly line of East 233rd street; thence southwestwardly at right angles to East 233rd street to the intersection with a line midway between East 232nd street and East 233rd street; thence northwestwardly along the said line midway between East 232nd street and East 233rd street to the intersection with the prolongation of a line distant 150 feet westerly from and parallel with the easterly line of Digney avenue, as this street is laid out between East 233rd street and Bussing avenue, the said distance being measured at right angles to Digney avenue; thence northwardly along the said line parallel with Digney avenue and along the prolongations of the said line to the intersection with a line at right angles to West 237th street and passing through a point on its northeasterly side distant 150 feet northwesterly from its intersection with the northwesterly line of Barnes avenue; thence northeastwardly along the said line at right angles to East 237th street to the intersection with a line at right angles to Barnes avenue and passing through the point of beginning; thence southeastwardly along the said line at right angles to Barnes avenue to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24.

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on June 5, 1914, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Archer Street, from Van Wyck Avenue to Ezra Street (Division Street), in the Borough of Queens, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, as amended, hereby gives notice that the following is the proposed area of assessment for benefit in these proceedings:

Bounded on the north by the southerly line of Archer street; on the east by the westerly line of Ezra street, and by the prolongation of the said line; on the south by a line always distant 100 feet southerly from and parallel with the southerly line of Archer street, the said distance being measured at right angles to Archer street; and on the west by the easterly line of Van Wyck avenue; excepting such land as is not in railroad ownership.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grades of East 14th Street from Avenue L to Avenue O, and of Avenue M, from East 13th Street to East 15th Street, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on June 26, 1914, 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 28, 1914, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of Section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grades of East 14th Street, from Avenue L to Avenue O, and of Avenue M from East 13th Street to East 15th Street, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated April 27, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 pulished in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,25

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 street system heretofore laid out, and lay out new streets within the territory bounded by Jamaica Bay, the prolongation of Atkins Avenue, Atkins Avenue, Cozine Avenue, Grant Avenue, Stanley Avenue and the Borough Line, 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 June 26, 1914, 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 28, 1914, 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 street system heretofore laid out, and laying out new streets within the territory bounded by Jamaica Bay, the prolongation of Atkins Avenue, Atkins Avenue, Cozine Avenue, Grant Avenue, Stanley Avenue and the Borough Line, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated April 30, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 pulished in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grades of the street system within the territory bounded by Westchester Creek, Watson Avenue, Zerega Avenue, Westchester Avenue and Fort Schuyler Road, 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 June 26, 1914, 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 28, 1914, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of Section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grades of the street system within the territory bounded by Westchester Creek, Watson Avenue, Zerega Avenue, Westchester Avenue and Fort Schuyler Road, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated July 10, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to widen Whitlock Avenue on the easterly side opposite Aldus 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 June 26, 1914, at 10.30 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 28, 1914, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of Section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by widening Whitlock Avenue on the easterly side opposite Aldus Street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated August 26, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines of Richard Avenue (decreasing the width from 60 feet to 59 feet) between Edsall Avenue and Central 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

June 26, 1914, 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 28, 1914, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of Section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines of Richard Avenue (decreasing the width from 60 feet to 59 feet) between Edsall Avenue and Central Avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated January 26, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

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 Remsen Street, Tisdale Street, Stevens Street, Franklin Street, Remsen Street, Trowbridge Street, Willow Street, Franklin Street and Main 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 June 26, 1914, 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 28, 1914, 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 Remsen Street, Tisdale Street, Stevens Street, Franklin Street, Remsen Street, Trowbridge Street, Willow Street, Franklin Street and Main Street, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated January 9, 1914.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

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 North William Street, Willow Street, North Washington Place and Van Alst Avenue, and change the grade of Trowbridge Street between Woolsey Street and Willow 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 June 26, 1914, 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 28, 1914, 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 North William Street, Willow Street, North Washington Place and Van Alst Avenue; and changing the grade of Trowbridge Street between Woolsey Street and Willow Street, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated May 29, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

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 Furman Avenue, Frederick Street, Creek Street and Flushing 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 June 26, 1914, 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 28, 1914, 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 Furman Avenue, Frederick Street, Creek Street and Flushing Avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated May 31, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 26th day of June, 1914, 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 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 28, 1914, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding authorized by said Board on May 8, 1908, for acquiring title to Fanchon Place, from Jamaica Avenue to Highland Boulevard, Borough of Brooklyn, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment May 1, 1914, and approved by the Mayor May 19, 1914, on which the street width of said Fanchon Place, between Bushwick Avenue and Jamaica Avenue, was decreased about one foot; the amendment now proposed providing for the acquisition of title to Fanchon Place, from Jamaica Avenue to Highland Boulevard, as 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 following is the proposed district of assessment for benefit in this proposed amended proceeding:

Beginning at a point on the northwesterly line of Jamaica avenue where it is intersected by the prolongation of a line midway between Gillen place and Fanchon place, as these streets are laid out between Highland boulevard and Bushwick avenue, and running thence northwardly along the said line midway between Gillen place and Fanchon place and along the prolongations of the said line to a point distant 100 feet northerly from the northerly line of Highland boulevard, the said distance being measured at right angles to Highland boulevard; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Highland boulevard to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Fanchon place, the said distance being measured at right angles to Fanchon place; thence southwardly along the said line parallel with Fanchon place and along the prolongation of the said line to the intersection with the northwesterly line of Jamaica avenue; thence southeastwardly at right angles to Jamaica avenue to a point distant 100 feet southeasterly from its southeasterly side; thence southwestwardly and parallel with Jamaica avenue to the intersection with a line at right angles to Jamaica avenue and passing through the point of beginning; thence northwestwardly along the said line at right angles to Jamaica avenue to the point or place of beginning.

Resolved, That this Board consider the proposed district of assessment at a meeting of the Board to be held in the City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10:30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and in the Corporation Newspapers for ten days prior to the 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 28, 1914, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding authorized by said Board on February 26, 1909, for acquiring 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 the Bulkhead Line of Westchester Creek; Hermany Avenue, from White Plains Road to the Bulkhead Line of Westchester Creek; and Turnbull Avenue, from White Plains Road to the Bulkhead Line of Westchester Creek, Borough of The Bronx, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment May 15, 1914, in which Story Avenue, Hermany Avenue and Turnbull Avenue are discontinued in the block between Zerega Avenue and Westchester Creek; the amendment now proposed 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.

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 following is the proposed district of assessment for benefit in this proposed amended proceeding:

Beginning at the point on the westerly Bulkhead Line of Westchester Creek where it is intersected by a line midway between Ludlow Avenue and Houghton Avenue, and running thence southwardly along the said Bulkhead Line of Westchester Creek to the intersection with the prolongation of a line midway between Turnbull Avenue and Lafayette Avenue as these streets are laid out westerly from Zerega Avenue; thence westwardly along the said line midway between Turnbull Avenue and Lafayette Avenue, and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of White Plains Road, the said distance being measured at right angles to the line of White Plains Road; thence northwardly and always 100 feet westerly from and parallel with the westerly line of White Plains Road to the intersection with the prolongation of a line midway between Houghton Avenue and Quimby Avenue; thence westwardly along the prolongation of the said line midway between Houghton Avenue and Quimby Avenue to the intersection with a line midway between Bolton Avenue and Underhill Avenue; thence northwardly along the said line midway between Bolton Avenue and Underhill Avenue to the intersection with the prolongation of a line midway between Ludlow Avenue and Houghton Avenue as these streets are laid out at White Plains Road; thence eastwardly along a line always midway between Ludlow Avenue and Houghton Avenue, and along the prolongations of the said line to the point or place of beginning.

Resolved, That this Board consider the proposed change at a meeting of the Board to be held in the City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10:30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 28, 1914, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding authorized by said Board on September 25, 1913, for acquiring title to Mead Street, from Garfield Street to Unionport Road, Borough of The Bronx, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment May 15, 1914, on which the width of said Mead Street is reduced from 60 feet to 50 feet; the amendment now proposed providing for the acquisition of title to Mead Street, from Garfield Street to Unionport Road, as said Mead 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 following is the proposed district of assessment for benefit in this proposed amended proceeding:

Bounded on the north by a line midway between Van Nest Avenue and Mead Street and by the prolongations of the said line; on the east by the centre line of White Plains Road; on the south by a line midway between Baker Avenue and Mead Street, and by the prolongations of the said line, and on the west by a line midway between Garfield Street and Taylor Street.

Resolved, That this Board consider the proposed district of assessment at a meeting of the Board to be held in the City of New York, Borough of Manhattan, in the City Hall, on the 26th day of June, 1914, at 10:30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 26th day of June, 1914.

Dated June 13, 1914.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j13,24

BOARD MEETINGS.

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

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

Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Friday, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesday, at 11 a. m., at call of the Mayor.

JOHN KORB, JR., Secretary.

Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Thursday, at 10.30 a. m., upon notice of the Chief Clerk. JOHN KORB, JR., Chief Clerk.

Board of City Record.

The Board of City Record meets in the City Hall at call of the Mayor.

DAVID FERGUSON, Supervisor, Secretary.

DEPARTMENT OF PARKS.

Proposals.

OFFICE OF THE DEPARTMENT OF PARKS, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, JUNE 18, 1914.
Borough of The Bronx.

FOR FURNISHING AND DELIVERING 1,200 CU. YDS. BROKEN STONE (NO. 2—1914) FOR PARKS, BOROUGH OF THE BRONX.

The time allowed for the completion of the contract is Forty (40) calendar days.

The amount of security required is thirty (30) per cent. of the total amount for which the contract is awarded.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and other information may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx.

CABOT WARD, President; THOS. W. WHITTLE, RAYMOND V. INGERSOLL, JOHN E. WEIER, Park Commissioners. j6,18

☞**See General Instructions to Bidders on last page, last column, of the "City Record."**

OFFICE OF THE DEPARTMENT OF PARKS, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, JUNE 18, 1914.
Borough of The Bronx.

FOR FURNISHING AND DELIVERING 800 CU. YDS. GRITS NO. 2, 1914, FOR PARKS, BOROUGH OF THE BRONX.

