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## THE CITY RECORD.

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GEORGE B. McCLELLAN, MAYOR.

WILLIAM B. ELLISON, CORPORATION COUNSEL. HERMAN A. METZ, COMPTROLLER.

PATRICK J. TRACY, SUPERVISOR.

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## MUNICIPAL CIVIL SERVICE COMMISSION.

Minutes of Meeting of the Municipal Civil Service Commission of The City of New York, Held at the Commission's Offices, No. 299 Broadway, on Wednesday, April 10, 1907, at 10 a. m.

Present—President William F. Baker and Commissioners R. Ross Appleton and Alfred J. Talley.

The President, Mr. William F. Baker, presided.

The minutes of the meeting held April 3 were approved.

The Committee on Transfers recommended that the following transfers be approved:

George W. O'Reilly, from the position of Junior Assistant Corporation Counsel to that of Assistant Corporation Counsel (competitive class) in the Law Department.

(250) Edward Davan, from the position of Office Boy in the Tenement House Department to a similar position in the Department of Finance.

(251) Miss Anna G. Stapleton, from the position of Typewriting Copyist (first grade), in the Tenement House Department, to a similar position in the Law Department.

(252) Frederick Phillips, from the position of Axeman in the Rapid Transit Railroad Commission to a similar position in the Department of Bridges.

(253) John G. Hoben, from the position of Chainman and Rodman, at a salary of \$960 per annum in the Rapid Transit Railroad Commission, to a similar position at a salary of \$1,080 per annum in the Department of Docks and Ferries.

The recommendation of the Committee on Transfers was adopted.

The Committee on Reinstatements recommended that the following reinstatements be approved:

(246) Roger H. Mullins, in the position of Clerk (third grade), in the Department of Finance, he having resigned from a similar position on September 5, 1906.

(247) Edward J. McInerny, in the position of Clerk (first grade), in the Department of Water Supply, Gas and Electricity, he having resigned from a similar position in the Department of Education on October 1, 1906.

(248) John P. Reilly, in the position of Clerk (fourth grade), in the Department of Water Supply, Gas and Electricity, he having resigned from a similar position in the Department of Finance on January 4, 1907.

The recommendation of the Committee on Reinstatements was adopted.

The President presented the following report on transfers, reinstatements, etc., in the Labor Class, acted upon by him:

Transfers Approved.

Lawrence O'Halloran, from Sweeper, Department of Street Cleaning, to Laborer, Department of Bridges.

Joseph Trainor, from Dock Laborer to Marine Sounder, Department of Docks and Ferries.

George Oberst, from Dock Builder to Stoker, Department of Docks and Ferries.

Charles H. Lindemann, Jr., from Mechanic's Helper to Stoker, office of the President of the Borough of Queens.

James C. Haricot, from Laborer to Foreman of Laborers, office of the President of the Borough of Richmond.

Joseph J. Moore, from Park Laborer to Driver, Department of Parks, Borough of The Bronx.

John S. Kennedy, from Park Laborer to Hostler, Department of Parks, Borough of The Bronx.

William F. Kennedy, from Park Laborer, Department of Parks, Boroughs of Manhattan and Richmond, to Laborer, Department of Water Supply, Gas and Electricity.

William H. Foley, from Laborer to Stoker, Department of Water Supply, Gas and Electricity.

Michael Cooney, from Laborer to Stoker, Department of Water Supply, Gas and Electricity.

James A. Malone, from Laborer to Stoker, Department of Water Supply, Gas and Electricity.

Reinstatements Approved.

Abraham Lederer, Laborer, Department of Bridges.

Reassignments Approved.

Joel S. Seebacher, Foreman of Laborers, Department of Bridges.

John Ducey, Dock Laborer, Department of Docks and Ferries.

George Bausheimer, Dock Laborer, Department of Docks and Ferries.

John Martell, Park Laborer, Department of Parks, Boroughs of Brooklyn and Queens.

John Ryan, Park Laborer, Department of Parks, Boroughs of Brooklyn and Queens.

Henry G. Seaver, Foreman of Park Laborers, Department of Parks, Boroughs of Brooklyn and Queens.

James Cainill, Park Laborer, Department of Parks, Boroughs of Manhattan and Richmond.

Applications Granted.

Request of the President of the Borough of Manhattan, dated April 3, 1907, for approval of his action in rescinding the dismissal of Hugh Campbell, Laborer.

Request of the President of the Borough of Brooklyn, dated April 5, for approval of his action in rescinding the dismissal of Thomas Moran, Flagger, on March 18, 1907.

Request of the President of the Borough of Brooklyn, dated April 5, for approval of his action in rescinding the dismissal of Henry Conetroux, Laborer, on January 17, 1907.

Request of the President of the Borough of The Bronx, dated April 2, for approval of his action in rescinding the dismissal of Dennis J. Mulligan, Foreman of Laborers, on November 28, 1906.

Request of the President of the Borough of Queens, dated March 20, for approval of his action in rescinding the dismissal of John Adams, Laborer.

Request of the President of the Borough of Queens, dated March 27, for approval of his action in rescinding the dismissal of George P. Marquet, Laborer.

Request of the President of the Borough of Queens, dated April 1, for approval of his action in rescinding the dismissal of Frank Hemmerich, Laborer.

Request of the Commissioner of Parks, Boroughs of Manhattan and Richmond, for approval of his action in rescinding the dismissal of George Thomas, Park Laborer, on March 25, 1907.

Request of the Commissioner of Parks, Boroughs of Manhattan and Richmond, dated April 5, for approval of his action in rescinding the dismissal of John J. Dunn, Park Laborer, on March 25, 1907.

Applications Denied.

Request of the President of the Borough of The Bronx, dated April 4, for approval of his action in rescinding the dismissal of Thomas Harney, Laborer, on May 24, 1906, there being no record of his appointment in that Department, and the eligible list upon which his name appeared having expired June 30, 1906.

Request of the Commissioner of Parks, Boroughs of Brooklyn and Queens, dated April 2, for authority to reinstate Thomas Robinson in the position of Park Laborer, there being a preferred eligible list for that position.

The report of the President was adopted.

The appeals of the following-named persons for a re-rating of their examination papers were denied, no errors of marking or rating on the part of the Examiners having been indicated:

Andrew Reuter, One Hundred and Thirtieth street and Convent avenue, Inspector of Foods (milk).

Theobald E. J. Schabily, No. 343 Broadway, Brooklyn, Inspector of Foods (milk).

August Block, No. 321 East Eighty-third street, Inspector of Foods (Milk).

William H. Smith, No. 185 West Houston street, Inspector of Foods (Milk).

James Sullivan No. 562 Fifty-fourth street, Brooklyn, Inspector of Foods (Milk).

Bernard Reinus, No. 1005 Jennings street, The Bronx, Inspector of Foods (Milk).

Peter S. Seely, No. 296 State Street, Brooklyn, Inspector of Foods (Milk).

Louis Michaels, No. 695 Union avenue, promotion from fourth to fifth grade Clerk.

Richard W. Bincell, Bureau of Highways, Brooklyn, promotion to Leveler.

Martin U. Melen, No. 121 East Eighty-eighth street, Patrolman.

Peter T. Galvin, No. 411 Thirty-seventh street, Brooklyn, Patrolman.

The appeal of Michael J. McGeough, No. 511 West One Hundred and Forty-fifth street, for a special physical examination for Police Doorman was granted. The candidate, whose name appeared on the eligible list for Prison Keeper, was notified for the physical examination for Police Doorman, but, owing to a recent change of address, did not receive the notice.

On motion, it was

Resolved, That, for the purposes of automatic appeal in the examination for Fireman, the list for which has just been established, all candidates receiving a fraction of one per cent. less than the minimum, either on the mental test or the examination as a whole, be deemed as having passed the examination.

On motion, it was

Resolved, That, ordinarily, the closing date for the reception of applications for a given position shall be not less than three weeks prior to the date set for the examination. An application found to be defective shall be suspended and notification shall be sent to the applicant of the particulars in which it requires correction. In all such cases the corrected application must be on file not less than one week before the date of the examination.

On motion, it was

Resolved, That the eligible list of Fireman, resulting from the examination held on February 7, 1907, be and the same hereby is established as of April 6, 1907, the date on which the rating of the papers was completed.

A communication was presented from the Chief Examiner, dated April 4, making application for a telephone in the office of the examination room, second floor, at No. 51 Lafayette street. It being the opinion of the Commission that it would be undesirable to have a telephone in the examination room, the request was denied.

A communication was presented from the State Civil Service Commission, dated April 6, giving the disposition of the resolutions of the Municipal Commission acted upon at its meeting of April 5, as follows:

1.

4. Amending the classification of positions in the Exempt Class, under the heading "Normal College," by including therein the title "Confidential Clerk to the Faculty." Approved.

5. Exempting from examination, to render expert services in the Department of Water Supply, Gas and Electricity, Mr. William N. Thompson, of No. 316 West Ninety-fifth street, New York City. Approved.

6. Amending the classification of non-competitive positions, under the heading "Positions in the Department of Public Charities, the Department of Correction," etc., by including therein the following title: "Prison Van Driver." Returned without approval.

7. Waiving the provisions of Rule VIII., clause 2, so far as it applies to the coming examination for Assistant Engineer (Designer). Approved.

The communication was ordered filed.

A communication was presented from the State Civil Service Commission, dated April 9, stating that at a meeting of that Commission held on the 5th inst., the question of transferring the positions in the City Court of The City of New York from the jurisdiction of the Municipal Civil Service Commission to that of the State Commission was considered, and that, after hearing Commissioner Talley as to the reasons why, in the opinion of the Municipal Commission, the change should not be made, and Secretary Goodwin, of the Civil Service Reform Association, who was also opposed to the proposed transfer, the Commission decided to take no further action. The communication was ordered filed.

A communication was presented from the Police Commissioner, dated March 27, forwarding a copy of a letter received from the office of the United States Attorney for the Southern District of New York, stating that one John Robinson, whose name appeared on the eligible list of Patrolman, had been convicted of having obtained his naturalization papers illegally. The Secretary stated that the candidate's name had been dropped from the list of Patrolman on February 28, on the report of the Police Commissioner that he had failed to appear in answer to a notice sent him. The Commission directed that the facts in the case be noted on the records of the office.

A communication was presented from the Acting Police Commissioner, dated April 9, stating that the limit of compensation (\$750) in the cases of Veterinary Surgeons William F. Doyle, of Brooklyn, and Archer E. Parry, of Manhattan, had been reached, and requesting authority to continue their services in view of the fact that there was urgent need for them in the Department. The Secretary was directed to authorize the employment of the said persons until further notice, and to attach Certificate No. 3 to their payrolls when presented.

On motion, it was

Resolved, That the Secretary be and he hereby is directed to summon Messrs. Harry S. Craven, Waring place, Yonkers, N. Y., and George Raeburn, No. 44 Devoe street, Brooklyn, for non-competitive examination to qualify them for provisional appointment as Rodmen in the Rapid Transit Railroad Commission, in accordance with the provisions of Rule XII., paragraph 3.

A communication was presented from the Department of Docks and Ferries, dated April 4, transmitting copy of an order of the Supreme Court, dated March 7, 1907, and copy of a communication from the Corporation Counsel, dated March 14, 1907, relative to the assignment of David J. Doody as Gatekeeper in that Department. The Secretary was directed to note the appointment on the records of the office, and the papers were ordered filed.

A communication was presented from the Department of Water Supply, Gas and Electricity, dated April 4, requesting the Commission to prepare an eligible list from which to select Engineers for assignment at the new electric pumping stations of the high-pressure fire system, and stating that it would be necessary that the candidates be machinists, with a knowledge of the installing and handling of both high and low-tension boilers.

On motion, it was

Resolved, That the Secretary be and he hereby is directed to hold a special examination for the position of Engineer at the electric pumping stations of the high-pressure fire system about to be installed by the Department of Water Supply, Gas and Electricity, under the provisions of Rule VI., paragraph 6, it appearing that the duties required in such position are of a peculiar and unusual character to which no classified title is applicable.

A communication was presented from the Health Commissioner, dated April 5, in answer to the Commission's request for a report as to the duties being performed by Harry Force, a Boatman employed in the non-competitive class in that Department, a second complaint having been made by the People's Security Company against his assignment to perform inappropriate duties. The Commissioner stated that, while he was certain the candidate was performing appropriate duties, he had directed that a further investigation of the complaint be made. The matter was laid over.

The action of the Commissioner of Bridges in rescinding the dismissal of John McCarthy from the position of Attendant in his Department on January 5, 1907, was approved, it appearing from the certificate furnished that his continued absence, which was the cause of his dismissal, was due to illness.

The reassignment to duty of Thomas H. Smith, Inspector of Regulating, Grading and Paving in the office of the President of the Borough of Brooklyn, was approved, the preferred list for that position having been exhausted.

The emergency appointment of Mr. William Hogg as Axeman in the Jamaica Bay Improvement Commission at a salary of \$3 a day, for fifteen days from April 5, was approved under the provisions of Rule XII., paragraph 4.

The following emergency appointments in the Department of Street Cleaning were approved under the provisions of Rule XII., paragraph 4:

April 3, 1907—Frank Higgins, Fireman, at \$2.25 per day; John Watt, Fireman, at \$2.25 per day.

March 23, 1907—Frank Higgins, Fireman, at \$2.25 per day.

March 25, 1907—John Watt, Fireman, at \$2.25 per day; Patrick Luner, Fireman, at \$2.25 per day.