The time allowed for the completion of the contract is Thirty (30) calendar days.

The amount of security required is thirty (30) per cent. of the total amount for which the contract is awarded.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and other information may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx.

CABOT WARD, President; THOS. W. WHITTLE, RAYMOND V. INGERSOLL, JOHN E. WEIER, Park Commissioners. j6,18

☞**See General Instructions to Bidders on last page, last column, of the "City Record."**

BOROUGH OF BROOKLYN.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m., on

WEDNESDAY, JUNE 24, 1914.

FOR THE INSTALLATION OF ELECTRIC WIRING, FIXTURES AND GAS WORK IN THE OFFICES OF THE BUREAU OF BUILDINGS AND THIRD FLOOR, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for doing and completing the work and full performance of the contract will be ninety (90) consecutive working days.

The amount of security required will be Fifteen Hundred Dollars ($1,500).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Public Buildings and Offices, the Borough of Brooklyn, No. 29 Municipal Building, Brooklyn.

L. H. POUNDS, President.
j12,24

☞**See General Instructions to Bidders on last page, last column, of the "City Record."**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at the above office until 11 o'clock A. M., on

WEDNESDAY, JUNE 24, 1914.

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN LINCOLN PLACE (DEGRAW STREET) BETWEEN UNDERHILL AND WASHINGTON AVENUES.

The Engineer's preliminary estimate of the quantities is as follows:

40 linear feet of 15 inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.10	$124.00
1,225 linear feet of 12 inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.00	2,450.00
1,150 linear feet of 6 inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.95	1,092.50
11 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50.00	550.00
Two (2) sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $150.00	300.00
3,000 feet, Board Measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, Board Measure, $18.00	54.00
Total	$4,570.50

The time allowed for the completion of the work and full performance of the contract will be Forty-five (45) working days.

The amount of security required will be Two Thousand Three Hundred Dollars ($2,300.00).

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN 71ST STREET, FROM ITS PRESENT TERMINUS AT OR ABOUT THE SHORE LINE—WESTERLY—INTO NEW YORK BAY ABOUT 230 FEET.

The Engineer's preliminary estimate of the quantities is as follows:

196 linear feet of 48 inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $10.00	$1,960.00
10,000 feet, board measure, of foundation planking and pile capping, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $30.00	300.00
Total	$2,260.00

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.

The amount of security required will be One thousand one hundred ($1,100) Dollars.

NO. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER BASIN AT THE SOUTHWEST CORNER OF 18TH AVENUE AND 3RD STREET.

The Engineer's preliminary estimate of the quantities is as follows:

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin, $150.00	$150.00

The time allowed for the completion of the work and full performance of the contract will be Twelve (12) working days.

The amount of security required will be Seventy-five Dollars ($75.00).

NO. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER BASIN AT THE SOUTHEAST CORNER OF CATON AVENUE AND EAST 18TH STREET.

The Engineer's preliminary estimate of the quantities is as follows:

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin, $150.00	$150.00

The time allowed for the completion of the work and full performance of the contract will be Twelve (12) working days.

The amount of security required will be Seventy-five Dollars ($75.00).

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 this contract shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawing may be seen at the office of the Bureau of Sewers, 215 Montague st., Borough of Brooklyn

L. H. POUNDS, President.
j12,24

☞**See General Instructions to Bidders on last page, last column, of the "City Record."**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM No. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES will be received by the President, Borough of Brooklyn, at the above office until 11 o'clock A. M., on

WEDNESDAY, JUNE 17, 1914.

No. 1. FOR REGULATING AND REPAVING WITH SPECIAL GRANITE PAVEMENT THE ROADWAY OF COOK ST., FROM BROADWAY TO HUMBOLDT ST.

The Engineer's estimate is as follows:

10 linear feet old curbstone reset in concrete.

300 linear feet new curbstone set in concrete.

155 linear feet granite heading stones set in concrete.

75 cubic yards concrete.

3,330 square yards special granite pavement (blocks to be 6 to 7 inches in depth), with joint filler of coal tar pitch and gravel (1 year maintenance).

20 square yards adjacent pavement (to be relaid).

1 new cover and head for sewer manhole.

Time allowed thirty (30) working days. Security required, three thousand eight hundred dollars ($3,800).

No. 2. FOR REGULATING AND REPAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF GEORGIA AVE., FROM JAMAICA ACE. TO ATLANTIC AVE.

The Engineer's estimate is as follows:

50 linear feet old curbstone reset in concrete.

980 linear feet new curbstone set in concrete.

155 cubic yards concrete outside railroad area.

40 cubic yards concrete within railroad area.

925 square yards asphalt pavement outside railroad area (5 years maintenance).

230 square yards asphalt pavement within railroad area (no maintenance).

Time allowed, thirty (30) working days. Security required, twelve hundred dollars ($1,200).

No. 3. FOR REGULATING AND REPAVING WITH ASPHALT PAVEMENT THE ROADWAY OF GREENE AVE., FROM CLINTON AVE. TO WASHINGTON AVE.

The Engineer's estimate is as follows:

1,125 square yards present asphalt pavement outside railroad area, to be removed.

250 square yards present asphalt pavement, within railroad area, to be removed.

20 square yards present concrete foundation outside railroad area, to be removed.

1,725 cubic feet binder, outside railroad area (measured in trucks at the plant).

250 cubic feet binder, within railroad area (measured in trucks at the plant).

60 cubic yards concrete outside railroad area.

50 cubic yards concrete within railroad area.

1,125 square yards asphalt wearing surface outside railroad area (5 years maintenance).

250 square yards asphalt wearing surface within railroad area (no maintenance).

10 square yards adjacent pavement (to be relaid).

Time allowed thirty (30) working days. Security required, nine hundred dollars ($900).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, cubic yard or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the Office of the Bureau of Highways, the Borough of Brooklyn, No. 12 Municipal Building, Brooklyn.

L. H. POUNDS, President.

Dated June 1, 1914. j5,17

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES.

Proposals.

DEPARTMENT OF BRIDGES, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, JUNE 25, 1914.

FOR THE CONSTRUCTION OF THE TEMPORARY UNIONPORT BRIDGE OVER WESTCHESTER CREEK.

After the certification of the contract by the Comptroller of The City of New York the Contractor will be required to begin work within five days of the date of a written notice from the Commissioner to proceed, and the Contractor will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications on or before the expiration of Ninety (90) Consecutive Working Days.

In case the Contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of Thirty Dollars ($30) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of the security to guarantee the faithful performance of the work will be Five Thousand Dollars ($5,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

F. J. H. KRACKE, Commissioner.

Dated June 10th, 1914. j13,25

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock P. M., on

THURSDAY, JUNE 18, 1914.

FOR CONVERTING A STEAM-DRIVEN AIR COMPRESSOR INTO AN ELECTRICALLY-DRIVEN AIR COMPRESSOR AT THE BROOKLYN BRIDGE, IN THE BOROUGH OF BROOKLYN.

The Contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the specifications on or before the expiration of four calendar months.

In case the Contractor shall fail to complete the work within the time aforesaid he shall pay to the City of New York the sum of Ten Dollars ($10) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be One Thousand Two Hundred Dollars ($1,200).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

F. J. H. KRACKE, Commissioner.

Dated June 4th, 1914. j6,18

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOROUGH OF THE BRONX.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 10.30 a. m., on

THURSDAY, JUNE 25, 1914.

No. 1. FOR REPAIRING SHEET ASPHALT PAVEMENT IN THE BOROUGH OF THE BRONX AND RESETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

7,400 Sq. Yds. Completed Sheet Asphalt Pavement (Medium Traffic Mixture), including binder course and keeping the pavement in repair during the year 1914.

1,650 Sq. Yds. Sheet Asphalt Pavement (Medium Traffic Mixture), including binder course and concrete foundation, and keeping the pavement in repair during the year 1914.

250 Lin. Ft. Old curb reset in concrete, including concrete foundation.

The above quantities shall not be exceeded. No compensation shall be made for a greater amount.

The time allowed for the full completion of the work herein described will be on or before December 31, 1914.

The amount of security required will be Seven Thousand Dollars ($7,000).

Blank forms can be obtained upon application therefor, the specifications may be seen and other information obtained at said office.

DOUGLAS MATHEWSON, President.

j15,25

☞See General Instructions to Bidders on last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 10.30 a. m., on

WEDNESDAY, JUNE 17, 1914.

NO. 1. FOR REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF MORRIS AVENUE, FROM EAST 144TH STREET TO EAST 155TH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

6,930 Sq. Yds. Sheet Asphalt Pavement (Heavy Traffic Mixture), outside of Railroad Area, and keeping the pavement in repair for FIVE YEARS from date of acceptance.

1,065 Sq. Yds. Sheet Asphalt Pavement (Heavy Traffic Mixture), in Railroad Area.

1,425 Cu. Yds. Class B Concrete.

900 Lin. Ft. New Curb.

1,000 Lin. Ft. Old Curb.

The time allowed for the completion of the work will be 60 consecutive working days.

The amount of security required will be Eight thousand one hundred ($8,100) Dollars.

NO. 2. FOR REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SOUTHERN BOULEVARD, FROM WESTCHESTER AVENUE TO BOSTON ROAD, AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

22,280 Sq. Yds. Sheet Asphalt Pavement (Heavy Traffic Mixture), outside of Railroad Area, and keeping the pavement in repair for five years from date of acceptance.

2,120 Sq. Yds. Sheet Asphalt Pavement (Heavy Traffic Mixture), in Railroad Area.

4,190 Cu. Yds. Class B Concrete.

500 Lin. Ft. New Curb.

2,000 Lin. Ft. Old Curb.

The time allowed for the completion of the work will be 80 consecutive working days.

The amount of security required will be Twenty-four thousand ($24,000) Dollars.

NO. 3. FOR REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF EAST 149TH STREET, FROM TRINITY AVENUE TO SOUTHERN BOULEVARD, AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

7,795 Sq. Yds. Sheet Asphalt Pavement (Heavy Traffic Mixture), outside of Railroad Area, and keeping the pavement in repair for five years from date of acceptance.

770 Sq. Yds. Sheet Asphalt Pavement (Heavy Traffic Mixture), in Railroad Area.

100 Cu. Yds. Class B Concrete.

200 Lin. Ft. New Curb.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be Five thousand five hundred ($5,500) Dollars.

NO. 4. FOR PAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF CONCORD AVENUE, FROM E. 142D STREET TO EAST 149TH STREET, AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO. (PERMANENT PAVEMENT.)

The Engineer's estimate of the work is as follows:

6,780 Sq. Yds. Sheet Asphalt Pavement (Medium Traffic Mixture), and keeping the pavement in repair for five years from date of acceptance.

1,360 Cu. Yds. Class B Concrete.

600 Lin. Ft. New Curb.

3,260 Lin. Ft. Old Curb.

The time allowed for the completion of the work will be 40 consecutive working days.

The amount of security required will be Seven thousand five hundred ($7,500) Dollars.

No. 5. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN UNIONPORT ROAD, BETWEEN VAN NEST AVENUE AND MORRIS PARK AVENUE; WHITE PLAINS ROAD, BETWEEN THE END OF THE EXISTING SEWER NORTH OF BAKER AVENUE AND THE PROPERTY OF THE N. Y., N. H. & H. R. R. CO., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

886 Lin. Ft. Vitrified Pipe Sewer, 12 inch.

25 Lin. Ft. Vitrified Pipe Drains, 12 inch to 24 inch.

102 Spurs for House Connections.

11 Manholes.

160 Cu. Yds. Rock Excavation.

45 Cu. Yds. Concrete, Class C.

6,000 Feet (B. M.) of Timber Sheeting.

The time allowed for the completion of the work will be 90 consecutive working days.

The amount of security required will be Two thousand two hundred ($2,200) Dollars.

NO. 6. FOR CONSTRUCTING SEWER AND APPURTENANCES IN McGRAW AVENUE, BETWEEN WHITE PLAINS ROAD AND GRAY STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

200 Lin. Ft. Vitrified Pipe Sewer, 12 inch.

25 Lin. Ft. Vitrified Pipe Drains, 12 inch to 24 inch.

28 Spurs for House Connections.

2 Manholes.

10 Cu. Yds. Rock Excavation.

12 Cu. Yds. Concrete, Class C.

1,000 Feet (B. M.) Timber Sheeting.

The time allowed for the completion of the work will be 40 consecutive working days.

The amount of security required will be Four hundred and fifty ($450) Dollars.

NO. 7. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN SPUYTEN DUYVIL ROAD, BETWEEN WEST 230TH STREET AND WEST 240TH STREET; WEST 240TH STREET, BETWEEN SPUYTEN DUYVIL ROAD AND THE EASTERLY SIDE OF BROADWAY AT VAN CORTLANDT PARK, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

545 Lin. Ft. Concrete Sewer, 7′ 9″ x 7′ 0″.

518 Lin. Ft. Concrete Sewer, 54″ x 68″.

646 Lin Ft. Concrete Sewer, 52″ x 65″.

760 Lin. Ft. Concrete Sewer, 50″ x 62″.

608 Lin. Ft. Concrete Sewer, 42″ x 56″.

242 Lin. Ft. Concrete Sewer, 40″ x 53″.

830 Lin. Ft. Concrete Sewer, 38″ x 50″.

5 Lin. Ft Concrete Sewer, 4′ 0″ Dia

18 Lin. Ft. Vitrified Pipe Sewer, 24 inch.

36 Lin. Ft. Vitrified Pipe Sewer, 20 inch.

3 Lin. Ft. Vitrified Pipe Sewer, 18 inch.

6 Lin. Ft. Vitrified Pipe Sewer, 12 inch.

200 Lin. Ft. Vitrified Pipe Drains, 12″ to 24″.

330 Spurs for House Connections.

1,150 Lin. Ft. Risers.

26 Manholes

4,600 Cu. Yds. Rock Excavation.

1,300 Cu. Yds. Concrete, Class B.

5 Cu. Yds. Concrete, Class C.

100 Cu. Yds. Stone Ballast.

21,000 Lbs. Steel Reinforcement Bars.

12,000 Feet (B. M.) Timber.

10,000 Feet Timber Sheeting.

26,000 Lin. Ft. Piles.

1 Inverted Siphon.

The time allowed for the completion of the work will be 300 consecutive working days.

The amount of security required will be Forty thousand ($40,000) Dollars.

Blank forms can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office.

DOUGLAS MATHEWSON, President.

j6,17

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOROUGH OF RICHMOND.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, N. Y. CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond at the above office until 12 o'clock M., on

TUESDAY, JUNE 23, 1914.

Borough of Richmond.

No. 1. FOR REGULATING AND REPAVING WITH WOOD BLOCK PAVEMENT ON PRESENT CONCRETE FOUNDATION THE WINGS OF BROOK STREET, FROM RICHMOND TURNPIKE TO JERSEY STREET; RICHMOND TERRACE, SOUTH WING, FROM VAN STREET TO BODINE STREET, AND THE WINGS OF VAN DUZER STREET, FROM WRIGHT STREET TO SWAN STREET, AND FROM HANNAH STREET TO RICHMOND TURNPIKE, AND WITH NAPPED GRANITE BLOCK ON CONCRETE FOUNDATION FROM SWAN STREET TO HANNAH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required is as follows:

8,230 square yards of wood block pavement, including mortar bed, with five (5) years maintenance.

2,670 square yards of wood block pavement, including mortar bed, for the maintenance of which the railroad company is responsible.

250 square yards of napped granite block pavement, including sand bed and laid with cement grout joints, with five (5) years maintenance.

100 square yards of napped granite pavement, including sand bed and laid with cement grout joints, for the maintenance of which the railroad company is responsible.

70 cubic yards of concrete foundation.

10 cubic yards of concrete foundation, for the maintenance of which the railroad company is responsible.

25 linear feet of new 5-inch by 20-inch bluestone curbstone, furnished and set.

400 linear feet of old 5-inch by 20-inch bluestone curbstone, redressed, rejointed and reset.

25 linear feet of old 5-inch by 16-inch bluestone curbstone, redressed, rejointed and reset.

The time for the completion of the work and the full performance of the contract is fifty (50) days.

The amount of security required is Nine Thousand Dollars ($9,000).

No. 2. FOR REGULATING AND REPAVING WITH VITRIFIED BRICK PAVEMENT ON A CONCRETE FOUNDATION THE GUTTERS OF YORK AVENUE, FROM THIRD STREET TO BRIGHTON AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required is as follows:

1,950 square yards of vitrified brick pavement, including sand bed and laid with cement grout joints, with one (1) year maintenance.

510 cubic yards of concrete foundation.

880 linear feet of new 4-inch by 16-inch bluestone curbstone, furnished and set.

3,530 linear feet of old bluestone curbstone, redressed, rejointed and reset.

100 linear feet of roof leader outlets relaid.

1,600 square feet of old sidewalks relaid.

The time for the completion of the work and the full performance of the contract is forty (40) days.

The amount of security required is Three Thousand Dollars ($3,000).

No. 3. FOR CONSTRUCTING CONCRETE SIDEWALK ON ST. MARYS AVENUE, BETWEEN CHARLES STREET AND REYNOLDS STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required is as follows:

3,184 square feet of concrete sidewalk to furnish and lay.

The time for the completion of the work and the full performance of the contract is twenty (20) days.

The amount of security required is Two Hundred and Thirty Dollars ($230).

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

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 Assistant Commissioner. The plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained at the office of the Assistant Commissioner of the Borough of Richmond, Borough Hall, St. George, S. I.

CHARLES J. McCORMACK, President.

j12,23

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOARD OF WATER SUPPLY.

Proposals.

SEALED BIDS WILL BE RECEIVED BY the Board of Water Supply, at its offices, twenty-second floor, Municipal Building, Park Row, Centre and Chambers Streets, New York City, until 11 A. M. on

TUESDAY, JUNE 23, 1914.

for

CONTRACT 76.

FOR THE CONSTRUCTION OF ASHOKAN BRIDGE, A REINFORCED CONCRETE STRUCTURE, FORMING PART OF THE HIGHWAY SYSTEM AROUND ASHOKAN RESERVOIR, AND CONSISTING OF 15 ARCHES, EACH HAVING A SPAN OF 67 FEET 6 INCHES AND A RISE OF 11 FEET 4 INCHES.

The bridge will be about 1,120 feet long, and will have a roadway 22 feet wide.

The foundations, abutments and lower portions of the piers are not included in this contract.

There will be about 6,400 feet of 3 duct to 12 duct electric conduit.

The work is located near Ashokan, in the Town of Olive, Ulster county, New York, about 14 miles west of the City of Kingston.

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.

Two or more bonds, the aggregate amount of which shall be seventy thousand dollars ($70,000), 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 three thousand dollars ($3,000).

Time allowed for the completion of the work is until November 1, 1915.

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 of the Board of Water Supply.

W. BRUCE COBB, Secretary.

m28 to j2,j5 to 23

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.

BOARD OF ASSESSORS.

Notice to Present Claims for Damages.

PUBLIC NOTICE IS HEREBY GIVEN TO all persons claiming to have been injured by a change of grade in the regulating and grading of the following named streets to present their claims, in writing, to the Secretary of the Board of Assessors, Room 809, Municipal Building, on or before June 18, 1914, at 10 o'clock 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 Manhattan,

4137. Hillside Avenue from Broadway to Nagle Avenue.

Borough of Queens.

4146. Fairview Avenue from Woodbine Street to Gates Avenue, Second Ward.

4147. Fresh Pond Road from Myrtle Avenue to Woodbine Street, Second Ward.

4148. Hancock Street from Cypress Avenue to Wyckoff Avenue, Second Ward.

4149. Napier Avenue from Atlantic Avenue to Jamaica Avenue, Fourth Ward.

4150. Polk Avenue (Newtown and Flushing Turnpike) from Alburtus (Sycamore) Avenue to Junction Avenue, Second Ward.

4151. Union Place from Jamaica Avenue to Tulip Street and Jamaica Avenue from the Long Island Railroad to Freedom Avenue (Union Place), Fourth Ward.