March 28, 1907—Frank Higgins, Fireman, at \$2.25 per day.

March 30, 1907—John Watt, Fireman, at \$2.25 per day; Patrick Luner, Fireman, at \$2.25 per day.

The leave of absence without pay for thirty-seven (37) days from August 9, 1907, granted Engineer of Steamer John Powers, Engine Company 27, Fire Department, was approved.

On motion, it was

Resolved, That, in accordance with the provisions of Rule XII., paragraph 6, James W. Howard, Esq., of No. 1 Broadway, Consulting Engineer, and Richard E. Whittlesey of No. 52 Wall street, Expert Accountant, be and they hereby are exempted from examination to be employed by the Corporation Counsel in the investigation of the office of the President of the Borough of Manhattan, as directed by Mayor McClellan.

On motion, it was

Resolved, That, in accordance with the provisions of Rule XII., paragraph 6, the Stenographers furnished to the Corporation Counsel by the Interborough Stenographic Company of No. 90 Broadway, New York City, be and they hereby are exempted from examination to be employed from time to time to report the hearings before the Commissioners appointed by the Supreme Court in condemnation proceedings for the opening of streets, avenues and park sites in the Boroughs of Manhattan, The Bronx and Richmond.

A communication was presented from the Secretary of the Board of Education dated April 8, requesting authority to employ E. McLean Long, Esq., of No. 220 Broadway, and Messrs. Robert W. Hunt & Co., of No. 66 Broadway, in connection with the inspection of iron and steel in mills and foundries, the said firms having been employed by the Department of Education for some time in that capacity and having rendered satisfactory service. The employment was authorized, and the Secretary was directed to attach Certificate No. 3 to the payrolls of said persons when presented.

On motion, it was

Resolved, That the Secretary be and he hereby is directed to conduct an examination for promotion from Attendant to Clerk (fifth grade) in the office of the Clerk of the Children's Court, Court of Special Sessions of the First Division of The City of New York, the latter position having been created by the Board of Estimate and Apportionment and the Board of Aldermen, at a salary of \$1,650 per annum, and it being the desire of the Justices to fill the same through promotion.

On motion, it was

Resolved, That, in accordance with the provisions of Rule XII., paragraph 6, Mr. Clarence Bonynge of No. 220 Broadway, New York City, be and he hereby is

exempted from examination to render expert services as Stenographer at a public hearing to be held at the City Hall in connection with the investigation of the Department of the President of the Borough of Manhattan, the compensation in such case not to exceed \$750.

The Commission again considered the matter of approving supplementary payrolls for the salary of Frank Ciancimino, Interpreter in the City Magistrates' Court, Brooklyn, from December 1, 1905, to February 28, 1907 (see Minutes, March 20, 1907). The President stated that Hon. James G. Tighe and Hon. Edward J. Dooley, a committee representing the Board of City Magistrates, Second Division, had called upon him and stated that an individual magistrate had no power to suspend or dismiss; that Ciancimino's suspension by Judge Higginbotham did not meet with the approval of the Board, and that by Board action on February 27, 1907, the payrolls for his salary from December 1, 1905, had been certified and forwarded to the Civil Service Commission. After due consideration of the matter, the payrolls were approved.

A letter was presented from the Clerk of the Court of Special Sessions of the Second Division of The City of New York, dated April 8, requesting an amendment of the classification of exempt positions in the Court of Special Sessions by changing the line "Deputy Clerk of the Second Division" to read: "Deputy Clerk of the Second Division, and a Deputy Clerk for each of the Boroughs of Richmond and Queens." The Secretary was directed to arrange a public hearing on the matter in accordance with Rule III.

A letter was presented from the Board of Water Supply, dated April 9, requesting that the appointment of Mr. Arthur Underhill, of No. 220 Broadway, New York City, as Landscape Engineer for that Board, at a salary of \$2,400 per annum, be approved under the provisions of Rule XII., paragraph 5; or, in the event of the Commission not seeing its way clear to approve the appointment under that clause of the rules, that the classification of exempt positions in that department be amended by including therein the title "Landscape Engineer." The latter course was adopted by the Commission and a public hearing was ordered in accordance with Rule III.

On motion, it was

Resolved, That, in accordance with the provisions of Rule XII., paragraph 6, Mr. Bernard Rothberg be and he hereby is exempted from examination to be employed as Interpreter in the Coroner's office, Borough of Brooklyn, from time to time, at a compensation of \$5 each time his services are required, it appearing that the employment is professional, expert, and of an occasional and exceptional character; provided, however, that his compensation shall not exceed \$750 in any one year.

The reports of the following Boards of Examiners for positions in the non-competitive class were approved upon the recommendation of the Chief Examiner:

Schoolship "St. Mary's," April 2.

Bellevue and Allied Hospitals, April 2.

Department of Public Charities, April 2, 8.

Department of Parks, Brooklyn and Queens, April 2.

Department of Correction, April 4.

Department of Finance, March 30.

President, Borough of Queens, March 25.

President, Borough of Richmond, April 4.

Brooklyn Disciplinary Training School, April 4.

The Secretary stated that vouchers for payment of salary to the following named persons not regularly employed by The City of New York for special services rendered to the City during the year 1906 had been approved, in accordance with the resolution of the Commission, adopted December 19, 1906:

November and December, 1906—Emma J. Fowler, instructing patients,

Department of Health..... \$45 78

October, November and December, 1906—Underwood Typewriter Company, cleaning and oiling typewriting machines, Board of City Record..... 4 50

The action of the Secretary was approved.

The following vouchers for payment of salary to persons not regularly employed by The City of New York for special services rendered to the City during the periods indicated were approved under the provisions of Rule XII., paragraph 4:

March 12, 1907—Dr. John E. Dusseldorf, Physician, Brooklyn Disciplinary Training School..... \$2 00

March 19, 1907—Anthony E. Wollmers, Stenographer, Brooklyn Disciplinary Training School..... 3 00

March 20, 1907—J. G. Buhler, Typewriting, Department of Public Charities..... 1 25

March 25, 1907—Miss S. E. Hoadley, Proofreader, Department of Public Charities..... 10 00

The following vouchers for payment of salary to persons not regularly employed by The City of New York for special services rendered to the City during the periods indicated were approved under the provisions of Rule XIX., clause 11:

February, 1907—Mary Shandley, Cleaner, Fire Department..... \$6 00

February, 1907—Thomas Rice, cleaning walks, lawns and drives, Brooklyn Disciplinary Training School..... 2 00

The following vouchers for payment of salary to persons not regularly employed by The City of New York for special services rendered to the City during the periods indicated were certified to as being exempt from the provisions of the Civil Service Rules:

March, 1907—Bryan L. Kennelly, Real Estate Expert, Department of Finance..... \$500 00

March 19, 1907—Charles Eastmond, M. D., Physician, Department of Finance..... \$30 00

The following requests for restoration to the eligible lists indicated were granted:

Herbert C. Hill, No. 330 Clermont avenue, Brooklyn, Transitman and Computer, Borough of The Bronx. Declined appointment in that borough on August 8, 1906, but stated that declination was really due to illness.

Fred Eisen, No. 178 Van Buren street, The Bronx, Inspector of Sewer Construction. Made affidavit that he never received notice from the President of the Borough of Richmond and consequently could not report on December 3, 1906.

Oscar C. Hays, No. 345 East Thirty-third street, Assistant Engineer. Notice from Board of Water Supply was returned by the Post Office authorities on February 21, 1907, marked "not found," the same having been addressed to State College, Pa., instead of his residence in New York.

John M. Connolly, No. 150 Bergen street, Brooklyn, Stenographer and Typewriter, Board of Water Supply, at a salary of \$900 per annum. Stated that his circumstances had so changed that he was willing to accept that salary if given another opportunity.

Charles F. Werber, No. 843 Glenmore avenue, Brooklyn, Clerk (first to fourth grade). Stated that when he declined appointment in the Tenement House Department on January 28, 1907, he was under contract with his employer and could not leave.

The Secretary was directed to note the change of name of Miss Ruth Fairchild to Mrs. Ruth Fairchild Hooker on the eligible list of Monitor.

A letter was presented from the Chairman of the Memorial and Executive Committee, Grand Army of the Republic, Kings County, dated April 3, protesting against the increases in salary from \$4 to \$4.93 a day of a number of Inspectors in the Bureau of Highways, Borough of Brooklyn, on the ground that a number of veterans in the Department were ignored in granting such increases. The communication was ordered filed.

A letter was presented from John J. Winters, No. 55 Doscher street, Brooklyn, requesting a rerating of his technical paper in the recent examination for Inspector of Foods (milk), and stating that, in view of the confusion in the examination room after the departure of the Chief Examiner at four o'clock he was unable to do himself justice. The communication was referred to the Chief Examiner for a report.

The requests of Thomas Kerr and Timothy Mahoney, that their names be restored to the preferred list of Rammer, Borough of The Bronx, were granted, the first named candidate having been prevented by illness from answering the notice of appointment sent him and Mahoney having been induced to sign a declination of the position offered him through a misapprehension of its contents.

The Commission then adjourned to meet Wednesday, April 17, 1907, at ten o'clock in the forenoon.

FRANK A. SPENCER, Secretary.

## METEOROLOGICAL OBSERVATORY OF THE DEPARTMENT OF PARKS.

Abstract of Registers from Self-recording Instruments for the Week Ending April 13, 1907.

Central Park, The City of New York—Latitude,  $40^{\circ} 45' 58''$  N. Longitude,  $73^{\circ} 57' 58''$  W. Height of Instruments Above the Ground, 53 feet; Above the Sea, 97 feet.

## BAROMETER.

| DATE.<br>April.                     | 7 a. m.                    |                            |                            | 9 p. m.                    |                            |          | Mean for<br>the Day. | Maximum.                   |       | Minimum.                   |       |
|-------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------|----------------------|----------------------------|-------|----------------------------|-------|
|                                     | Reduced<br>to<br>Freezing. | Reduced<br>to<br>Freezing. | Reduced<br>to<br>Freezing. | Reduced<br>to<br>Freezing. | Reduced<br>to<br>Freezing. | Time.    |                      | Reduced<br>to<br>Freezing. | Time. | Reduced<br>to<br>Freezing. | Time. |
| Sunday, 7                           | 30.100                     | 30.010                     | 29.900                     | 30.003                     | 30.100                     | 9 a. m.  | 29.812               | 12 p. m.                   |       |                            |       |
| Monday, 8                           | 29.540                     | 29.478                     | 29.504                     | 29.507                     | 29.812                     | 9 a. m.  | 29.446               | 12 p. m.                   |       |                            |       |
| Tuesday, 9                          | 29.274                     | 29.000                     | 29.050                     | 29.108                     | 29.446                     | 9 a. m.  | 28.996               | 3 p. m.                    |       |                            |       |
| Wednesday, 10                       | 29.070                     | 29.100                     | 29.300                     | 29.157                     | 29.354                     | 12 p. m. | 29.008               | 1 a. m.                    |       |                            |       |
| Thursday, 11                        | 29.470                     | 29.516                     | 29.636                     | 29.541                     | 29.654                     | 12 p. m. | 29.354               | 1 a. m.                    |       |                            |       |
| Friday, 12                          | 29.060                     | 29.590                     | 29.534                     | 29.595                     | 29.666                     | 4 a. m.  | 29.480               | 12 p. m.                   |       |                            |       |
| Saturday, 13                        | 29.434                     | 29.434                     | 29.474                     | 29.447                     | 29.480                     | o a. m.  | 29.420               | 4 a. m.                    |       |                            |       |
| Mean for the week .....             |                            |                            |                            | 29.479 inches.             |                            |          |                      |                            |       |                            |       |
| Maximum " at 9 a. m., April 7 ..... |                            |                            |                            | 30.100 "                   |                            |          |                      |                            |       |                            |       |
| Minimum " at 3 p. m., April 9 ..... |                            |                            |                            | 28.996 "                   |                            |          |                      |                            |       |                            |       |
| Range " .....                       |                            |                            |                            | 1.104 "                    |                            |          |                      |                            |       |                            |       |

Mean for the week .....  |  |  | 29.479 inches. |  |  |  |  |  |  |  |Maximum " at 9 a. m., April 7 .....  |  |  | 30.100 " |  |  |  |  |  |  |  |Minimum " at 3 p. m., April 9 .....  |  |  | 28.996 " |  |  |  |  |  |  |  |Range " .....  |  |  | 1.104 " |  |  |  |  |  |  |  |