ALFRED P. W. SEAMAN, WM. C. ORMOND, JACOB J. LESSER, Board of Assessors.

ST. GEORGE B. TUCKER, Secretary, Room 809, Municipal Building, City of New York, Borough of Manhattan.

June 6, 1914. j6,17

Completion of Assessments.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of The Bronx,

3981. Paving, curbing, etc., Cedar Avenue, from Sedgwick Avenue to West 179th Street, and West 177th street, from Cedar avenue to the N. Y. & P. R. R. Affecting Block Nos. 2881 to 2883, 2885, 2886, 3230, 3231 and 3241.

4012. Sewers and appurtenances in Lafayette Avenue, between Longwood Avenue and Tiffany Street. Affecting Block Nos. 2731, 2737 and 2739.

4054. Regulating, grading, curbing, flagging, etc., Boston Road, between White Plains Road and the north line of the City, together with a list of awards for damages caused by a change of grade. Affecting Block Nos. 4342 to 4344, 4346, 4347, 4426, 4430 to 4436, 4439 to 4441, 4445, 4512 to 4518, 4552 to 4557, 4576 to 4580, 4612 to 4617, 4705 to 4709, 4712, 4713, 4720 to 4724, 4728 to 4730, 4732 to 4738, 4743 to 4745, 4883 to 4896, 4921 to 4924, 4941 to 4944, 4949, 4952, 4953, 4974, 5257 to 5260, 5263, 5267 to 5269, 5273 to 5275, 5280 to 5283, 5286 to 5288, 5653 and 5655.

4109. Regulating, grading, curbing, flagging, etc., West 172nd Street, between Aqueduct and Jessup Avenues.

Borough of Queens.

3796. Regulating and grading Harman Street, between Grandview and Forest Avenues, and

Himrod Street, between Grandview and Metropolitan Avenues, Second Ward.

The area of assessment in the above mentioned lists extends to within half the block at the intersecting and terminating streets and avenues.

3321 Sewer and appurtenances in Gates Avenue, from Seneca (Covert) Avenue to Fairview Avenue, Second Ward. Affecting Block Nos. 45, 46, 53, 59 to 62, 102, 103 and 109.

4065 Sewers and appurtenances in Chichester Avenue, between Greenwood and Lefferts Avenues; Cedar Avenue, from Chichester Avenue to crown about 215 feet south of Atlantic Avenue; Hamilton Avenue, Walnut Street, Briggs Avenue and Church Street, between Chichester and Atlantic Avenues, Fourth Ward. Affecting Block Nos. 463 to 475, 477, 478, 480 and 481.

Borough of Brooklyn.

4056 Paving Flatbush Avenue, as extended, from Fulton Street to Concord Street. Affecting Block Nos. 107, 108, 118 to 122, 131 to 135, 143, 148, 157 to 162, 165 to 168, 173, 174, 179, 180, 185, 186, 192, 926 to 928, 1118, 2001, 2047 to 2052, 2058 to 2066, 2069, 2070, 2076 to 2088, 2093 to 2096, 2106 to 2108, 2110 and 2111.

4081. Sewers in Shore Road, between Second Avenue and 95th Street, and in 95th Street, between Shore Road and Marine Avenue. Affecting Block Nos. 6115 and 6120.

4087. Sewer in Avenue D, between Brooklyn Avenue and East 37th Street. Affecting Block Nos. 4953 and 4970.

4090. Receiving basins on Chester Street, at the northwest corners of Dumont, Livonia and Riverdale Avenues. Affecting Block Nos. 3559, 3574 and 3588.

4092. Sewer in East 23rd Street, between Clarendon Road and Avenue D. Affecting Block Nos. 5187 to 5189.

4094. Sewers in 18th Avenue, between 60th and 61st Streets, and between 62nd and 63rd Streets, and in 61st Street, between 17th and 18th Avenues. Affecting Block Nos. 5518, 5519, 5525, 5526, 5532, 5533 and 5539.

4095. Receiving basins on 18th Avenue at the north corner of 80th Street, and on the west side of 18th Avenue, opposite 82nd Street. Affecting Block Nos. 6272 and 6314.

4098. Sewer in Pine Street, between Atlantic Avenue and Fulton Street. Affecting Block Nos. 4145 and 4146.

4101. Sewer in Snediker Avenue, between Newport Street and New Lots Road. Affecting Block Nos. 3850 and 3851.

4103. Sewer in 61st Street, between 15th and 16th Avenues. Affecting Block Nos. 5516 and 5523.

4104. Receiving basin on 66th Street, at the northerly corner of Bay Parkway. Affecting Block No. 5557.

4105. Sewer in 70th Street, from the end of the existing sewer about 159 feet east of 17th Avenue to 18th Avenue. Affecting Block Nos. 6160 and 6171.

4106 Sewer in 77th Street, between 17th and 18th Avenues, and a receiving basin at the easterly corner of 77th Street and 18th Avenue. Affecting Block Nos. 6237, 6238 and 6248.

4107. Receiving basins on Union Place, at the northeast corner of Railroad Avenue and at the northwest corner of Nichols Avenue. Affecting Block No. 4121.

4108. Sewers in Gravesend Avenue, east side, between Vanderbilt Street and Fort Hamilton Avenue; Fort Hamilton Avenue, south side, between Graves Avenue and West Street; West Street, between Fort Hamilton and Church Avenues; Louisa Street, between Chester Avenue and West Street, and Story Street, between Louisa Street and Church Avenue. Affecting Block Nos. 871, 877, 878, 883, 884, 889, 890, 895, 902, 5260, 5264, 5270, 5280, 5303, 5305, 5307, 5309, 5311, 5313, 5314, 5323, 5332 and 5333.

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, New York, on or before July 14, 1914, at 10 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

ALFRED P. W. SEAMAN, WM. C. ORMOND, JACOB J. LESSER, Board of Assessors.

ST. GEORGE B. TUCKER, Secretary, Room 809, Municipal Building, City of New York, Borough of Manhattan.

June 13, 1914. j13,24

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of Richmond.

3996 Regulating, grading, curbing, flagging, etc., Castleton Boulevard between Forest and Castleton Avenues. Affecting Plots 10, 11 and 13, Block 1; Plot 3, Blocks 2 to 5 and A; Plot 4, Block 1; and Block 150, First Ward.

3994 Regulating, grading, curbing, flagging and paving Broadway from the present dead end to Mersereau Avenue, Third Ward.

Borough of Queens.

3589 Regulating, grading, curbing, flagging, etc., Jackson Avenue from Woodside Avenue to Trains Meadow Road, Second Ward. Together with a list of awards for damages caused by a change of grade.

3916 Regulating, grading, curbing, flagging, etc., Marion Street between Payntar and Washington Avenues, First Ward.

Borough of Brooklyn.

3809 Regulating, grading, curbing, flagging, etc., West 32nd Street from Neptune Avenue to a line about 300 feet south of Surf Avenue. Together with a list of awards for damages caused by a change of grade.

3844 Regulating, grading, curbing and flagging East 15th Street between Avenue N and Avenue O. Together with a list of awards for damages caused by a change of grade.

3952 Regulating, grading, curbing and flagging Coney Island Avenue between Kings Highway and Neptune Avenue. Together with a list of awards for damages caused by a change of grade.

The area of assessment in the above mentioned lists extends to within half the block at the intersecting and terminating streets and avenues.

4051 Sewers in East 37th street, from Avenue G (Glenwood Road) to Avenue H; in East 38th street, from sewer summit about 412 feet south of Avenue G to Avenue H; in Avenue H, from Brooklyn Avenue to East 39th Street, and in Avenue H southeasterly to and across the land and right of way of the New York, Brooklyn & Manhattan Beach Railway Company to a point in East 40th Sreet about 675 feet north of Avenue I. Affecting Block Nos. 7553 to 7565, 7571 to 7583, 7722, 7723 and 7742 to 7744.

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, New York, on or before July 7, 1914, at 10 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

ALFRED P. W. SEAMAN, WM. C. ORMOND, JACOB J. LESSER, Board of Assessors.

ST. GEORGE B. TUCKER, Secretary, Room 809, Municipal Building, City of New York, Borough of Manhattan.

June 6, 1914. j6,17

DEPARTMENT OF STREET CLEANING.

Proposals.

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1244, SOUTH END MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock noon on

TUESDAY, JUNE 23, 1914.

FOR THE SALE OF ALL THE HORSE MANURE, STRAW, STABLE WASTE AND REFUSE, WHICH ACCUMULATES AT THE FOLLOWING NAMED STABLES OF THE DEPARTMENT OF STREET CLEANING, IN THE BOROUGH OF MANHATTAN, NEW YORK CITY, DURING THE PERIOD JULY 1, 1914, TO DECEMBER 31, 1914, INCLUSIVE:

Stable "C," No. 625 West 130th Street,
Stable "D," No. 505 East 116th Street,
Stable "F," No. 525 East 80th Street,
Stable "S," No. 2491 Amsterdam Avenue.

In the Borough of Bronx, from July 1, 1914, to June 30, 1915, inclusive:

Stable "A," 189th Street and Tiebout Avenue,
Stable "B," 365 East 152nd Street and Annex, 135th Street and 3rd Avenue,
Stable "C," Halsey Street and Zerega Avenue, Westchester.

In the Borough of Brooklyn, from July 1, 1914, to June 30, 1915, inclusive:

Stable "A," Kent and Flushing Avenues,
Stable "B," No. 403 Butler Street,
Stable "C," Nostrand Avenue and Sterling Place,
Stable "D," Kent Ave. and North 13th Street,
Stable "E," Jamaica Ave. and Gillen Place,
Stable "F," 67th Street, near 18th Ave., Coney Island,
Stable "G," 1815 Pacific Street,
Stable "H," 1172 Fourth Avenue.
Stable "I," E. 3rd St. and Canal Ave., Coney Island.

The approximate number of horses kept at said stables is as follows:

Borough of Manhattan—Stable "C," 130; Stable "D," 120; Stable "F," 116; Stable "S," 81.

Borough of Bronx—Stable "A," 100; Stable "B" and Annex, 140; Stable "C," 45.

Borough of Brooklyn—Stable "A," 205; Stable "B," 164; Stable "C," 120; Stable "D," 120; Stable "E," 131; Stable "F," 94; Stable "G," 116; Stable "H," 98; Stable "I," 28.

The horse manure, straw, stable waste and refuse is to be removed by the contractor at his own expense on each and every day, excepting Sundays and legal holidays, before 12 o'clock, noon.

The agreements, if awarded, will be awarded for each stable separately, and the bidder must state the amount he offers for each stable separately.

The agreements, if awarded, will be awarded to the bidder offering the highest amount for each individual stable.

The amount of the bond required will be Five Hundred Dollars ($500) for each stable, for which a bid is submitted.

The amount of security to be deposited with the bid shall be not less than 3% nor more than 5% of the aggregate amount of the bonds.

The Department of Street Cleaning reserves the right to change the location of any of the above mentioned stables at any time.

The amount offered is to be paid in equal monthly instalments, in advance, on the first day of each and every month, during the term of the contract, excepting the first payment, which is to be made when the contract is executed.

Blank forms of proposal and further information may be obtained at the Main Office of the Department of Street Cleaning, 12th floor South, Municipal Building, Borough of Manhattan.

No bids on any other form will considered.

J. T. FETHERSTON, Commissioner.

Dated June 9th, 1914. j11,23

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1245, NEW MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock noon on

TUESDAY, JUNE 23, 1914.

Borough of Manhattan.

FOR FURNISHING AND DELIVERING FORAGE.

The time for the completion of the work and the full performance of the contract is by or before September 30, 1914.

The amount of security required is thirty per cent. (30%) of the amount of the bid or estimate.

Borough of The Bronx.

FOR FURNISHING AND DELIVERING FORAGE.

The time allowed for the delivery of materials and supplies and the performance of the contract is by or before September 30, 1914.

The amount of security required is thirty per cent. (30%) of the amount of the bid or estimate.

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING FORAGE.

The time allowed for the delivery of materials and supplies and the performance of the contract is by or before September 30, 1914.

The amount of security required is thirty per cent. (30%) of the amount of the bid or estimate.

Bids must be submitted in duplicate in separate envelopes.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per hundred pounds, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each Borough, and awards made to the lowest bidder on each Borough.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Street Cleaning, the Borough of Manhattan, New Municipal Building, Chambers and Center Streets.

J. T. FETHERSTON, Commissioner.

Dated June 9th, 1914. j11,23

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SUPREME COURT — FIRST DEPARTMENT.

Hearings on Qualifications.

FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of BENEDICT AVENUE, between Starrow Street and Olmstead Avenue, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Bronx, on the 3rd day of June, 1914, William E. Smith, Esq., was appointed a Commissioner of Estimate in the above entitled proceeding in the place and stead of James J. O'Donnell, resigned.

Notice is further given that pursuant to said order bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Bronx on the 3rd day of June, 1914, the said William E. Smith, Esq., will attend at a Special Term, Part II of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in the City of New York, on the 18th of June, 1914, at the opening of 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 said proceeding as to his qualifications to act as such Commissioner.

Dated, New York, June 6th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. j6,17

Filing Preliminary Abstracts.

FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the widening of WEST 238TH STREET, from its intersection with Broadway to Albany Road, on its southerly side, excluding the right of way of the New York and Putnam Railroad; and WEST 239TH STREET, from Review Place to Putnam Avenue West, 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 24th day of June, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 25th day of June, 1914, at 2.30 o'clock P. M.

Second.—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 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 24th day of June, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 26th day of June, 1914, at 2.30 o'clock P. M.

Third.—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 1st day of May, 1913, 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 bisecting the angle formed by the intersection of the prolongations of the centre lines of West Two Hundred and Thirty-eighth street and Van Cortlandt Park South, as these streets are laid out between Broadway and Review place, distant 100 feet westerly from the westerly line of Broadway, the said distance being measured at right angles to Broadway, and running thence eastwardly along the said bisecting line to the intersection with a line midway between Broadway and Review place; thence northwardly along the said line midway between Broadway and Review place to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of West Two Hundred and Thirty-ninth street, the said distance being measured at right angles to West Two Hundred and Thirty-ninth street; thence eastwardly along the said line parallel with West Two Hundred and Thirty-ninth street and along the prolongations of the said line to the intersection with a line at right angles to Albany road and passing through a point on its northerly line distant 400 feet northeasterly from its intersection with the northeasterly line of West Two Hundred and Thirty-eighth street; thence southeastwardly along the said line at right angles to Albany road to a point distant 100 feet southeasterly from its southeasterly side; thence southwestwardly and parallel with Albany road to a point distant 100 feet northeasterly from the northeasterly line of West Two Hundred and Thirty-eighth street, the said distance being measured at right angles to West Two Hundred and Thirty-eighth street; thence generally southwardly and always distant 100 feet easterly from and parallel with the easterly line of West Two Hundred and Thirty-eighth street to a point distant 100 feet southeasterly from the southeasterly line of Cannon place, the said distance being measured at right angles to Cannon place; thence southwestwardly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Cannon place to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of West Two Hundred and Thirty-eighth street, as this street is laid out between Bailey avenue and Cannon place, the said distance being measured at right angles to West Two Hundred and Thirty-eighth street; thence northwestwardly along the said line parallel with West Two Hundred and Thirty-eighth street and along the prolongations of the said line to a point distant 100 feet easterly from the easterly line of Albany road, the said distance being measured at right angles to Albany road; thence northwardly and always distant 100 feet easterly from and parallel with the easterly line of Albany road to the intersection with the prolongation of a line midway between West Two Hundred and Thirty-sixth street and West Two Hundred and Thirty-seventh street, as these streets are laid out between Broadway and Putnam Avenue West; thence westwardly along the said line midway between West Two Hundred and Thirtysixth street and West Two Hundred and Thirty-seventh street and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of Broadway, the said distance being measured at right angles to Broadway; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Broadway to the 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 25th day of June, 1914.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 10th day of September, 1914, 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

MICHAEL J. EGAN, Chairman; JOHN DAVIS, OWEN B. MURPHY, Commissioners of Estimate. MICHAEL J. EGAN, Commissioner of Assessment.

Dated, New York, May 29th, 1914.

JOEL J. SQUIER, Clerk. j4,20

Filing Bill of Costs.

FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WATERBURY AVENUE, from Westchester avenue to Zerega avenue; of NEWBOLD AVENUE, from Virginia avenue to Zerega avenue; of ELLIS AVENUE, from Virginia avenue to Zerega avenue; of POWELL AVENUE, from Virginia avenue to Zerega avenue; and of GLEASON AVENUE, from Metcalf avenue to Zerega avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 26th day of June, 1914, 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 13th, 1914.

ERNEST HALL, JOHN J. MACKIN, FRANZ MARQUARDT, Commissioners of Estimate. ERNEST HALL, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. j13,24

FIRST DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of REVIEW PLACE, from West Two Hundred and Thirty-eighth street to Van Cortlandt Park South; and WEST TWO HUNDRED AND FORTIETH STREET, from Spuyten Duyvil road to Broadway, subject, however, to the Interborough Rapid Transit Company's easement for the maintenance and operation of its elevated railroad structure, constructed in West Two Hundred and Fortieth Street, between Spuyten Duyvil road and Broadway, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 22nd day of June, 1914, 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 8th, 1914.

E. MORTIMER BOYLE, CLARENCE C. ROGERS, WM. H. BIRKMIRE, Commissioners of Estimate. E. MORTIMER BOYLE, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. j8,18

SUPREME COURT—SECOND DEPARTMENT.

Applications to Amend Proceedings.

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York relative to amending its application heretofore made 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 WEIRFIELD STREET, from the line between the Borough of Brooklyn and the Borough of Queens to Wyckoff Avenue; HANCOCK STREET, from the line between the Borough of Brooklyn and the Borough of Queens to Myrtle Avenue; JEFFERSON AVENUE, from the line between the Borough of Brooklyn and the Borough of Queens to Cypress Avenue, and CORNELIA STREET, from the line between the Borough of Brooklyn and the Borough of Queens to Fresh Pond Road, excepting in each case the right of way of the Evergreen Branch of the Long Island Railroad, in the Second Ward, Borough of Queens, City of New York, so as to conform with a change made in the lines of Cornelia Street in the block between Myrtle

Avenue and Cypress Avenue as shown on a map adopted by the Board of Estimate and Apportionment on December 18, 1913.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for hearing of motions, at the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 24th day of June, 1914, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon, for an order amending the proceeding entitled "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 Weirfield Street, from the line between the Borough of Brooklyn and the Borough of Queens to Wyckoff Avenue; Hancock Street, from the line between the Borough of Brooklyn and the Borough of Queens to Myrtle Avenue; Jefferson Avenue, from the line between the Borough of Brooklyn and the Borough of Queens to Cypress Avenue, and Cornelia Street, from the line between the Borough of Brooklyn and the Borough of Queens to Fresh Pond Road, excepting in each case the right of way of the Evergreen Branch of the Long Island Railroad, in the Second Ward, Borough of Queens, City of New York," and the petition and order appointing Commissioners of Estimate and a Commissioner of Assessment in said proceeding heretofore duly entered and filed in the office of the Clerk of the County of Queens on the 17th day of August, 1911, so as to conform with a change made in the lines of Cornelia Street in the block between Myrtle Avenue and Cypress Avenue as shown upon a map adopted by the Board of Estimate and Apportionment on December 18, 1913.