## THERMOMETERS.

| DATE.<br>April.                      | 7 a. m.   |           |           | 9 p. m.                         |           |           | Mean. | Maximum.           |          | Minimum.  |         | Maximum. |  |
|--------------------------------------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-------|--------------------|----------|-----------|---------|----------|--|
|                                      | Dry Bulb. | Wet Bulb. | Dry Bulb. | Wet Bulb.                       | Dry Bulb. | Wet Bulb. |       | Dry Bulb.          | Time.    | Wet Bulb. | Time.   |          |  |
| Sunday, 7                            | 36        | 33        | 43        | 39                              | 36        | 39.3      | 36.0  | 44                 | 1 p. m.  | 39        | 3 p. m. | 35       |  |
| Monday, 8                            | 40        | 38        | 43        | 41                              | 41        | 39.1      | 39.3  | 44                 | 4 p. m.  | 41        | 5 p. m. | 38       |  |
| Tuesday, 9                           | 36        | 34        | 37        | 34                              | 38        | 36.0      | 34.6  | 41                 | 12 p. m. | 38        | 9 a. m. | 33       |  |
| Wednesday, 10                        | 40        | 37        | 43        | 40                              | 39        | 35.6      | 37.6  | 44                 | 3 p. m.  | 40        | 3 p. m. | 35       |  |
| Thursday, 11                         | 40        | 35        | 48        | 41                              | 47        | 44.5      | 40.0  | 51                 | 5 p. m.  | 45        | 7 p. m. | 37       |  |
| Friday, 12                           | 41        | 38        | 50        | 48                              | 45        | 43.5      | 43.0  | 53                 | 1 p. m.  | 48        | 6 a. m. | 38       |  |
| Saturday, 13                         | 42        | 40        | 45        | 42                              | 45        | 42.4      | 40.1  | 43                 | 3 p. m.  | 42        | 8 a. m. | 40       |  |
| Mean for the week .....              |           |           |           | 41.8 degrees .....              |           |           |       | 38.8 degrees ..... |          |           |         |          |  |
| Maximum " at 1 p. m., April 12 ..... |           |           |           | 53 " at 2 p. m., April 12 ..... |           |           |       | 48 "               |          |           |         |          |  |
| Minimum " at 9 a. m., April 9 .....  |           |           |           | 35 " at 9 a. m., April 9 .....  |           |           |       | 33 "               |          |           |         |          |  |
| Range " .....                        |           |           |           | 18 "                            |           |           |       | 15 "               |          |           |         |          |  |

## WIND.

| DATE.<br>April. | Direction. |         |         | Velocity in Miles.       |                          |                          | Force in Pounds per Square Foot. |         |         |         |            |             |
|-----------------|------------|---------|---------|--------------------------|--------------------------|--------------------------|----------------------------------|---------|---------|---------|------------|-------------|
|                 | 7 a. m.    | 2 p. m. | 9 p. m. | 9 p. m.<br>to<br>7 a. m. | 7 a. m.<br>to<br>2 p. m. | 2 p. m.<br>to<br>9 p. m. |                                  | 7 a. m. | 2 p. m. | 9 p. m. | Max.       | Time.       |
| Sunday, 7       | ENE        | ESE     | ESE     | 30                       | 71                       | 60                       | 161                              | 0       | 1       | 1 1/4   | 2          | 4:50 p. m.  |
| Monday, 8       | ENE        | N       | NE      | 103                      | 61                       | 35                       | 199                              | 2 1/4   | 0       | 1/4     | 2 3/4      | 7:30 a. m.  |
| Tuesday, 9      | ENE        | N       | NW      | 94                       | 90                       | 38                       | 222                              | 1       | 1 1/2   | 0       | 3 1/2      | 11:30 p. m. |
| Wednesday, 10   | W          | WNW     | NW      | 118                      | 119                      | 74                       | 311                              | 2 3/4   | 6       | 0       | 8 1/4      | 3:10 p. m.  |
| Thursday, 11    | NW         | NNE     | NW      | 59                       | 73                       | 24                       | 156                              | 0       | 1/4     | 0       | 1 1/2      | 10:10 a. m. |
| Friday, 12      | NE         | ESE     | ESE     | 25                       | 21                       | 17                       | 63                               | 0       | 0       | 0       | 1/2        | 2:30 a. m.  |
| Saturday, 13    | NNW        | NNE     | NNW     | 15                       | 25                       | 65                       | 65                               | 0       | 0       | 1/4     | 9:10 p. m. |             |

Distance traveled during the week .....  |  |  | 1,177 miles. |  |  |  |  |  |  |  |  |  |Maximum force during the week .....  |  |  | 8 1/4 pounds. |  |  |  |  |  |  |  |  |  |

| DATE.<br>April. | Hygrometer.     |                    |         | Clouds.          |         |         | Rain and Snow.                    | Ozone.             |                 |           | Special or Trust Accounts. |                |
|-----------------|-----------------|--------------------|---------|------------------|---------|---------|-----------------------------------|--------------------|-----------------|-----------|----------------------------|----------------|
|                 | Force of Vapor. | Relative Humidity. | Mean.   | Clear, Overcast. | o.      | 10.     | Depth of Rain and Snow in Inches. | Time of Beginning. | Time of Ending. | Duration. | Amount of Water.           | Depth of Snow. |
| Sunday, 7       | 7 a. m.         | 2 p. m.            | 9 p. m. | 7 a. m.          | 2 p. m. | 9 p. m. | 7 a. m.                           | 2 p. m.            | 9 p. m.         | 10        | —                          | 2              |
| Monday, 8       | 149             | 186                | 173     | 169              | 70      | 67      | 72                                | 69                 | 8 Cu            | 10        | 10                         | —              |
| Tuesday, 9      | 203             | 231                |         |                  |         |         |                                   |                    |                 |           |                            |                |

and requesting the Board of Estimate and Apportionment to take such action as may be necessary and proper for the acquisition of the lands and premises above described.

Transferring the following named Principal, as indicated below, to take effect March 15, 1907:

Schedule I. (b).

| Name.                 | From<br>District. | School. | To<br>District. | School. |
|-----------------------|-------------------|---------|-----------------|---------|
| Frank A. Schmidt..... | 3                 | 34      | 16              | 30      |

Appointing the following named person as Principal of an Elementary School in the district indicated, to take effect March 15, 1907:

Schedule I. (b).

| Name.                     | District. |
|---------------------------|-----------|
| Israel E. Goldwasser..... | 3         |

Appointing Emma Lane as a Teacher of Drawing for the elementary schools of The City of New York, to take effect March 15, 1907.

Finding Sidney M. Fuerst guilty of having inflicted corporal punishment upon Joseph Nary, Frederick Bohner, Jacob Kaufman and Samuel Kalish, and has violated the by-laws of this Board in that respect; that he is not guilty of the other charges preferred against him, and further suspending Sidney M. Fuerst as a punishment, in addition to the suspension heretofore ordered, without pay, from acting as Principal in said school for a further period, which shall terminate twenty days after the adoption of this report.

Appointing the following named persons to the positions to which they have been respectively nominated in the Manual Training High School, their appointments taking effect March 5, 1907:

Elizabeth Maginn, Assistant Teacher; subject, French.  
Mildred E. Miller, Junior Teacher; subject, English.  
Harold C. Leonard, Assistant Teacher; subject, German.  
Celeste C. Swenson, Assistant Teacher; subject, Latin.  
Herbert J. McCreary, Assistant Teacher; subject, mathematics.  
Louis Gottschall, Junior Teacher; subject, mathematics.

Appointing the following-named persons to the positions for which they have been respectively nominated in high schools, their appointments taking effect March 5, 1907:

Boys' High School.  
Charles E. Hughes, Junior Teacher; subject, biology.  
Bryant High School.  
Rachel Schaffer, Assistant Teacher; subject, stenography and typewriting.  
Richmond Hill High School.  
Royal L. Henderson, Junior Teacher; subject, biology.

Newtown High School.

Henry B. Slater, Assistant Teacher; subject, commercial branches.

Appointing the following-named persons to the positions for which they have been respectively nominated in high schools, their appointments taking effect March 5, 1907:

Morris High School.

Blanche T. Austin, Assistant Teacher; subject, biology. (In place of Myra S. Chatterton, deceased.)

Jamaica High School.

Henry Greenberg, Junior Teacher; subject, German.

Appropriating the sum of eight thousand nine hundred and eight dollars and eighty-six cents (\$8,908.86) from premiums derived from the sale of Corporate Stock issued by the Comptroller pursuant to sections 47 and 169 of the revised Charter, said sum to be applied in payment of the bills to be incurred by the Committee on Buildings with the Superintendent of State Prisons, for and on behalf of the Board of Education, for new furniture for various schools and for grates for various schools, as per our specifications and at prices fixed by the State Board of Classification, as follows:

Public School 22, Borough of Queens.

|  |          |
|--|----------|
| 24 chairs, style "A," wooden seats.....            | \$48 00  |
| 12 chairs, style "B," wooden seats.....            | 36 00    |
| 1 No. 34½ hall settee, 6 feet long.....            | 27 00    |
| 6 N. Y. E. chairs.....                             | 21 00    |
| 8 desks, No. 13.....                               | 104 00   |
| 8 tables, No. 402.....                             | 44 00    |
| 1 table, No. 53, 5 feet long, 2 drawers.....       | 11 50    |
| 262 pieces Capitol adjustable desks and seats..... | 1,098 50 |

\$1,390 00

Public School 23, Borough of Queens.

|  |          |
|--|----------|
| 24 chairs, style "A," wooden seats.....              | \$48 00  |
| 13 chairs, style "B," wooden seats.....              | 39 00    |
| 4 chairs, style E.....                               | 14 00    |
| 9 tables, No. 402.....                               | 49 50    |
| 1 table, No. 404.....                                | 8 50     |
| 2 tables, No. 53, 5 feet long, 2 drawers.....        | 23 00    |
| 1 table, No. 405, 2 drawers.....                     | 20 00    |
| 2 rockers, No. 27.....                               | 4 00     |
| 9 desks, No. 13.....                                 | 117 00   |
| 400 pieces adjustable (Triumph) desks and seats..... | 1,627 10 |

1,950 10

Public School 3, Borough of Richmond.

|  |            |
|--|------------|
| 571 pieces New York adjustable desks and seats.....      | \$2,591 10 |
| 1 dozen steel wrenches.....                              | 1 80       |
| 9 teachers' desks, No. 13.....                           | 117 00     |
| 3 dozen chairs, style "A".....                           | 72 00      |
| 8 chairs, style "B".....                                 | 24 00      |
| 3 tables, No. 404.....                                   | 25 50      |
| 2 dozen stools, No. 38, 18 inches high, rubber tips..... | 17 00      |
| 2 dozen stools, No. 38, 22 inches high, rubber tips..... | 17 00      |
| 1 card index case, 4 double drawers.....                 | 12 00      |

2,677 40

Public School 4, Borough of Richmond.

|  |            |
|--|------------|
| 414 pieces N. Y. adjustable desks and seats..... | \$1,734 30 |
| 1 dozen steel wrenches.....                      | 1 80       |
| 1 roll-top desk, No. 65, golden oak.....         | 37 00      |
| 7 teachers' desks, No. 13.....                   | 91 00      |
| 1 dozen chairs, style "A".....                   | 24 00      |
| 8 chairs, style "B".....                         | 24 00      |
| 1 dozen chairs, style No. 24.....                | 12 00      |
| 6 chairs, style "E".....                         | 21 00      |
| 1 chair, style "D".....                          | 6 00       |
| 1 table, No. 405, 2 drawers.....                 | 20 00      |
| 2 tables, No. 404.....                           | 17 00      |
| 1 index case, 4 double drawers.....              | 12 00      |

2,000 10

Public School 4, Borough of Manhattan.

|  |          |
|--|----------|
| 2 sets Mahony grates, 60 by 60 inches, 53½ square feet, per square foot, \$4.50..... | \$240 00 |
| 12 extra sections, 649 pounds, per pound, 4½c.....                                   | 29 21    |
| 8 tie bars, 370 pounds, per pound, 4½c.....  | 16 65    |

285 86

Public School 25, Borough of Manhattan.

|   |         |
|---|---------|
| 1 set Mahony grates, 46 by 54 inches, 17½ square feet, per square foot, \$4.50..... | \$77 63 |
| 6 extra sections, 293 pounds, per pound, 4½c.....                                   | 13 18   |
| 6 extra tie bars, 162 pounds, per pound, 4½c.....                                   | 7 29    |

98 10

Public School 42, Borough of The Bronx.

|   |        |
|---|--------|
| 4 sets stationary grates, 60 by 64 inches, 106½ square feet, at \$2.50..... | 266 67 |
|---|--------|

240 63

\$8,908 86

—requisition for said sum being hereby made upon the Comptroller.

Appropriating the sum of two hundred and eighty-five dollars and fifty cents (\$285.50) from the School Building Fund, said sum to be applied in payment of the following bills:

|  |         |
|--|---------|
| Henry G. Opdycke, City Surveyor, dated January 23, 1907, for preparing maps and plans of the property selected as a school site on Suydam street and Willoughby avenue, near St. Nicholas avenue, Borough of Brooklyn..... | \$62 50 |
|--|---------|

106 00

|   |        |
|---|--------|
| Henry G. Opdycke, City Surveyor, dated February 11, 1907, for preparing maps and plans of the property selected as a school site on Hester and Baxter streets, adjoining Public School 130, Borough of Manhattan..... | 117 00 |
|---|--------|

285 50

—said bills having been incurred by authority of the Committee on Sites, being incidental and necessary in the proceedings to acquire the before-mentioned property for school purposes.

Adopted.

Mr. Adams, on behalf of the Committee on Buildings, offered the following: Resolved, That the action of the Committee on Buildings in appointing the following-named persons whose names were certified by the Municipal Civil Service Commission, on the dates and at the rates of compensation mentioned be and it is hereby approved and ratified:

|   |
|---|
| Martin Schauer, No. 93 Concord street, Brooklyn, Wireman, appointed February 28, 1907, \$4 per day. |
|---|

|   |
|---|
| Frank J. O'Connor, No. 1701 Madison avenue, Manhattan, Draughtsman's Helper, appointed March 4, 1907, \$17.50 per week. |
|---|

|  |
|--|
| H. T. Butler, No. 871 St. Mark's avenue, Brooklyn, Electrical Inspector, appointed March 4, 1907, \$30 per week. |
|--|

Approving and ratifying the action of the Committee on Buildings in granting the loan of old furniture to the institutions hereinafter named:

Hope Farm, Verbanks, N. Y., fifty desks and seats.

St. Michael's Parochial School, Flushing, Queens, one teacher's desk.

Approving the action of the Committee on Buildings in accepting the resignation of Hans Tradelius, Draughtsman's Helper, in the Bureau of Buildings, to take effect March 15, 1907.

Suspending subdivision 5 of section 31 of the by-laws, for the purpose of paying the following bills incurred under circumstances of an emergency nature:

|  |          |
|--|----------|
| A. R. Brown, De Witt Clinton High School, Manhattan, 350 writing shelves for the opera chairs in auditorium..... | \$675 00 |
|--|----------|

543 00

Approving and ratifying the action of the Committee on Buildings in appointing the following-named persons, whose names were certified by the Municipal Civil Service Commission, on the dates and at the rates of compensation mentioned:

<table border="1

Margaret Duignan, Cleaner, from Public School 3, Queens, to Public School 80, Queens, \$600 per annum, March 1, 1907.

Viola Smith, Cleaner, from Public School 30, Queens, to Public School 10, Queens, \$600 per annum, March 11, 1907.

Charles E. Smith, Cleaner, from Public School 79, Queens, to Public School 30, Queens, \$912 per annum, March 11, 1907.

Considering the following named persons, who have absented themselves from duty without leave for more than five days, as having resigned, in accordance with subdivision 2 of Rule XIII. of the Municipal Civil Service Commission, which provides that absence without leave for a period of five days shall be construed as a resignation:

George W. Thatcher, Janitor, Bridge Public School 1, Manhattan.

Ettie B. Sullivan, Cleaner, Manual Training High School, Brooklyn.

Annie Rooney, Cleaner, Public School 81, Queens.

Approving and ratifying the action of the Committee on Care of Buildings in assigning Daniel Mulcahey, Cleaner in Public School 5, Borough of Queens, as Cleaner in charge of Public School 5, Borough of Queens, temporarily, from March 9, 1907, at a compensation at the rate of \$83.33 per month.

Approving and ratifying the action of the Committee on Care of Buildings in fixing the salaries of the following named Cleaners at the amounts set opposite their names (in accordance with the schedule of salaries of Cleaners adopted by the Board of Education December 26, 1906), the same taking effect on the date mentioned in each case:

Charles Herbst, Morris High School, The Bronx, \$600, March 1, 1907.

Catherine Schultheis, Morris High School, The Bronx, \$480, March 1, 1907.

Sarah H. Elliott, Manual Training High School, Brooklyn, \$480, March 1, 1907.

Jean Winchester, Manual Training High School, Brooklyn, \$480, March 1, 1907.

Thomas Heany, Jr., Public School 27, Queens, \$540, February 1, 1907.

Mary Whitney, Public School 83, Queens, \$480, March 1, 1907.

Walter Hulce, Jamaica Training School, Queens, \$480, February 1, 1907.

Edwin Davis, Public School 17, Richmond, \$600, February 1, 1907.

Approving and ratifying the action of the Committee on Care of Buildings in fixing the compensation for the care of each of the following named annexes at the amount named, the same taking effect on the date mentioned in each case:

Public School 59, Annex, Brooklyn, \$300, January 1, 1907.

Public School 30, Annex, Queens, \$912, March 11, 1907.

Public School 68, Annex, Queens, \$864, March 1, 1907.

Approving and ratifying the action of the President in suspending, without pay, John Daly, Janitor of Public School 50, Borough of Brooklyn, on March 5, 1907, and Thomas F. Hughes, Janitor of Public School 180, Borough of Manhattan, and Patrick Jennings, Janitor of Public School 5, Borough of Queens, on March 9, 1907, pending the trial of charges.

Approving and ratifying the action of the Committee on Care of Buildings in assigning Frank Bergen, Janitor of Public School 77, Borough of Manhattan, to the temporary care of Public School 42 (new), Borough of The Bronx, on March 1, 1907, at a salary of \$100 per month.

Consenting, in accordance with a request received from the President of the Borough of Manhattan, to the transfer of William Hildenbrand, Cleaner in Public School 188, Borough of Manhattan, to the office of the President of the Borough of Manhattan.

Approving and ratifying the action of the Committee on Care of Buildings in granting permission to the Public Education Association to use Public School 14, Borough of Richmond, for the purpose of giving free concerts on Sunday afternoons, during the months of March, April, May and June, 1907.

Authorizing the Superintendent of the New York Nautical School to admit to said school Charles Edwin Ball and Elmer Barnette, both of whom are under sixteen years of age, and that all by-laws and parts of by-laws inconsistent herewith be suspended for the purposes of this resolution.

The following preamble and resolution were adopted:

Whereas, The Committee on Buildings is in receipt of sundry estimates from contractors for additional work under their contracts, as follows:

Estimate of Clarke & Stowe, contractors for the general construction of

Public School 27, Manhattan..... \$350 00

(For enlarging the workshop according to Drawing No. 30 and building the necessary partitions on the easterly side.)

Estimate of Juan B. Arci, contractor for the general construction of

Teachers' Training School, Brooklyn..... \$1,725 00

(For building retaining wall, making all repairs in connection with cement pavements, altering fence and railing, etc.)

Whereas, The Superintendent of School Buildings reports that these estimates are reasonable and that the work is necessary; therefore be it

Resolved, That the sum of two thousand and seventy-five dollars (\$2,075) be and the same is hereby appropriated from the proceeds of Corporate Stock, to be issued by the Comptroller pursuant to sections 47 and 169 of the Revised Charter, application for the issue of which is hereby made; said sum to be applied in full payment for extra cost to Clarke & Stowe and Juan B. Arci, contractors, for additional work in connection with their contracts, as hereinbefore stated; requisition for said sum being hereby made upon the Comptroller.

The Committee on Finance respectfully reports financial ability to make the appropriation mentioned in the foregoing resolution.

Whereas, A communication has been received from the Municipal Civil Service Commission to the effect that at a meeting held March 6, 1907, it approved the permanent appointment of Oscar Hoops as a Blue Printer in the Department of Education, with salary at the rate of \$30 per week, in accordance with the provisions of Rule XII., paragraph 5; therefore be it

Resolved, That the action of the Committee on Buildings, taken March 11, 1907, in making permanent the appointment of Oscar Hoops as Blue Printer in the Bureau of Buildings, at a rate of compensation of \$30 per week, be and it is hereby approved and ratified.

Whereas, A contract for the erection of a new building located at One Hundred and Nineteenth and One Hundred and Twentieth streets, between Second and Third avenues, Borough of Manhattan, was entered into by and between the Board of Education of the former City of New York and P. J. Walsh, contractor, on the twenty-second day of November, 1897; and

Whereas, The said contractor, on June 29, 1901, made an application for the final payment thereon, amounting to \$21,000, which application was approved by the Deputy Superintendent of School Buildings for the Borough of Manhattan on July 9, 1901; and

Whereas, Owing to the development of certain defects in the work said payment was not made; and

Whereas, Subsequently it was found that the fault was not chargeable or due to the contractor; and

Whereas, The contractor has made a claim upon this department for the payment of interest at the rate of 6 per cent. on the amount thus withheld, and has, through his attorney, consented and agreed, in writing, to accept, as a full, satisfactory and complete settlement for any and all damage, interest or other claim to which he might be entitled by reason of the retention of the moneys due him on his contract, interest from the aforesaid date, to wit, July 9, 1901, to March 9, 1907, at the rate of 3½ per cent.; therefore be it

Resolved, That the sum of four thousand one hundred and sixty-five dollars (\$4,165) be paid to the said P. J. Walsh as interest on the above-mentioned final payment, said sum (\$4,165) being in full settlement of all claims for interest on the above-mentioned final payment.

Mr. Adams, on behalf of the Committee on Buildings, offered the following:

Whereas, On March 4, 1907, the Committee on Buildings adopted a resolution requesting the Board of Aldermen to authorize the expenditure by the Board of Education of a sum not to exceed \$5,000 for repairing the damage caused by fire at Public School 86, Manhattan, without public advertisement and the letting of contracts; and

Whereas, On March 6, 1907, a copy of said resolution was transmitted to the President of the Board of Aldermen, which Board took affirmative action thereon on the same day; and

Whereas, This promptness on the part of the Board of Aldermen has made possible an early resumption of the usual activities in Public School 86 and relieved a critical situation; therefore be it

Resolved, That the Board of Education testifies its appreciation of the courtesy and spirit of co-operation manifested by the Board of Aldermen, and hereby tenders to said Board sincere thanks for the promptness of its action in the matter specified.

Whereas, Certain day school Teachers, who are also employed as Teachers in evening schools, were subpoenaed as witnesses upon the trial of Sidney M. Fuerst, Principal of Public School 55, Borough of Brooklyn, and were unable to attend the sessions of their respective evening schools on the dates hereinafter specified, their failure to so attend being through no fault or delinquency on their part; and

Whereas, It would appear to be equitable that they should receive compensation as if they had rendered service in the evening schools on the dates referred to; therefore be it

Resolved, That the following-named evening school Teachers receive regular compensation for the dates mentioned below as if they had rendered regular service on said dates:

Esther A. Schuller, Evening School 43, March 5, 1907.

Mary V. Corrigan, Evening School 123, March 5, 1907.

May R. Pearsall, Evening School 55, February 26, March 5, 1907.

Fannie P. Dunbar, Evening School 17, March 5, 1907.

Whereas, An application has been received from the Boys' Athletic Association of the Flushing High School, located in Public School Building 20, Borough of Queens, for the use of the assembly hall, gymnasium and four classrooms in said building, for the purpose of giving a dramatic entertainment, the proceeds of which are to be used for the benefit of the Athletic Association, and also to give a reception to the athletic teams; and

Whereas, Said application has been approved by the Principal of the Flushing High School, who states that it was customary for many years, both before consolidation and also under the Borough School Board, for such use to be made of the school building, and further states that similar applications were always cheerfully granted, and that the athletic teams have won a high reputation and deserve a generous support; and

Whereas, Said application was also approved at a meeting of the Local School Board of District No. 43, held February 18, 1907; therefore be it

Resolved, That permission be granted to the Boys' Athletic Association of the Flushing High School to use the assembly hall, gymnasium and four classrooms in Public School 20, Borough of Queens, for the purposes above mentioned, on the evening of Monday, April 15, 1907.

Whereas, The Board of Education holds two mortgages, aggregating \$22,000, on certain premises in The City of New York known as Nos. 541, 543 and 545 Ninth avenue, made and executed by Sarah H. and Elizabeth A. Pattison, one of said mortgages, dated April 18, 1883, being for \$16,000, and the other of said mortgages, dated November 9, 1897, being for \$6,000; and

Whereas, The owners of said premises have requested the Board of Education to consent to the release, conveyance and payment of certain damages caused by the operation of the elevated railroad in front of said premises; and

Whereas, The College of The City of New York is the beneficial owner of said mortgages, although the legal title is in the Board of Education; therefore be it

Resolved, That, when requested by the Trustees of the College of The City of New York, the President and the Secretary of the Board of Education are hereby authorized and directed to execute and deliver a consent that the owners of said premises release the Manhattan Railway Company, the Interborough Rapid Transit Company and the New York Elevated Railroad Company from all claims for damages by reason of the operation of said railways, and also for the conveyance to the Manhattan Railway Company and the New York Elevated Railroad Company of all their interest in Ninth avenue and the land forming the bed thereof, and all easements therein appurtenant to said premises as are or may be necessary for the maintenance and operation of the said railroad in the future, and for the payment to the said owners by the said railway companies of a sum of money in consideration of said release and conveyance.

On motion, all absent members were excused for non-attendance at this meeting.

On motion, the Board adjourned at 6:40 o'clock p. m.

A. EMERSON PALMER, Secretary.

## POLICE DEPARTMENT.

April 8, 1907.

The following proceedings were this day directed by the Acting Police Commissioner:

On reading and filing copy of resolution adopted by the Commissioners of the Sinking Fund April 3, 1907, viz.:

Resolved, That the resolution adopted by this Board, at a meeting held January 30, 1907, authorizing a renewal of the lease to the City of premises situated at the corner of Coney Island and Foster avenues, Borough of Brooklyn, for the use of the Police Department, be and the same is hereby rescinded, and copy of resolution of the Commissioners of the Sinking Fund, adopted April 3, 1907, authorizing the execution of a lease of premises northeast corner of Lawrence avenue and Ocean boulevard, from Minerva J. Neilson, lessor, for the term of two years from May 1, 1907, at the annual rental of \$1,200, for the purposes of a station house for the Seventy-second Police Precinct.

Ordered, That the Inspector of Repairs and Supplies be and is hereby directed to make the necessary repairs upon said premises at the northeast corner of Lawrence avenue and Ocean boulevard for the purposes of a station house for the Seventy-second Precinct, and that during the month of April the necessary steps be taken to transfer all the property of the Police Department from premises corner of Coney Island and Foster avenues, in the Borough of Brooklyn, to the said new station house for the Seventy-second Precinct.

Ordered, That the lessors of premises corner of Coney Island and Foster avenues, in the Borough of Brooklyn (Messrs. Seger & Gross, Nos. 42 to 50 West Sixty-seventh street, New York City), be notified that the Police Department will not renew lease of premises after the expiration of the term thereof, May 1, 1907.