Cornelia Street, extending from the Brooklyn Borough Line to Fresh Pond Road, in the Second Ward, Borough of Queens, City of New York, is laid down upon Section 30 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 August 23, 1910, at the office of the County Clerk at Jamaica August 23, 1910, and at the office of the Corporation Counsel August 26, 1910, as amended by Alteration Map No. 386, dated July 14, 1913, of territory bounded by Hancock Street, Cypress Avenue, Cornelia Street and Myrtle Avenue, approved by the Board of Estimate and Apportionment December 18, 1913, by the Mayor December 20, 1913, copies of which were filed at the office of the President of the Borough of Queens March 11, 1914, at the office of the County Clerk at Jamaica March 9, 1914, as Map No. 645, and at the office of the Corporation Counsel March 7, 1914.

The area eliminated from the proceeding is bounded and described as follows:

Beginning at a point formed by the intersection of the southeasterly line of Cornelia Street and the northeasterly line of Cypress Avenue, as laid down upon the map of Section 30 of the Final Maps of the Borough of Queens, approved by the Board of Estimate and Apportionment July 1, 1910. Running thence northeasterly for 72.61 feet along the said southeasterly line of Cornelia Street to the southerly line of Myrtle Avenue. Thence westerly, deflecting to the left 136° 26′ 33″ for 1.45 feet along the southerly line of Myrtle Avenue to the southeasterly line of Cornelia Street, as laid down upon Alteration Map No. 386, approved by the Board of Estimate and Apportionment December 18, 1913. Thence southwesterly, deflecting to the left 43° 33′ 27″ for 71.56 feet along said northeasterly line of Cornelia Street to the northeasterly line of Cypres Avenue. Thence southeasterly 1.00 feet along the northeasterly line of Cypress Avenue, to the southeasterly line of Cornelia street, the point or place of beginning.

The Board of Estimate and Apportionment on the 27th day of February, 1914, duly fixed and determined that the area of assessment for benefit in this amended proceeding be fixed and determine to be as follows:

Beginning at a point on the line between the Borough of Brooklyn and the Borough of Queens where it is intersected by a line midway between Putnam Avenue and Cornelia Street, and running thence northeastwardly along the said line midway between Putnam Avenue and Cornelia Street to a point distant 100 feet westerly from the westerly line of Forest Avenue, the said distance being measured at right angles to Forest Avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Forest Avenue to the intersection with the southerly right of way line of the Lutheran Cemetery Branch of the Brooklyn Rapid Transit; thence eastwardly along the said right of way line to a point distant 100 feet easterly from the easterly line of Fresh Pond Road, the said distance being measured at right angles to Fresh Pond Road; thence southwardly and parallel with Fresh Pond Road to the intersection with the prolongation of a line midway between Cornelia Street and Hughes Street as these streets are laid out between Anthon Avenue and Buchman Avenue; thence westwardly along the said line midway between Cornelia Street and Hughes Street and along the prolongation of the said line to the intersection with the centre line of Anthon Avenue; thence northwardly along the centre line of Anthon Avenue to the intersection with the prolongation of a line midway between Cornelia Street and Hughes Street, as these streets are laid out between Forest Avenue and Anthon Avenue; thence westwardly along the said line midway between Cornelia Street and Hughes Street, and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Forest Avenue, the said distance being measured at right angles to Forest Avenue; thence southwardly and parallel with Forest Avenue to the intersection with the prolongation of a line midway between Cornelia Street and Silver Street, as these streets are laid out where they adjoin Forest Avenue on the west; thence southwestwardly along the said line midway between Cornelia Street and Silver Street and along the prolongation of the said line to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of Woodward Avenue, the said distance being measured at right angles to Woodward Avenue; thence southeastwardly along the said line parallel with Woodward Avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Cornelia Street and Catalpa Avenue; as these streets are laid out between Onderdonk Avenue and Woodward Avenue; thence southwestwardly along the said bisecting line to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Cornelia street, the said distance being measured at right angles to Cornelia Street; thence southwestwardly along the said line parallel with Cornelia Street to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Myrtle Avenue, the said distance being measured at right angles to Myrtle Avenue; thence eastwardly along the said line parallel with Myrtle Avenue to the intersection with a line at right angles to Myrtle Avenue and passing through a point on its southerly side where it is intersected by the prolongation of a line midway between Hancock Street and Weirfield Street; thence southwardly along the said line at right angles to Myrtle Avenue to its southerly side; thence southwestwardly along the said line midway between Hancock Street and Weirfield Street and along the prolongation of the said line to a point distant 100 feet northeasterly from the northeasterly line of Wyckoff Avenue; thence southeastwardly and parallel with Wyckoff Avenue to the intersection with the prolongation of a line midway between Weirfield Street and Halsey Street; thence southwestwardly along the said line midway between Weirfield Street and Halsey Street and along the prolongation of the said line to the intersection with the line between the Borough of Brooklyn and the Borough of Queens; thence northwardly along the said Borough line to the point or place of beginning.

Dated, New York, June 12th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. j12,23

Hearings on Qualifications.

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of ATLANTIC AVENUE, from the Brooklyn Borough Line to Van Wyck Avenue, as said Atlantic Avenue is now laid out, excluding, however, all lands which may fall within the limits of the right of way of the Long Island Railroad Company and all land actually occupied by Railroad buildings in the 4th Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, GEORGE C. BUECHNER, JOHN J. KINDRED and JOHN J. CONNOLLY, Esqrs., were appointed Commissioners of Estimate in the above entitled proceeding, and that in and by the said order George C. Buechner was appointed the Commissioner of Assessment.

Notice is further given that pursuant to the statutes in such cases made and provided, the said George C. Buechner, John J. Kindred and John J. Connolly, Esqrs., will attend at a Trial Term, Part I, of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Queens, in the City of New York, on the 22nd day of June, 1914, 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 said proceeding, as to their qualifications to act as such Commissioners.

Dated, June 10th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. j10,20

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of KIMBALL AVENUE, from Liberty Avenue, near Digby Street, to Liberty Avenue, near Baker Avenue, as said Kimball Avenue is now laid out, in the 4th Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, William O'Mara, Esq., was appointed a Commissioner of Estimate and a Commissioner of Assessment in the above entitled proceeding in the place and stead of John M. Fee, resigned.

Notice is further given that pursuant to the said order bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, the said Wiilliam O'Mara, Esq., will attend at a Trial Term, Part I, of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Queens, in the City of New York, on the 22nd day of June, 1914, 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 said proceeding as to his qualifications to act as such Commissioner.

Dated, June 10th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. j10,20

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of SECOND STREET, from Howell Avenue to Jackson Avenue; and THIRD STREET, from Queens Boulevard to Woodside Avenue; and from Stryker Avenue to Jackson Avenue, in the 2nd Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, Rudolph L. Scharf, Esq., was appointed a Commissioner of Estimate in the above proceeding in the place and stead of Rupert Thomas, resigned.

Notice is further given that pursuant to the said order bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, the said Rudolph L. Scharf, Esq., will attend at a Trial Term, Part I, of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Queens, in the City of New York, on the 22nd day of June, 1914, 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 said proceeding, as to his qualifications to act as such Commissioner.

Dated, June 10th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. j10,20

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of SECOND STREET, from Howell Avenue to Jackson Avenue; and THIRD STREET, from Queens Boulevard to Woodside Avenue; and from Stryker Avenue to Jackson Avenue, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, Julius Harder, Esq., was appointed a Commissioner of Estimate in the above entitled proceeding in the place and stead of Alfred J. Eno, resigned.

Notice is further given that pursuant to the said order bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, the said Julius Harder, Esq., will attend at a Trial Term, Part I, of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Queens, in the City of New York, on the 22nd day of June, 1914, 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 said proceeding as to his qualifications to act as such Commissioner.

Dated, June 10th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. j10.20

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of ATLANTIC AVENUE, from the Brooklyn Borough Line to Van Wyck Avenue, as said Atlantic Avenue is now laid out, excluding, however, all lands which may fall within the limits of the right of way of the Long Island Railroad Company and all land actually occupied by Railroad buildings in the 4th Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, Julius Harder, Esq., was appointed a Commissioner of Estimate in the above entitled proceeding in the place and stead of Alfred J. Eno, resigned.

Notice is further given that pursuant to the said order bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Queens on the 4th day of June, 1914, the said Julius Harder, Esq., will attend at a Trial Term, Part I, of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Queens, in the City of New York, on the 22nd day of June, 1914, 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 said proceeding as to his qualifications to act as such Commissioner.

Dated, June 10th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. j10,20

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of SECOND STREET, from Howell Avenue to Jackson Avenue; and THIRD STREET, from Queens Boulevard to Woodside Avenue; and from Stryker Avenue to Jackson Avenue, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Kings on the 1st day of June, 1914, Stephen C. Baldwin, Esq., was appointed a Commissioner of Estimate and Appraisal in the above entitled proceeding in the place and stead of Andrew J. Corsa, deceased.

Notice is hereby further given that pursuant to the said order bearing date the 1st day of June, 1914, and duly entered and filed in the office of the Clerk of the County of Kings on the 1st day of June, 1914, the said Stephen C. Baldwin, Esq., will attend at a special term for the hearing of motions, of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Brooklyn in the City of New York on the 22nd day of June, 1914, 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 of Estimate and Appraisal.

Dated, New York, June 10th, 1914.

FRANK L. POLK, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. j10,20

Filing Bill of Costs.

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of EAST 12TH STREET, from Ditmas Avenue to Foster Avenue (Westminster Road), in the 29th Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 29th day of June, 1914, 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 Kings, there to remain for and during the space of ten days, as required by law.

Dated, New York, June 16th, 1914.

EUGENE F. O'CONNOR, AUGUSTINE R. McMAHON, EUGENE P. DOANE, Commissioners of Estimate. AUGUSTINE R. McMAHON, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j16,26

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of AVENUE M, from West Street to Ocean Parkway, in the 31st Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 29th day of June, 1914, 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 Kings, there to remain for and during the space of ten days, as required by law.

Dated, New York, June 16th, 1914.

HENRY S. RASQUIN, MATTHEW V. O'MALLEY, EUGENE P. DOANE, Commissioners of Estimate. EUGENE P. DOANE, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j16,26

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of EAST 9TH STREET, between Foster Avenue and Avenue T, and to EAST 10TH STREET, between Foster Avenue and Avenue Q, excluding in each case the lands of the Long Island Railroad Company, in the 29th, 30th & 31st Wards, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 26th day of June, 1914, 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 Kings, there to remain for and during the space of ten days, as required by law.