Ordered, That the Commissioners of the Sinking Fund be and are hereby respectfully requested to authorize the Police Commissioner to establish, provide and furnish the premises northeast corner of Lawrence avenue and Ocean boulevard, in the Borough of Brooklyn, as a station house for the Seventy-second Police Precinct, for the accommodation thereof of members of the Police Force and as a place of temporary detention for persons arrested and property taken within the said precinct, and also to provide and furnish such business accommodations, apparatus and articles and provide for the care thereof, as shall be necessary for the Department of Police and the transaction of the business of the Department.

Ordered, That the Commissioners of the Sinking Fund be and are hereby respectfully requested to authorize the Police Commissioner to establish, provide and furnish the premises No. 120 West Twentieth street, in the Borough of Manhattan, as a station house for a new Precinct to be established by dividing the Nineteenth Precinct, for the accommodation thereof of members of the Police Force and as a place of temporary detention for persons arrested and property taken within the said precinct, and also to provide and furnish such business accommodations, apparatus and articles and provide for the care thereof, as shall be necessary for the Department of Police and the transaction of the business of the Department.

Ordered, That the Commissioners of the Sinking Fund be and are hereby respectfully requested to authorize the Police Commissioner to establish, provide and furnish the premises No. 98 John street, running through to No. 17 Platt street, in the Borough of Manhattan, as a station house for the First Police Precinct, for the accommodation thereof of members of the Police Force and as a place of temporary detention for persons arrested and property taken within the said precinct, and also to provide and furnish such business accommodations, apparatus and articles and provide for the care thereof, as shall be necessary for the Department of Police and the transaction of the business of the Department.

Referred to the Comptroller.

Requisition No. 86, Police Fund, Salaries of Inspectors, Surgeons and the Uniformed Force, \$37,090.56; No. 87, Department of Health, Sanitary Police, 1907, \$162.80; No. 88, Police Fund, 1906, \$28.01, and No. 89, Police Fund, 1905, \$17.92.

## Disapproved.

Application of Plaza Amusement Company (Anton Potruck, President), Nos. 829 and 831 Broadway, Brooklyn, for appointment of John Mullen as Special Patrolman.

Application of James Thom, Amsterdam avenue and One Hundred and Ninety-third street, Manhattan, for appointment of John Tites as Special Patrolman.

## Concert Licenses Granted.

George H. Huber, Huber's Casino, One Hundred and Sixty-second street and Jerome avenue, The Bronx, from April 13, 1907, to July 13, 1907, \$150.

Sam Bernstein, Trocadero Music Hall, One Hundred and Ninety-first street and Amsterdam avenue, Manhattan, from date granted for three months, \$150.

## Masquerade Ball Permit Granted.

Roos & Hochwart, Palm Garden, Brooklyn, April 6; fee, \$10.

## On File, Send Copy.

Reports of Acting Sergeant in Command of Boiler Squad, dated April 5 and 6, 1907, relative to engineers' licenses granted. For publication in the CITY RECORD.

Copies of resolutions of Commissioners of the Sinking Fund regarding lease of No. 98 John street, Manhattan, Lawrence avenue and Ocean boulevard, Brooklyn, Coney Island and Foster avenues, Brooklyn, and No. 42 North Prince street, Flushing, Queens, as follows:

"Resolved, That the Corporation Counsel be and is hereby requested to prepare a lease to the City from Francis L. Glover of the premises No. 98 John street, running through to No. 17 Platt street, in the Borough of Manhattan, for use of the Police Department, for a period of two years, from May 1, 1907, at an annual rental of six thousand dollars (\$6,000), payable quarterly, the City to pay for light, heat, janitor service, water rent, taxes and fire insurance therein and make all the repairs to the interior and exterior of the building during the term of the lease, and at the expiration of the lease, should the owner so elect to leave the whole or any part of any improvements which may be made by the City to the building upon said premises and to surrender at the end of the term thereof in as good state and preservation as when received, wear and tear and damage by the elements excepted; the Commissioners of the Sinking Fund deeming the said rent fair and reasonable and that it would be for the interests of the City that such lease be made, the Comptroller be and is hereby authorized and directed to execute the same when prepared and approved by the Corporation Counsel, as provided by sections 149 and 217 of the Greater New York Charter."

"Resolved, That the Corporation Counsel be and is hereby requested to prepare a lease to the City from Minerva J. Neilson of the premises on the northeasterly corner of Lawrence avenue and Ocean boulevard, Borough of Brooklyn, for the use of the Police Department for a station house for the Seventy-second Police Precinct, for a period of two years from May 1, 1907, at an annual rental of twelve hundred dollars (\$1,200), payable quarterly, with the privilege of renewal upon the same terms and conditions for a further term of two years, the City to make the necessary repairs and pay the water rent for the premises; and the Commissioners of the Sinking Fund, deeming the said rent fair and reasonable, and that it would be for the interests of the City that such lease be made, the Comptroller be and is hereby authorized and directed to execute the same, when prepared and approved by the Corporation Counsel, as provided by sections 149 and 217 of the Greater New York Charter."

"Resolved, That the resolution adopted by this Board at meeting held January 30, 1907, authorizing a renewal of the lease to the City of premises situated at the corner of Coney Island and Foster avenues, Borough of Brooklyn, for the use of the Police Department, be and the same is hereby rescinded."

"Resolved, That the resolution adopted by this Board at meeting held January 30, 1907, authorizing a renewal of the lease to the City of premises No. 42 North Prince street, Flushing, Borough of Queens, for the use of the Police Department, for a period of five years from May 1, 1907, at an annual rental of twelve hundred dollars (\$1,200), be and the same is hereby amended by substituting 'fifteen hundred dollars (\$1,500)', as the rental in place of 'twelve hundred dollars (\$1,200)'."

Copies to the Inspector of Repairs and Supplies, to the Bookkeeper, and as to resolutions relating to premises in Brooklyn and Queens, to the First Deputy Commissioner.

Special Orders Nos. 79 and 80, issued April 6 and 8, 1907, respectively, are hereby made part of the proceedings of the Acting Police Commissioner.

## Special Order No. 79.

The following assignment is hereby ordered:

To take effect 8 p. m., April 8, 1907:

## Patrolman

Percy L. Quesenbury, Sixty-ninth Precinct, assigned to clerical duty in precinct.

The following temporary assignments are hereby ordered:

## Sergeant

Hugh J. Canlon, Eightieth Precinct, assigned to command precinct, during absence of Captain Cornelius G. Hayes with leave for one day, from 12:01 a. m., April 6, 1907.

## Roundsman.

John Shay, Eightieth Precinct, assigned as Acting Sergeant in precinct, during absence of Captain Cornelius G. Hayes, with leave for one day, from 12:01 a. m., April 6, 1907.

Archibald McCauley, Sixty-third Precinct, assigned as Acting Sergeant in precinct during absence of Sergeants at drill, from 1 p. m., April 5, 1907.

## Patrolman.

James Burke, Forty-ninth Precinct, assigned as Driver of patrol wagon in precinct during absence of Patrolman John Cully on vacation, from 12 midnight, April 6, 1907.

The following extensions of temporary assignments are hereby ordered:

## Roundsman.

Joseph Harrington, Sixty-second Precinct, to Brooklyn Borough Headquarters Squad, for five days, from 8 a. m., April 6, 1907.

## Patrolmen.

James Doyle, Sixty-second Precinct, and Harry McAvoy, Seventy-seventh Precinct, to Brooklyn Borough Headquarters Squad, for five days, from 8 a. m., April 6, 1907.

William J. Donoher, Forty-sixth Precinct, to Brooklyn Borough Headquarters Squad, for five days, from 12 noon, April 6, 1907.

Edward F. Rayens, First Precinct, to District Attorney's office, New York County, for five days, from 6 p. m., April 7, 1907.

The following members of the Department are excused as indicated:

## Captains.

Charles A. Formosa, Sixty-eighth Precinct, for twelve hours, from 9 a. m., April 8, 1907.

Denis J. Brennan, Thirty-sixth Precinct, for twelve hours, from 10 a. m., April 9, 1907.

The following leave of absence is hereby granted with half pay:

## Patrolman.

Patrick McGowan, Forty-ninth Precinct, for one-half day, from 12 noon, April 6, 1907.

The following leaves of absence are hereby granted without pay:

## Patrolmen.

Dennis J. Sheridan, Forty-ninth Precinct, for four days, from 12 noon, April 4, 1907.

Edward Larkin, Forty-ninth Precinct, for two days, from 12:01 a. m., April 5, 1907.

August W. Henne, Forty-fourth Precinct, for three and one-half days, from 12 noon, April 4, 1907.

George H. Schmoll, Fifty-second Precinct, for three days, from 12 noon, April 6, 1907.

The resignations of the following Special Patrolmen are hereby accepted:

Michael J. McDonald, employed by Breslin Hotel Company, Broadway and Twenty-ninth street, Manhattan.

Bernard J. Connolly, employed by Cadillac Hotel, Forty-third street and Broadway, Manhattan.

William Wagner, employed by Joseph Breitkopf, Congress Hall, No. 2682 Atlantic avenue, Brooklyn.

Charles Schecher and Thomas L. Smith, employed by Tebo Yacht Basin Company, foot of Twenty-third street, South Brooklyn.

Patrick J. Buckley, employed by Broadway Trust Company, No. 756 Broadway, Manhattan.

Thomas Baldwin, employed by Grand Central Hall, Leonard and Scholes streets, Brooklyn.

ARTHUR J. O'KEEFFE, Acting Police Commissioner.

## Special Order No. 80.

The following member of the Force is hereby relieved and dismissed from the Police Force and Service and placed on the roll of the Police Pension Fund, and is awarded the following pension:

To take effect 12 midnight, April 8, 1907:

## Patrolman.

Anton Andesner, Third Precinct, on his own application, at \$700 per annum. Appointed March 20, 1875.

The following resignations are hereby accepted:

To take effect 12 midnight, April 8, 1907:

## Patrolman.

George F. Seidel, Twenty-first Precinct.

To take effect 6 p. m., April 5, 1907:

## Probationary Patrolman.

John Donahue, Seventeenth Precinct.

The following temporary assignments are hereby ordered:

## Sergeant.

Raphael Schulum, Twelfth Precinct, assigned to command precinct, during absence of Captain Thomas H. Mannion on sick leave, from 12 noon, April 6, 1907.

## Roundsmen.

Peter I. Tighe, Fourth Precinct, assigned as Acting Sergeant in precinct, during absence of Sergeant John J. Lussier on sick leave, from 7:15 a. m., April 6, 1907.

John E. Nelson, Fifty-eighth Precinct, assigned as Acting Sergeant in precinct during absence of Sergeant on sick leave, from 4 p. m., April 6, 1907.

## Matron.

Margaret Gardiner, Ninth Precinct, assigned to Twenty-first Precinct during absence of Matron Essie McCarthy on sick leave, from 6 p. m., April 5, 1907.

The following extensions of temporary assignments are hereby ordered:

## Patrolmen.

Thomas A. Dwyer and Irving E. Schramm, Forty-fourth Precinct, to duty in plain clothes, in Eighth Inspection District, for five days, from 12 noon, April 7, 1907.

Henry L'Heureux, Ninth Precinct, and Francis A. P. Flynn, Twelfth Precinct, to Fifth Inspection District, duty in plain clothes, for five days, from 6 p. m., April 9, 1907.

John F. Finley, Fifty-seventh Precinct, and Charles B. Smith, Twenty-fifth Precinct, to Fifth Inspection District, duty in plain clothes, for five days, from 6 p. m., April 8, 1907.

The following temporary assignments are hereby discontinued:

From 8 a. m., April 8, 1907:

## Roundsman.

Joseph Harrington, Sixty-second Precinct, to Brooklyn Borough Headquarters Squad.

## Patrolmen.

James Doyle, Sixty-second Precinct; William J. Donoher, Forty-sixth Precinct, and Harry McAvoy, Seventy-seventh Precinct, to Brooklyn Borough Headquarters Squad.

The following leaves of absence are hereby granted with half pay:

## Patrolmen.

Joseph P. Larkin, Forty-eighth Precinct, for one-half day, from 12 noon, April 6, 1907.

Arthur D. J. Primont, Third Precinct, for one-half day, from 12 noon, April 8, 1907.

The following leaves of absence are hereby granted without pay:

## Patrolmen.

William L. Youngs, Jr., Fifty-sixth Precinct, for one day, from 12 noon, April 10, 1907.

George E. Barnitz, Forty-fourth Precinct, for two days, from 12 noon, April 6, 1907.

Henry Rohling, Sixty-seventh Precinct, for three days, from 12 noon, April 7, 1907.

Joseph P. Laux, Sixth Precinct, for three days, from 12 noon, April 8, 1907.

Patrick J. Stack, Third Precinct, for one day, from a. m., April 9, 1907.

## Doorman.

Matthias Johnston, Fifty-ninth Precinct, for one day, from 12 noon, April 8, 1907.

The following members of the Department are excused as indicated:

## Captains.

Henry W. Burfeind, Thirtieth Precinct, for twelve hours, from 9 a. m., April 10, 1907, with permission to leave city.

Louis Kreuscher, Thirty-third Precinct, for twelve hours, from 12 noon, April 9, 1907.

The following advancements to grades are hereby ordered:

## Patrolmen.

To \$1,400 Grade, March 31, 1907.

John W. Matthews, Third Precinct.

Alfred Mendelsohn, Twenty-ninth Precinct.

William S. Irvine, Fifty-fourth Precinct.

James Horan, Central Office.

Henry V. Durnin, Sixteenth Precinct.

Morgan J. Callahan, Thirty-third Precinct.

George Wischebrink, Fifty-fourth Precinct.

John H. Norwood, Brooklyn Borough Headquarters Squad.

To \$1,400 Grade.

Frederick C. Fell, Twenty-sixth Precinct, February 28, 1907.

Robert A. Smith, Eightieth Precinct, March 24, 1907.

## To \$1,350 Grade, March 26, 1907.

John Scanlon, Third District.  
Matthew Nelson, Central Office.  
Frederick Apfel, Jr., Fifth Precinct.  
James Robinson, Seventieth Precinct.  
Frank L. Carey, Third Precinct.

## To \$1,350 Grade.

Edward J. Sullivan, Thirty-eighth Precinct, March 8, 1907.  
John S. Meadows, Sixty-first Precinct, March 20, 1907.  
Jacob Lowenheim, Fourteenth Precinct, March 27, 1907.

## To \$1,250 Grade.

Joseph Duane, Thirty-fifth Precinct, January 30, 1907.  
Thomas J. Carmody, Twenty-sixth Precinct, March 1, 1907.  
Eugene J. Conran, Forty-sixth Precinct, March 21, 1907.

## To \$1,150 Grade.

Andrew J. Riordan, Twelfth Precinct, March 23, 1907.

## To \$1,000 Grade, February 23, 1907.

Thomas F. Shanahan, Third Precinct.  
Joseph M. Evans, Twenty-second Precinct.  
Augustin F. Sexton, Twenty-seventh Precinct.  
Timothy J. Gannon, Forty-fourth Precinct.  
John J. Mahoney, Seventeenth Precinct.  
Charles Bohan, Twenty-second Precinct.  
John F. Sheahan, Thirty-second Precinct.  
Owen Comiskey, Forty-sixth Precinct.

## To \$1,000 Grade, March 22, 1907.

James T. Gilroy, Second Precinct.  
Frederick C. Mutter, Thirteenth Precinct.  
Jacob A. Arras, Twenty-fourth Precinct.  
Bernard Mellon, Twenty-eighth Precinct.  
James J. Donnelly, Fifty-seventh Precinct.  
August Leopold, Sixty-fourth Precinct.  
Patrick C. Kelly, Seventy-fifth Precinct.  
James P. Le Strange, Second Precinct.  
Max E. O. Ermisch, Fifteenth Precinct.  
Gustav H. Korneman, Twenty-eighth Precinct.  
William Dunn, Thirty-fifth Precinct.  
Howard D. Smith, Fifty-eighth Precinct.  
William Hogan, Seventy-fifth Precinct.  
Matthew F. Davey, Eighty-fourth Precinct.

## To \$1,000 Grade, March 23, 1907.

Joseph Meyers, Sixty-fifth Precinct.  
James H. Manifold, Seventy-sixth Precinct.

## To \$1,000 Grade, March 27, 1907.

James P. Gaffney, Twelfth Precinct.  
Eli A. Rosencrans, Thirty-fifth Precinct.  
Joseph E. Trefzger, Fifteenth Precinct.

## To \$900 Grade.

James S. Rice, Forty-ninth Precinct, March 5, 1907.

Amendment—So much of Special Order No. 78, paragraph 7, April 5, 1907, as reads "Patrolman James F. Casey, Seventy-second Precinct," is hereby amended to read "Patrolman James F. Carey, Seventy-second Precinct."

The appointment of the following Special Patrolman is hereby revoked:

P. G. Kampe, employed by Brooklyn Rapid Transit System, No. 168 Montague street, Brooklyn.

ARTHUR J. O'KEEFFE, Acting Police Commissioner.

## POLICE DEPARTMENT.

April 9, 1907.

The following proceedings were this day directed by the Acting Police Commissioner:

## Disapproved.

Applications of Thomas Chifalo, No. 170 Avenue A, Manhattan, for appointment of Thomas Chifalo; C. Appignani, proprietor, Ferrando's Music Hall, No. 184 Sullivan street, Manhattan, for appointment of Otto Heintz; United Cigar Stores Company, C. A. Whelan, No. 141 West Seventeenth street, for appointment of Lewis M. Nicholson and James J. Lee, president United Brotherhood of Railway Expressmen, No. 140 Nassau street, for appointment of Harry H. Bockhorn (requesting that he be excused from wearing regular uniform) as Special Patrolman.

## Concert Licenses Granted.

George Bonhag, Bonhag's Pavilion, Clifton avenue and Old Bowery Bay road, North Beach, Queens, from March 30, 1907, to June 30, 1907; fee, \$150.

Fred B. Henderson & Co., Inc., Henderson's Music Hall, Henderson's Walk and Bowery, Coney Island, Brooklyn, from April 1, 1907, to July 1, 1907; fee, \$150.

John T. Rowe, Inman's Casino, Henderson's Walk and Bowery, Coney Island, Brooklyn, from April 6, 1907, to July 6, 1907; fee, \$150.

Frederick Erbe, Erbe's Casino, Maple avenue, North Beach, Queens, from March 30, 1907, to June 30, 1907; fee, \$150.

## Masquerade Ball Permit Granted.

Chas. Bolger, Beck's Casino, Brooklyn, April 6; fee, \$10.

Special Order No. 81, issued this day, is hereby made part of the proceedings of the Acting Police Commissioner.

## Special Order No. 81.

The following resignations are hereby accepted:

To take effect as of 6 p. m., April 4, 1907:

## Patrolman.

Germain M. Soule, Tenth Precinct.

To take effect as of 6 p. m., April 4, 1907:

## Probationary Patrolman.

Madison C. Kerr, Tenth Precinct.

The following temporary assignments are hereby ordered:

## Inspector.

Thomas Murphy, Ninth Inspection District, assigned to command Eleventh Inspection District, in addition to his own district, during absence of Inspector Donald Grant, with leave and on vacation, from 12:01 a. m., April 7, 1907.

## Patrolmen.

William Blanchard, Sixty-second Precinct, assigned as Driver of patrol wagon in precinct, during absence of Patrolman Thomas M. Hill, on vacation, from 12:01 a. m., April 8, 1907.

Richard E. Forte, Fifty-fourth Precinct, assigned as Acting Doorman in precinct, during absence of Doorman on sick leave, from 6 p. m., April 8, 1907.

The following extensions of temporary assignments are hereby ordered:

## Detective Sergeants.

Edward J. Burns, Nicholas Brindley and Frederick G. Parker, Detective Bureau, Brooklyn, to Sixty-fifth Precinct, for five days, from 12 midnight, April 8, 1907.

## Patrolmen.

Frederick Lynch, William Keighler and Walter Walsh, Brooklyn Borough Headquarters Squad, to Sixty-fifth Precinct, for five days, from 12 midnight, April 8, 1907.  
John H. Jones, Sixty-fifth Precinct, to Brooklyn Borough Headquarters Squad, for five days, from 12 noon, April 8, 1907.

Joseph F. Reichert, Sixth Precinct, and Daniel T. Scannell, Twenty-ninth Precinct, to District Attorney's office, New York County, for five days, from 4 p. m., April 9, 1907.

The following members of the Department are excused as indicated:

## Captains.

John Becker, Sixty-sixth Precinct, for twelve hours, from 5 p. m., April 11, 1907.  
Denis F. Ward, Sixty-seventh Precinct, for twelve hours, from 12 noon, April 9, 1907.

Bernard J. Hayes, Seventy-fifth Precinct, for twelve hours, from 8 a. m., April 15, 1907.  
John W. O'Connor, Ninth Precinct, for twelve hours, from 6 p. m., April 12, 1907.

Henry Halpin, Twenty-sixth Precinct, for twelve hours, from 11 a. m., April 10, 1907.  
Bernard Gallagher, Eighty-first Precinct, for twelve hours, from 10 a. m., April 15, 1907.

Michael Naughton, 40th Precinct, for twelve hours, from 12 noon, April 9, 1907.

## Sergeant in Command.

Fred J. Mott, Forty-second Sub-Precinct, for twelve hours, from 8 a. m., April 9, 1907, with permission to leave the City.

The following leave of absence is hereby granted with full pay:

## Inspector.

Donald Grant, Eleventh Inspection District, for ten days, from 12:01 a. m., April 8, 1907, to be deducted from vacation.

The following leaves of absence are hereby granted without pay:

## Inspector.

Donald Grant, Eleventh Inspection District, for one day, from 12:01 a. m., April 7, 1907.

## Sergeant.

Patrick McDonald, Forty-eighth Precinct, for two days, from 12 midnight, April 8, 1907.

## Patrolmen.

James J. Fitzgerald, Forty-ninth Precinct, for two days, from 12:01 a. m., April 8, 1907.

Charles J. McMurray, Fifty-third Precinct, for one and one-half days, from 12 noon, April 7, 1907.

Charles O. Davis, Ninth Precinct, for one day, from 12 noon, April 10, 1907.

William Falger, First Precinct, for two days, from 12 midnight, April 8, 1907.

## Probationary Patrolman.

John M. Madigan, Forty-seventh Precinct, for three days, from 12 noon, April 8, 1907.

The following leaves of absence are hereby granted with half pay:

## Roundsman.

Edward P. Dailey, Sixty-first Precinct, for one-half day, from 12 noon, April 8, 1907.

## Patrolmen.

John F. Donohue, Sixty-first Precinct, for one-half day, from 12 midnight, April 8, 1907.

Charles P. Mooney, Sixty-first Precinct, for one-half day, from 12 midnight, April 8, 1907.

John McNamara, Forty-sixth Precinct, for one-half day, from 12 midnight, April 8, 1907.

The resignations of the following Special Patrolmen are hereby accepted:

Cornelius D. Bradley, employed by Brooklyn Rapid Transit System, No. 168 Montague street, Brooklyn.

A. Luxenburg, employed by M. Gross, No. 17 Division street, Manhattan.

Edward Fritz, employed by F. X. Duer, Second avenue, Seventh and Eighth streets, College Point, L. I.

Michael Kane, employed by Chelsea Exchange Bank, No. 266 West Thirty-fourth street, Manhattan.

Henry O. Corbett, employed by Mutual Life Insurance Company, No. 34 Nassau street, Manhattan.

The appointment of the following Special Patrolman is hereby revoked:

Ole C. Lund, employed by Holmes Electric Protective Company, Church and Dey streets, Manhattan.

ARTHUR J. O'KEEFFE, Acting Police Commissioner.

## POLICE DEPARTMENT.

Sanitary Company (Boiler Squad),  
New York, April 12, 1907.

Hon. THEODORE A. BINGHAM, Police Commissioner:

Sir—In compliance with orders relative to engineers' certificates issued by me under section 312 of chapter 410 of the Laws of 1882 as amended, the following report will show the names of the persons to whom licenses were issued, class of license and location for the same issued during the twenty-four hours ending 12 midnight, April 12, 1907:

Frank L. Tallman (first class), No. 62 Greene street.

James W. Hand (first class), No. 106 Bleecker street.

William Denton (first class), Blackwell's Island.

Samuel Cowan (first class), No. 253 Broadway.

Nicholas Wade (first class), No. 21 State street, Brooklyn.

Nicholas Rohr (first class), Gardner avenue and Beadel street, Brooklyn.

John Scatchard (first class), No. 37 South Ninth street, Brooklyn.

Harlon A. Harris (first class), No. 82 Hamilton avenue, Brooklyn.

Patrick Ryan (first class), Broad Street Boulevard, Brooklyn.

William S. Relyea (second class), No. 50 West Sixty-seventh street.

Harry Brooks (second class), No. 32 Broadway.

Geo. Langbridge (second class), No. 17 John street.

Benjamin B. Titcomb (second class), No. 262 Mott street.

Christian F. Piehl (second class), No. 1728 Broadway.

William H. Waite (second class), foot of Keap street, Brooklyn.

Henry Geyer (second class), No. 58 Townsend street, Brooklyn.

Geo. W. Flanagan (second class), St. Nicholas avenue and Stanhope street, Brooklyn.

William Bryant (second class), No. 229 Hudson avenue, Brooklyn.

Patrick Sullivan (second class), No. 89 Washington avenue, Brooklyn.

Joseph S. Hayes (third class), No. 26 Exchange place, Jersey City.

William W. Staats (third class), Pier No. 37, North river.

Michael J. Philbin (third class), No. 5 Silvan place.

John H. Egan (third class), No. 417 East Forty-eighth street.

Gustav Coen (third class), No. 276 Fifth avenue.

Daniel F. Haven (third class), No. 114 East One Hundred and Twenty-fifth street.

Chas. H. Adams (third class), No. 93 William street.

Daniel J. Walker (third class), No. 2582 Park avenue.

Oscar Magnuson (third class), No. 143 Liberty street.

Chas. Olsen (third class), No. 550 West Twenty-ninth street.