Dated, New York, June 15th, 1914.

EVERETT GREENE, DAVID J. HOGAN, HARRY FARRELL, Commissioners of Estimate. EVERETT GREENE, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j15,25

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of PALMETTO STREET, from Onderdonk Avenue to Fresh Pond Road; WOODBINE STREET, from Myrtle Avenue to Fresh Pond Road; and of MADISON STREET, from Wyckoff Avenue to Fresh Pond Road, in the Second Ward, Borough of Queens, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions, at the County Court House in the Borough of Brooklyn, in The City of New York, on the 26th day of June, 1914, 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, June 13th, 1914.

WILLIAM W. GILLEN, LUKE OTTEN, JOSEPH W. SAVAGE, Commissioners of Estimate. WILLIAM W. GILLEN, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. j13,24

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of CYPRESS AVENUE, between Sixteenth street and Broadway, in the Third Ward, Borough of Queens, City of New York, as amended and corrected by an order of the Supreme Court, Second Department, dated December 17, 1912, and entered in the office of the Clerk of the County of Queens on December 19, 1912, so as to relate to CYPRESS AVENUE (California Avenue), from Sixteenth Street (Dutchess street) to the centre line of Broadway (Jackson avenue), and THIRTIETH STREET (Rattoone street), from Cypress avenue (California avenue) to the centre line of Broadway (Jackson avenue) as now laid out.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions at the County Court House in the Borough of Brooklyn, in The City of New York, on the 23rd day of June, 1914, 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, June 9th, 1914.

IRA G. DARRIN, FRANK E. LOSEE, JOHN E. McCABE, Commissioners of Estimate. IRA G. DARRIN, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. j9,19

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of SHEPHERD AVENUE, between Fulton Street and Atlantic Avenue, in the 26th Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 23rd day of June, 1914, 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 Kings, there to remain for and during the space of ten days, as required by law.

Dated, New York, June 9th, 1914.

EDWARD M. BASSETT, HIRAM THOMAS, JAMES B. FISHER, Commissioners of Estimate. EDWARD M. BASSETT, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j9,19

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands, filled-in lands, lands, and lands under water, wharf property, wharfage rights, terms, easements, emoluments and privileges of and to the uplands, filled-in lands, lands and lands under water and wharf property necessary to be taken for the improvement of the water front and harbor of The City of New York, be-

tween the centre line of FIFTY-SEVENTH STREET PROLONGED, centre line of SIXTY-FIRST STREET PROLONGED, westerly line of FIRST AVENUE and the pierhead line approved by the Secretary of War in 1890, South Brooklyn, in the Borough of Brooklyn, in The City of New York, pursuant to a certain plan heretofore adopted by the Commissioner of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions, at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 22nd day of June, 1914, 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 Kings, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated New York, June 9th, 1914.

THOMAS H. TROY, PETER F. LYNAN, FRANKLIN TAYLOR, Commissioners.

JOSEPH M. SCHENCK, Clerk. j9,19

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of 48TH STREET, from 8th Avenue to Fort Hamilton Avenue, from New Utrecht Avenue to 12th Avenue, from 16th Avenue to 17th Avenue, and from 18th Avenue to 19th Avenue, in the 30th Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 18th day of June, 1914, 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 Kings, there to remain for and during the space of ten days, as required by law.

Dated, New York, June 6th, 1914.

WM. W. WINGATE, HARRIS G. EAMES, JOHN TOOMEY, Commissioners of Estimate; JOHN TOOMEY, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j6,17

Filing Preliminary Abstracts.

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of 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 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 in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 8th day of July, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 10th day of July, 1914, at 3 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 in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 8th day of July, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 13th day of July, 1914, at 3.30 o'clock P. M.

Third.—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 13th day of June, 1912, and that the said 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 midway between Third street and Fourth street, distant 100 feet northerly from the northerly line of Stryker avenue, the said distance being measured at right angles to Stryker avenue, and running thence eastwardly and parallel with Stryker avenue to the intersection with the prolongation of a line midway between Fillmore avenue and Polk avenue; thence eastwardly along the said line midway between Fillmore avenue and Polk avenue and along the prolonagtion of the said line to a point distant 100 feet northerly from the northerly line of Polk avenue, as this street is laid out easterly from Junction avenue, the said distance being measured at right angles to Polk avenue; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Polk avenue to the intersection with the prolongation of a line midway between Coman street and Polk avenue; thence eastwardly along the said line midway between Coman street and Polk avenue, and along the prolongations of the said line to the intersection with a line distant 1,160 feet northerly from and parallel with the southerly line of Roosevelt avenue, as this street is laid out adjoining Wateredge avenue, the said distance being measured at right angles to Roosevelt avenue; thence eastwardly along the said line parallel with Roosevelt avenue to the intersection with a line midway between Jane street and Henry street, as these streets are laid out upon a map adopted by the Board of Trustees of the Village of Flushing on October 5, 1875; thence southwardly along the said line midway between Jane street and Henry street, and along the prolonagtion of the said line to the intersection with the northerly right of way line of the Flushing and Northside Division of the Long Island Railroad; thence westwardly along the said right of way line to the intersection with the prolonagtion of a line distant 100 feet easterly from and parallel with the easterly line of Peartree avenue, as this street is laid out where it adjoins Roosevelt avenue; thence northwardly along the prolongation of the said line parallel with Peartree avenue to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Kingsland avenue, as this street is laid out westerly from Peartree avenue, the said distance being measured at right angles to Kingsland avenue; thence westwardly along the said line parallel with Kingsland avenue, 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 Forty-second street, the said distance being measured at right angles to Forty-second street; thence northwardly along the said line parallel with Forty-second street to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Hunt street, the said distance being measured at right angles to Hunt street; thence westwardly along the said line parallel with Hunt street to the intersection with a line midway between Van Dine street and Van Nest street; thence northwardly along the said line midway between Van Dine street and Van Nest street to the intersection with a line always distant 1,100 feet southerly from and parallel with the southerly line of Roosevelt avenue, the said distanec being measured at right angles to Roosevelt avenue; thence westwardly along the said line parallel with Roosevelt avenue to the intersection with the prolongations of a line distant 100 feet northerly from and parallel with the northerly line of Grout avenue, as this street is laid out between Third street and Fourth street; thence westwardly along the said line parallel with Grout avenue and along the prolongation of the said line to the intersection with a line midway between Third street and Fourth street; thence northwardly along a line always midway between Third street and Fourth street 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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 10th day of July, 1914.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 22nd day of September, 1914, 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 consessment, 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 26th, 1914.

HERMAN E. WINNE, Chairman; WILLET C. DURLAND, JOHN H. STILLWAGGON, Commissioners of Estimate. HERMAN E. WINNE, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. j17,jy3

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of PROSPECT STREET, from Hunter Avenue to Webster Avenue, in the First Ward, Borough of Queens, 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 supplemental and amended 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of June, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 29th day of June, 1914, at 2.30 o'clock P. M.

Second.—That the undersigned Commissioner of Assessment has completed his supplemental and amended 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 in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of June, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 30th day of June, 1914, at 2.30 o'clock P. M.

Third.—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 14th day of June, 1907, and that the said 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 the intersection of a line midway between Prospect street and the Crescent with the northerly line of Hunter avenue, and running thence northeastwardly along the said line midway between Prospect street and the Crescent and along the prolongation of the said line to the intersection with a line 100 feet mortheasterly from and parallel with the northeasterly line of Webster avenue, the said distance being measured at right angles to the line of Webster avenue; thence southeastwardly and parallel with Webster avenue to the intersection with the prolongation of a line midway between Prospect street and Radde street; thence southwestwardly and along the said line midway between Prospect street and Radde street and along the prolongation of the said line to the intersection with the southerly line of Hunter avenue; thence southwardly at right angles to the line of Hunter avenue 100 feet; thence westwardly and parallel with Hunter avenue to the intersection with a line at right angles to the line of Hunter avenue and passing through the point described as the point or place of beginning, and thence northwardly to the point or place of beginning.

Fourth.—That the abstracts of said supplemental and amended estimate of damage and of said supplemental and amended 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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 29th day of June, 1914.

Fifth.—That, provided there be no objections filed to either of said abstracts, the supplemental and amended reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 30th day of July, 1914, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing supplemental and amended abstracts of estimate and assessment, or to either of them, the motion to confirm the supplemental and amended 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 9th, 1914.

GEO. E. BLACKWELL, Chairman; HOWARD SUTPHIN, EDWARD T. KASSEL, Commissioners of Estimate. GEO. E. BLACKWELL, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. j15,25

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WOODBINE STREET, from Knickerbocker Avenue to Irving Avenue, in the 28th Ward, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned Commissioners of Estimate have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, No. 166 Montague Street, in the Borough of Brooklyn, in The City of New York, on or before the 29th day of June, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 30th day of June, 1914, at 11 o'clock A. M.

Second—That the undersigned Commissioner of Assessment has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, to 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 29th day of June, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the first day of July, 1914, at 11 o'clock A. M.

Third—That the Commissioner of Assessment 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 3d day of April, 1913, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between Palmetto street and Woodbine street distant 80 feet northeasterly from the northeasterly line of Ridgewood Avenue, the said distance being measured at right angles to Ridgewood avenue, and running thence southeastwardly and parallel with Ridgewood avenue to the intersection with a line midway between Woodbine street and Madison street; thence southwestwardly along the said line midway between Woodbine street and Madison street to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of Irving avenue, the said distance being measured at right angles to Irving avenue; thence southeastwardly along the said line parallel with Irving avenue to the intersection with a line midway between Woodbine street and Putnam avenue; thence southwestwardly along the said line midway between Woodbine street and Putnam avenue to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Knickerbocker avenue, the said distance being measured at right angles to Knickerbocker avenue; thence northwestwardly along the said line parallel with Knickerbocker avenue to the intersection with a line midway between Woodbine street and Madison street; thence southwestwardly along the said line midway between Woodbine street and Madison street to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Hamburg avenue, the said distance being measured at right angles to Hamburg avenue; thence northwestwardly along the said line parallel with Hamburg avenue to the intersection with a line midway between Palmetto street and Woodbine street; thence northeastwardly along the said line midway between Palmetto street and Woodbine street to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague Street, in the Borough of Brooklyn, in said City, there to remain until the 9th day of July, 1914.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 31st day of July, 1914, 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 9th, 1914.