Christian B. Hebble (third class), Two Hundred and Thirty-fourth street and Albany avenue.  
 John H. De Grasse (third class), St. George, Staten Island.  
 Edward Black (third class), Rector and Greenwich streets.  
 Stephen M. Farrell (third class), No. 215 West Thirty-third street.  
 Gilbert N. Vail (third class), No. 640 West Thirty-ninth street.  
 Dennis Brennan (third class), No. 25 Broad street.  
 Michael Lynch (third class), Pajide avenue and Setauket street, Brooklyn.  
 William H. Burr (third class), No. 293 Douglass street, Brooklyn.  
 Chas. Klosset (third class), Woodhaven and Myrtle avenues, Brooklyn.  
 Chas. Anderson (third class), foot of Twentieth street, Brooklyn.  
 Hugh Mallon (third class), Bushwick avenue and Garden street, Brooklyn.  
 John L. Weber (third class), No. 745 Classon avenue, Brooklyn.  
 Louis C. Hagens (third class), No. 242 Huron street, Brooklyn.  
 John Hilton (third class), Backus dock, Flushing creek, Brooklyn.  
 Reinold J. Moline (third class), Riker avenue and Bowery Bay road, Brooklyn.  
 Bernard Goodwin (third class), No. 899 Albert street, Long Island City.  
 Joseph Goodwin (third class), foot of Blackwell street, Brooklyn.  
 Andrew Dempsey (third class), No. 65 Ninth street, Brooklyn.  
 John F. Dunker (special), No. 8 Stone street.  
 Chas. A. O'Neill (special), fire boat, "Wm. Strong."  
 John J. Bowen (special), No. 365 Jay street, Brooklyn.  
 George Breit (special), No. 55 Morgan street, Brooklyn.

Respectfully submitted,

JOSEPH F. QUINN,  
 Acting Sergeant in Command, Sanitary Company.

POLICE DEPARTMENT.

Sanitary Company (Boiler Squad),  
 New York, April 13, 1907.

Hon. THEODORE A. BINGHAM, Police Commissioner:

Sir—In compliance with orders relative to engineers' certificates issued by me under section 312 of chapter 410 of the Laws of 1882 as amended, the following report will show the names of the persons to whom licenses were issued, class of license and location for the same issued during the twenty-four hours ending 12 midnight, April 13, 1907:

John Dunne (first class), No. 125 West Fifty-fourth street.  
 William T. Wheeler (first class), No. 349 Sixth avenue.  
 Chas. S. Smith (first class), No. 219 East Forty-third street.  
 John Panzenbeck (first class), No. 144 Mulberry street.  
 Frederick Cutter (second class), No. 203 West One Hundred and Twelfth street.  
 William P. F. Hill (second class), One Hundred and Ninth to One Hundred and Tenth streets and Amsterdam avenue.  
 John Magee (second class), foot Whitehall street.  
 James W. Sheehy (second class), Fifty-fifth street and First avenue, Brooklyn.  
 John McAuley (third class), foot East Seventh street.  
 Harry H. Lawson (third class), Grand Central Station.  
 Farrington O. Peacock (third class), Park avenue and Second street, Williamsbridge.  
 Frederick Ebert (third class), No. 688 Broadway.  
 Peter J. Brady (third class), No. 1 West One Hundred and Thirty-ninth street.  
 Wallace Rogers (third class), No. 510 West Twenty-third street.  
 Theron A. Bingham (third class), No. 34 Chambers street.  
 Daniel Newton (third class), Third avenue and One Hundred and Twenty-first street.  
 Thomas Terton (third class), foot of Java street, Brooklyn.  
 Abram Lane (third class), No. 2848 Cortlandt street, Brooklyn.  
 William C. Scanlon (third class), Varick and Stagg streets, Brooklyn.  
 Samuel F. Bowen (third class), Flushing and Highland avenues, Brooklyn.

Respectfully submitted,

JOSEPH F. QUINN,  
 Acting Sergeant in Command, Sanitary Company.

DEPARTMENT OF DOCKS AND FERRIES.

New York, March 4, 1907.

The following communications were received, action being taken thereon as noted, to wit:

From the Commissioners of the Sinking Fund (71283)—Calling attention to the resolution adopted March 19, 1902, providing that the Commissioner of Docks shall accompany his recommendation for the lease of a pier by detailed information as to the cost of the pier, the rate of rentals on the piers adjoining, etc., and asking that the terms of the resolution be complied with in future recommendations. Filed.

From the Municipal Civil Service Commission—

1 (71488). Approving the rescinding of the discharge of George V. Marion, Dockbuilder. Marion reinstated as Dockbuilder, with compensation at the rate of 43 3/4 cents per hour while employed.

2 (71452). Approving the transfer of Louis J. Morse from the position of Inspector of Regulating, Grading and Paving in the office of the President of the Borough of Brooklyn to a similar position in this Department. Morse transferred and appointed at \$1,500 per annum, to take effect at once.

From Edgar H. Mott (71237)—Requesting permission to construct a sheet pile bulkhead and fill in rear of same on the Far Rockaway side of Jamaica Bay, Borough of Queens, about 147 feet easterly of Cornell avenue. Permit granted, the work to be done under the supervision of the Engineer-in-Chief in accordance with plans submitted, and to be kept within the lines of the property owned by Mott, it being understood and agreed that the City does not waive any rights it may have or claim to have in and to any portion of the premises.

From the New York Central and Hudson River Railroad Company (71351)—Requesting permission to substitute a railroad fender along the southerly side of Pier (new) 23, North river, in place of the ferry rack formerly located thereat. Permit granted, the work to be done under the supervision of the Engineer-in-Chief of this Department in accordance with plans submitted, it being a condition of the permit that the premises will be restored to their original condition whenever so ordered by the Commissioner of Docks.

From the New York City Railway Company (71209, 70636)—Accepting terms of this Department, under date of February 4, 1907, for a rearrangement of the track system between Twenty-second and Twenty-third streets, North river. Permit granted, the company to rearrange and reconstruct tracks between Twenty-second and Twenty-third streets, North river, in accordance with plans submitted, and to maintain such rearranged terminal tracks, aggregating 2,055 linear feet of trackage, compensation to be at the rate of \$1,111.72 per annum, payable quarterly in advance to the Cashier.

From the New York "Herald" (71327)—Requesting that space be set aside for its use in the new ferry terminal to be erected at Whitehall street, Manhattan, and that pending such erection a temporary space be set aside for use as a news bureau by the "Herald." Advised that a structure 15 by 13 feet in dimensions will be located at once between the boiler house and the express office, on westerly side of Whitehall Ferry terminal, to be used pending the completion of new ferry terminal; rental for the privilege to be at the rate of \$15 per month, payable monthly in advance to the Cashier of this Department; permit is revocable at the pleasure of the Commissioner and will expire by limitation of time on April 30, 1907.

From Richard Fitzpatrick (70905)—Requesting permission to use and occupy a berth 100 feet in length at the inner end of the inshore extension to the Bloomfield Street Pier 53, North river, for the unloading of coal boats. Privilege granted, to continue during the pleasure of the Commissioner until April 30, 1907, compensation to be at the rate of \$100 per month, payable monthly in advance to the Cashier of this Department.

From the Munson Steamship Line (71354)—Transmitting form of surety's agreement in reference to the subletting to the Atlantic Fruit Company of 280 feet on the

east side of Pier (new) 9, East river, and to the New York and New Jersey Steamboat Company of 175 feet on the west side of the pier. Filed.

From John W. Cole (71226)—Asking whether the Department intends to take action in reference to the injuries sustained by him on the ferryboat "Manhattan" on February 3, 1907. Notified that adjustment of claims is vested in the Comptroller.

From James Thompson & Sons (71125)—Requesting to be advised as to the law in relation to the berthing of small schooners between their dock (Bechtel's Dock and Basin, Stapleton, Staten Island) and Brady's Long Dock. Notified that the anchorage referred to is entirely within private property and under the owner's jurisdiction. An appeal to the Dockmaster of the district will settle any controversy that may arise.

From Andrew Hendrickson, Dockbuilder (71361)—Requesting a leave of absence for ten weeks, without pay, from February 23, 1907. Granted, subject to approval by Municipal Civil Service Commission.

From Stanley J. De Vere (71263)—Requesting reinstatement to the position of Deckhand in the Municipal Ferry service. Municipal Civil Service Commission requested to authorize reinstatement.

From William J. Flynn (71242)—Requesting reinstatement to the position of Oiler in this Department. Denied.

From the Engineer-in-Chief (71483)—Submitting specifications and form of contract for furnishing and delivering miscellaneous supplies. Ordered printed and advertised as Contract No. 1058.

From the Auditor (71341)—Recommending that the permit granted the Manhattan Transport Company to place and maintain a floating dumping board between One Hundred and Thirty-first street and Lexington avenue, Harlem river, be revoked as of the date of issuance, the company not having availed itself of the privilege. Permit revoked as recommended.

From John J. Herrick, Mechanical Engineer (71265)—Recommending that Cornelius Coughlin, Marine Stoker, be dropped from the list of employees of this Department for absence without leave for a period of over thirty days. Dropped as recommended.

From the Superintendent of Ferries—

1 (71485). Recommending that the compensation of Tony Assenatto, Dock Laborer, be changed from \$55 per month to 31 1/4 cents per hour. Compensation fixed as recommended at the rate of 31 1/4 cents per hour while employed, to commence March 20, 1907.

2 (71339). Reporting disabling of ferryboat "Stapleton" on February 19, 1907, the air pump refusing to work and temporarily affecting the boat's engines; stating also that the boat has since been repaired and placed in commission. Filed.

3 (71338). Transmitting report of Captain Charles M. Bunce, ferryboat "South Brooklyn," in relation to the attempted suicide of a passenger from the boat on February 18, 1907. Filed.

Joseph C. Williams (71407) was appointed to the position of Deckhand, with compensation at the rate of \$60 per month while employed.

Dennis J. Shea (71408) was appointed to the position of Dock Laborer, with compensation at the rate of \$55 per month while employed.

The Municipal Civil Service Commission was requested to authorize the reassignment of William J. White, Marine Stoker, absent on account of illness since April 7, 1906.

The Municipal Civil Service Commission was requested to authorize the reassignment of Patrick F. McDonald, Dock Laborer, who worked last on December 12, 1906, McDonald having presented physician's certificate as to his illness.

The following Department orders were issued:

| No.    | Issued To and For.   | Price.   |
|--------|--|----------|
| 23219. | Obrig Camera Company, photographic supplies (estimated).....                                 | \$100 00 |
| 23220. | M. Kane & Sons, 50 days' use of two-horse truck and driver for removal of snow, per day..... | 7 00     |
| 23221. | Brooklyn Auto Company, storage of car No. 1192 for month of March, 1907 .....                | 22 50    |

J. W. SAVAGE, Secretary.

New York, March 5, 1907.

The following communications were received, action being taken thereon as noted, to wit:

From the Municipal Civil Service Commission (71533)—Authorizing the reassignment of Patrick F. McDonald as Dock Laborer in the Department. McDonald ordered reassigned to work.

From the President of the Borough of Manhattan (71389)—Requesting consent to the transfer to his office of James E. Lawlor, Dock Laborer. Consent granted.

|  |
|--|
| Sealed bids or estimates were received and opened for repairing the municipal ferryboats or other floating property of the Department and for furnishing and delivering miscellaneous supplies therefor under Contract No. 1049, as follows: |
| James Reilly Repair and Supply Company..... \$68,880 00  |
| Columbia Engineering Works..... 96,095 00  |
| John F. Walsh, Jr..... 98,855 00   |
| James Shewar & Sons..... 56,010 42   |
| John W. Sullivan..... 108,032 50   |
| James Tregarthen & Son..... 73,400 00  |
| Monad Engineering Company..... 79,247 00   |

Action deferred.

J. W. SAVAGE, Secretary.

BOROUGH OF MANHATTAN

BUREAU OF BUILDINGS.

Operations for the Week Ending April 6, 1907.

|  |       |
|--|-------|
| Plans filed for new buildings (estimated cost, \$6,593,700)..... | 28    |
| Plans filed for alterations (estimated cost, \$349,655).....     | 106   |
| Buildings reported as unsafe.....                                | 37    |
| Buildings reported for additional means of escape.....           | 7     |
| Other violations of law reported.....                            | 99    |
| Unsafe building notices issued.....                              | 73    |
| Fire escape notices issued.....                                  | 12    |
| Violation notices issued.....                                    | 187   |
| Unsafe building cases forwarded for prosecution.....             | 1     |
| Violation cases forwarded for prosecution.....                   | 16    |
| Iron and steel inspections made.....                             | 4,052 |

EDW. S. MURPHY,

Superintendent of Buildings, Borough of Manhattan.

William H. Class, Chief Clerk.

## THE BOARD OF ALDERMEN OF THE CITY OF NEW YORK.

[From the Proceedings of the Board of Aldermen of Tuesday, April 23, 1907.]

Nos. 1898 to 1898ag, Inclusive.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, April 17, 1907.

Hon. PATRICK F. McGOWAN, President, Board of Aldermen, City of New York:  
Dear Sir—In compliance with the resolution passed by your Honorable Body on April 16, 1907, a copy of which has been furnished us, we herewith transmit copies of all of the reports which we have made so far in the course of our examination of the office of the President of the Borough of Manhattan, as requested by the Hon. John F. Ahearn, Borough President, and as directed by his Honor the Mayor.

Respectfully,

JOHN C. HERTLE,  
GEORGE VON SKAL,  
Commissioners of Accounts.

No. 1898a.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, December 5, 1906.

Subject—Borough President, Manhattan, Years 1904 and 1905.

Expenditures for Car Fares, Telephone, Cab, Coach and Horse and Wagon Hire. Honorable Commissioners of Accounts, City:

Gentlemen—I beg leave to submit herein under separate classified schedules the results of an examination of the records of the Borough President's office, in Manhattan, relating to the expenditures allowed employees of the several bureaus of that office, for car fares, telephone, coaches, cabs and the hiring of horses and wagons during the years 1904 and 1905.