DAVID HIRSHFIELD, JOHN F. CANAVAN, JOHN N. HARMAN, Commissioners of Estimate. JOHN F. CANAVAN, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j9,25

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of PENELOPE STREET, from Juniper Avenue to Queens Boulevard, in the 2nd Ward, Borough of Queens, 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of June, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 29th day of June, 1914, 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 objeetion thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of June, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 30th day of June, 1914, 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 9th day of February, 1911, and that the said 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 the prolongation of a line midway between Marion avenue and Penelope street, as these streets are laid out westerly from Woodhaven avenue, distant 100 feet westerly from the westerly line of Juniper avenue, the said distance being measured at right angles to Juniper avenue, and running thence eastwardly along the said line midway between Marion avenue and Penelope street and along the prolongations of the said line to the intersection with the prolongation of a line midway between Marion avenue and Penelope street as these streets are laid out easterly from Fleet street; thence northeastwardly along the said line midway between Marion avenue and Penelope street and along the prolongation of the said line to a point distant 100 feet southwesterly from the southwesterly line of Austin street; thence southeastwardly and parallel with Austin street to the intersection with the prolongation of a line midway between Omega street and Penelope street; thence northeastwardly along the said line midway between Omega street and Penelope street, and along the prolongations of the said line to the intersection with the centre line of Omega street as this street is laid out northeasterly from Queens boulevard; thence eastwardly along the said centre line of Omega street to a point distant 100 feet northeasterly from the northeasterly line of Queens boulevard, the said distance being measured at right angles to Queens boulevard; thence southeastwardly and parallel with Queens boulevard to the intersection with the prolongation of a line midway between Penelope street and Hackett place; thence southwestwardly along the said line midway between Penelope street and Hackett place, and along the prolongations of the said line to a point distant 100 feet southwesterly from the southwesterly line of Austin street, the said distance being measured at right angles to Austin street; thence southeastwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Austin street, to a point midway between Penelope street and Modjeska street; thence southwestwardly along a line midway between Penelope street and Modjeska street and along the prolongation of the said line to the intersection with the prolongation of a line midway between Penelope street and Lowell avenue; thence westwardly along the said line midway between Penelope street and Lowell avenue, and along the prolongations of the said line to the intersection with a line parallel with Juniper avenue and passing through the point of beginning; thence northwardly along the said line parallel with Juniper 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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 26th day of June, 1914.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at the Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 4th day of September, 1914, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing abstracts of estimate and as-

sessment 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 2nd, 1914.

WILLIAM W. GILLEN, Chairman; JOSEPH W. SAVAGE, CHAS. H. GEORGI, Commissioners of Estimate; WILLIAM W. GILLEN, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. j6,23

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of 76TH STREET, from Narrows Avenue to First Avenue, from Third Avenue to Seventh Avenue, from Fort Hamilton Avenue to the westerly line of New Utrecht Avenue, and from the easterly line of New Utrecht Avenue to 22nd Avenue; and 77TH STREET, from Fort Hamilton Avenue to 15th Avenue, from 16th Avenue to the westerly line of New Utrecht Avenue, and from the easterly line of New Utrecht Avenue to 22nd Avenue, in the 30th Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, No. 166 Montague Street, in the Borough of Brooklyn, in The City of New York, on or before the 24th day of June, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 25th day of June, 1914, at 11 o'clock A. M.

Second.—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, No. 166 Montague Street, in the Borough of Brooklyn, in the City of New York, on or before the 24th day of June, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 26th day of June, 1914, at 11 o'clock A. 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 7th day of May, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

1—Bounded on the north by a line midway between Seventy-fifth Street and Seventy-sixth Street and by the prolongation of the said line; on the east by the centre line of First Avenue; on the south by a line midway between Seventy-sixth Street and Seventy-seventh Street and by the prolongation of the said line; and on the west by a line distant 100 feet westerly from and parallel with the westerly line of Narrows Avenue, the said distance being measured at right angles to Narrows Avenue.

2—Beginning at a point on the centre line of Third Avenue where it is intersected by a line midway between Seventy-fifth Street and Seventy-sixth Street, and running thence eastwardly and southeastwardly along a line always midway between Seventy-fifth Street and Seventy-sixth Street, and along the prolongation of the said line, to a point distant 100 feet southeasterly from the southeasterly line of Twenty-second Avenue; thence southwestwardly and parallel with Twenty-second Avenue to the intersection with the prolongation of a line midway between Seventy-seventh Street and Seventy-eighth Street; thence northwestwardly along the said line midway between Seventy-seventh Street and Seventy-eighth Street, and along the prolongation of the said line, to the intersection with the centre line of Sixteenth Avenue; thence northeastwardly along the centre line of Sixteenth Avenue to the intersection with a line midway between Seventy-sixth Street and Seventy-seventh Street; thence northwestwardly along the said line midway between Seventy-sixth Street and Seventy-seventh Street to the intersection with the centre line of Fifteenth Avenue; thence southwestwardly along the centre line of Fifteenth Avenue to the intersection with a line midway between Seventy-seventh Street and Seventy-eighth Street; thence northwestwardly along the said line midway between Seventy-seventh Street and Seventy-eighth Street 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 Fort Hamilton Avenue, the said distance being measured at right angles to Fort Hamilton Avenue; thence northeastwardly along the said line parallel with Fort Hamilton Avenue to the intersection with the prolongation of a line midway between Seventy-sixth Street and Seventy-seventh Street; thence northwestwardly and westwardly along a line always midway between Seventy-sixth Street and Seventy-seventh Street, and along the prolongation of the said line, to the centre line of Third Avenue; thence northwardly along the centre line of Third Avenue to the point or place of beginning.

Fourth.—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague Street, in the Borough of Brooklyn, in said City, there to remain until the 6th day of July, 1914.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 30th day of July, 1914, 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 5th, 1914.

BURT L. RICH, F. MATTHEW SAAUZE, JOHN N. HARMAN, Commissioners of Estimate. BURT L. RICH, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j5,22

SECOND DEPARTMENT.

IN THE MATTER OF THE APPLICATION of THE CITY OF NEW YORK, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, Tenements and hereditaments required for the opening and extending of WEST 32ND STREET, from Neptune Avenue to the mean high water line of the Atlantic Ocean; WEST 33RD STREET, from Neptune Avenue to Surf Avenue; WEST 35TH STREET, from Canal Avenue to Surf Avenue; WEST 36TH STREET, from Canal Avenue to Surf Avenue; excepting in each case the right of way of the New York and Coney Island Railroad; in the 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 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 23rd day of June, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 25th day of June, 1914, at 11 o'clock A. M.

Second.—That the undersigned, Commissioner of Assessment, has completed his estiamte 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 23rd day of June, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 26th day of June, 1914, at 11 o'clock A. 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 9th day of March, 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 a point on the southerly bulkhead line of Gravesend Bay where it is intersected by the prolongation of a line midway between West 36th Street and West 37th Street, and running thence eastwardly along the said bulkhead line to the intersection with the prolongation of a line midway beween West 33rd Street and West 35th Street; thence southwardly along the said line midway between West 33rd Street and West 35th Street, and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Neptune Avenue; thence eastwardly and parallel with Neptune Avenue to the intersection with a line midway between West 31st Street and West 32d Street; thence southwardly along the said line midway between West 31st Street and West 32nd Street, and along the prolongation of the said line to the intersection with the mean high water line of the Atlantic Ocean; thence westwardly along the mean high water line of the Atlantic Ocean to the intersection with the prolongation of a line midway between West 36th Street and West 37th Street; thence northwardly along the said line midway between West 36th Street and West 37th Street, and along the prolongations of the said line to the point or place of beginning.

Fourth.—That the abstracts of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague Street, in the Borough of Brooklyn, in said City, there to remain until the 6th day of July, 1914.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 30th day of July, 1914, 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 usch 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 4, 1914.

ROBERT H. ROY, EDWARD F. LINTON, JOSEPH A. GUIDER, Commissioners of Estimate; ROBERT H. ROY, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j4,20

SECOND DEPARTMENT.

In the matter of the application of THE CITY OF NEW YORK, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WEST 27TH STREET, from Neptune Avenue to Surf Avenue, excepting 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 estimate of damage, and that all persons interesed 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 22d day of June, 1914, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 23rd day of June, 1914, at 11 o'clock, A. M.

Second.—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, No. 166 Montague Street, in the Borough of Brooklyn, in the City of New York, on or before the 22d day of June, 1914, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 24th day of June, 1914, at 11 o'clock A. 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 8th day of February, 1912, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Neptune Avenue, the said distance being measured at right angles to Neptune Avenue; on the east by a line midway between West 25th Street and West 27th Street, and by the prolongation of the said line; on the south by a line always distant 100 feet southerly from and parallel with the southerly line of Surf Avenue, the said distance being measured at right angles to Surf Avenue; and on the west by a line midway between West 27th Street and West 28th Street, and by the prolongation of the said line.

Fourth.—That the abstracts of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague Street, in the Borough of Brooklyn, in said City, there to remain until the 3rd day of July, 1914.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 30th day of July, 1914, 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 3rd, 1914.

JOHN F. CANAVAN, HARRIS C. EAMES, ERNEST EGGERT, Commissioners of Estimate; JOHN F. CANAVAN, Commissioner of Assessment.

MELVILLE J. FRANCE, Clerk. j3,19

NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check, drawn to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of $50, the sum of $50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the 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 opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the Contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids; and it is further

Resolved, That, while the said sale is held under the supervision of the Commissioners of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

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 to the City.

The contract must be bid for separately.

The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

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

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there