The President of the Borough is allowed to expend from the appropriation for Supplies and Contingencies the full amount of such appropriation, by requisition under authority of the Board of Aldermen by resolution adopted usually in the first month of each year, in the following language:

"Resolved, That for the purpose of defraying minor incidental expenses contingent to the offices of the Presidents of the various boroughs, each of the said Presidents of the various boroughs may, by requisition draw upon the Comptroller for a sum not exceeding five hundred dollars (\$500), and may in like manner renew the draft as often as may be deemed necessary, to the extent of the appropriation set apart for 'Contingencies' in his office during the year, but no such renewal shall be made until the money paid upon the preceding draft shall be accounted for to the Comptroller by the transmittal of a voucher or vouchers certified by the Presidents of the boroughs, covering the expenditure of the money paid thereon."

All other expenditures for fares, coach, horse and wagon hire are paid in the same manner as all other vouchers transmitted to the Finance Department.

On the vouchers requisitioned under the resolution of the Board of Aldermen above quoted appear the following, viz.:

Affidavit of each person incurring the liability certified to by the Commissioner of Public Works and the President of the Borough of Manhattan.

Certified to by the "Examiner of Accounts" of the Finance Department as being correct as to calculations and extensions; that the prices charged are reasonable and just, and that no prior claim for same has been presented or paid.

Certified to by the Auditor of the Department that the expenditure was lawfully incurred, charges reasonable and just, warrant correctly drawn, and that payment should be made from the fund designated.

Those vouchers emanating from the "Bureau of the Superintendent of Highways" for car fares and telephone are sworn to by the parties entitled to the moneys, and

by the Superintendent of Highways, and certified by the Superintendent of Supplies, Commissioner of Public Works and President of the Borough, and by the Finance Department, in the usual manner.

The Bureaus of the Chief Engineer and the Superintendent of Incumbrances have transmitted their vouchers in like manner, with the exception that they are not sworn to.

The vouchers for the hire of horse and wagon, or horse, wagon and driver are certified to by the heads of the Bureaus and the Borough President, and in the usual manner by the Finance Department, except that the bills are unsworn and not receipted, except that of the Chief Engineer.

Respectfully submitted,

Chief Examiner of Accounts.

## SCHEDULE No. 1.

The amount of \$92,292.41, as shown by the records, expended for car fares, etc., horse and wagon and coach hire during the years 1904 and 1905, was charged to the following accounts, viz.:

|  | 1904.                 | 1905.                 |
|--|-----------------------|-----------------------|
| General Administration—<br>Supplies and Contingencies  | \$7,385 94            | \$7,822 61            |
| Bureau of Engineers of Street Openings—<br>Supplies and Contingencies  | 168 85                | 165 04                |
| Bureau of Highways—<br>Boulevards and Avenues, Maintenance of.<br>Repairs, Renewals and Regrading            | 1,903 20<br>19,231 94 | 1,920 00<br>21,527 90 |
| Street Signs   | 770 00                |                       |
| Bureau of Incumbrances—<br>Removing Obstructions in Streets and Avenues                                      | 2,320 65              | 2,520 50              |
| Bureau of Sewers—<br>Repairing, Cleaning and Supplies  | 2,420 00              | 2,640 00              |
| Bureau of Public Buildings and Offices—<br>Supplies and Repairs, including public baths and comfort stations | 1,685 00              | 1,400 00              |
| Bureau of Buildings—<br>Contingencies and Emergencies  | 3,616 91<br>5,052 12  | 3,834 47<br>5,907 30  |
| Street Improvement Fund  |                       |                       |
| Total  | \$43,784 59           | \$48,507 82           |

## SCHEDULE No. 2.

The Purposes for Which the Expenditures Shown in the Foregoing (Schedule No. 1) Were Made, Are Classed as Follows:

| Nature of Expenditure.  | 1904.       | 1905.       |
|---|-------------|-------------|
| For carfare and telephones                                      | \$15,779 68 | \$17,570 52 |
| For incidental expenses   | 3,000 00    | 2,750 00    |
| For carfares, telephones and horse and wagon, at \$3.50 per day | 779 40      | 870 25      |
| For railroad fares and expenses                                 | .....       | 22 05       |
| For cab hire, at \$1.40 per month                               | 1,685 00    | 1,680 00    |
| For coach hire  | 524 00      | 420 00      |
| For horse and wagon hire, at \$1.40 per month                   | 14,895 48   | 17,085 00   |
| For horse and wagon hire, at \$80 per month                     | 6,761 03    | 7,680 00    |
| For board of horse  | 360 00      | 430 00      |
| Total   | \$43,784 59 | \$48,507 82 |

## SCHEDULE No. 3.

Coach, Cab, Horse and Wagon Service, Claimant's Name and Address, Purpose and for Whom Service Was Rendered, with the Amounts Paid in Each Instance Yearly.

| Payments To.                       | Address.                               | Purpose.                  | Service Rendered To.                           | Amount.     |             |
|------------------------------------|--|---------------------------|--|-------------|-------------|
|                                    |  |                           |  | 1904.       | 1905.       |
| New York Cab Company, Limited..... | No. 130 West Thirty-second street..... | Cab service.....          | Borough President.....                         | \$1,680 00  | \$1,680 00  |
| H. Rosenbloom .....                | No. 278 Madison street.....            | Cab.....                  | Borough President.....                         | 335 00      | 420 00      |
| H. Rosenbloom .....                | No. 278 Madison street.....            | Horse, wagon and driver.. | Superintendent of Street Signs.....            | .....       | 770 00      |
| Martin P. Byrnes.....              | No. 130 East Thirty-first street.....  | Horse, wagon and driver.. | Superintendent of Highways.....                | 1,512 90    | 1,680 00    |
| George Form .....                  | No. 94 Amsterdam avenue.....           | Horse, wagon and driver.. | Assistant Commissioner of Public Works....     | 1,562 58    | 1,680 00    |
| C. Farrell .....                   | .....                                  | Horse, wagon and driver.. | Assistant Commissioner of Public Works....     | 700 00      | .....       |
| Wm. Jones .....                    | No. 508 Eleventh avenue.....           | Horse, wagon and driver.. | Assistant Commissioner of Public Works....     | 980 00      | 1,680 00    |
| J. Mulligan .....                  | No. 248 West Twentieth street.....     | Horse, wagon and driver.. | Chief Engineer .....                           | 1,540 00    | 1,680 00    |
| P. A. Sullivan .....               | No. 102 Washington place.....          | Horse, wagon and driver.. | General Inspector, Health.....                 | .....       | 630 00      |
| Edw. Monaghan .....                | No. 65 Gouverneur street.....          | Horse, wagon and driver.. | Superintendent of Maintenance of Sewers....    | 1,540 00    | 1,680 00    |
| John McGovern .....                | No. 612 West Fifty-first street.....   | Horse, wagon and driver.. | Superintendent of Incumbrances.....            | 1,540 00    | 1,680 00    |
| James J. Smith .....               | No. 325 West Houston street.....       | Horse, wagon and driver.. | Superintendent of Public Buildings and Offices | 1,680 00    | 1,400 00    |
| W. Grandon .....                   | No. 1512 Lexington avenue.....         | Horse, wagon and driver.. | Superintendent of Construction.....            | 1,260 00    | 1,680 00    |
| J. J. Timmins .....                | .....                                  | Horse, wagon and driver.. | Superintendent of Sewers.....                  | 1,680 00    | 1,680 00    |
| S. Breidenburgh .....              | .....                                  | Horse and wagon.....      | General Foreman, Highways.....                 | 80 00       | .....       |
| T. P. Buckley .....                | .....                                  | Horse and wagon.....      | Principal Assistant Engineer.....              | 960 00      | 960 00      |
| Dennis Duff .....                  | No. 470 Eleventh avenue.....           | Horse and wagon.....      | General Foreman .....                          | 792 00      | 960 00      |
| M. Kane & Son .....                | .....                                  | Horse and wagon.....      | Assistant Engineer .....                       | 929 03      | 960 00      |
| C. McAuliffe .....                 | No. 26 Lewis street.....               | Horse and wagon.....      | General Inspector .....                        | 880 00      | 400 00      |
| Geo. Reilly .....                  | .....                                  | Horse and wagon.....      | General Foreman .....                          | 800 00      | 960 00      |
| P. A. Sullivan .....               | .....                                  | Horse and wagon.....      | General Inspector .....                        | .....       | 560 00      |
| J. J. Mara .....                   | No. 179 Amsterdam avenue.....          | Horse and wagon.....      | General Inspector .....                        | 880 00      | 960 00      |
| J. F. Ryan .....                   | .....                                  | Horse and wagon.....      | Chief Engineer of Construction.....            | 800 00      | 960 00      |
| Riverside Stable Company.....      | .....                                  | Horse and wagon.....      | Acting Assistant Engineer of Sewers.....       | 640 00      | 960 00      |
| F. C. Pitney .....                 | No. 65 East Eighty-fifth street.....   | Horse and wagon.....      | Acting Inspector .....                         | 546 00      | 605 50      |
| J. W. Pitney .....                 | .....                                  | Carriage hire.....        | Superintendent of Buildings.....               | 194 00      | .....       |
| Albert E. Crabtree .....           | .....                                  | Horse, wagon and driver.. | Superintendent of Buildings.....               | 900 00      | 845 00      |
| F. T. Bardusch .....               | .....                                  | Board of horse.....       | Chief Inspector .....                          | 120 00      | .....       |
| Wm. Connolly & Son.....            | .....                                  | Board of horse.....       | Chief Inspector .....                          | 240 00      | 430 00      |
|                                    |  | Total .....               |  | \$24,771 51 | \$27,900 50 |

## SCHEDULE No. 4

Individual Expenditures for Carfares and Telephones, Also Those Made by Heads of Departments, Embracing Claims Made by Their Employees, with the Name and Title of the Employee and the Amount Paid in Each Instance Yearly.

| Expended by and Position.                                  | Amount   | 1904.      | 1905. |
|--|----------|------------|-------|
| N. R. O'Connor, Chief Inspector.                           | \$148 30 | a \$194 60 |       |
| N. R. O'Connor, Chief Inspector.                           | 85 10    | b 70 15    |       |
| M. J. Browne, Principal Assistant Engineer.                | 159 60   | 88 15      |       |
| S. G. Burns, Bath Attendant.                               | 34 44    | 34 44      |       |
| Jacob Brodbeck, Bath Attendant.                            | 24 22    |            |       |
| J. H. Boswell, Bath Attendant.                             | 40 88    | 8 26       |       |
| J. B. Byrnes, Bath Attendant.                              | 37 80    | 40 12      |       |
| C. B. Coursen, Sewer Construction Inspector.               | 82 10    | 83 25      |       |
| J. J. Cashman, Foreman.                                    | 21 20    | 57 50      |       |
| P. B. Carroll, Bath Attendant.                             | 47 11    |            |       |
| Victor Corbett, Bath Attendant.                            | 7 91     |            |       |
| Richard V. Croker, Foreman.                                | 166 80   | 164 45     |       |
| J. A. Conway, Assistant Foreman.                           |          | 140 15     |       |
| L. Curtin, Assistant Foreman.                              |          | 119 06     |       |
| J. J. Carroll, Bath Attendant.                             |          | 3 78       |       |
| James Devine, Inspector.                                   | 89 90    | 89 10      |       |
| James Dooley, Bath Attendant.                              | 11 62    | 8 26       |       |
| S. A. Darcy, Bath Attendant.                               | 3 36     |            |       |
| William Dalton, Laborer, Public Baths.                     | 55 60    |            |       |
| William M. Duffy, Bath Attendant.                          | 5 88     |            |       |
| J. K. Darragh, Foreman.                                    | 19 60    | 12 10      |       |
| M. Flood, Carpenter.                                       | 9 80     | 9 52       |       |
| O. F. Farley, Bath Attendant.                              | 97 20    | 88 70      |       |
| Frank Ferguson, Assistant Foreman.                         | 6 06     |            |       |
| J. J. Feely, Bath Attendant.                               |          | 7 56       |       |
| John Fitzgerald.   | 7 56     | 27 24      |       |
| James Ferguson, Inspector.                                 |          | 30 50      |       |
| S. Fitzsimmons, Assistant Foreman.                         |          | 1 85       |       |
| Edw. Friday, Mason's Helper.                               |          | 2 80       |       |
| Edw. F. Furey, Bath Attendant.                             |          |            |       |
| G. L. Gilespie.  | 10 08    |            |       |
| G. S. Gilfellen, Bath Attendant.                           | 11 90    |            |       |
| Thomas F. Gerretty, Foreman, Public Buildings and Offices. | 185 55   | 195 25     |       |
| James J. Gaw, Foreman, Public Buildings and Offices.       | 141 10   | 154 20     |       |
| J. A. Ginley, Axeman.                                      | 68 55    | 82 85      |       |
| J. J. Gorman, Bath Attendant.                              |          | 11 48      |       |
| J. Heller, Bath Attendant.                                 | 24 64    |            |       |
| Edw. Hyde, Jr., Foreman, Public Baths.                     | 116 06   | 120 55     |       |
| Gustav Haustein, Carpenter.                                | 11 14    |            |       |
| J. Hyland, Bath Attendant.                                 |          | 11 62      |       |
| J. Hammond, Foreman.                                       |          | 46 90      |       |
| Isaac Jacob, Assistant Foreman.                            |          | 32 70      |       |
| G. J. H. Jaekel, Bath Attendant.                           |          | 3 22       |       |
| F. J. Kavanagh, Bath Attendant.                            | 32 76    | 34 72      |       |
| S. Kennedy.  | 37 66    | 39 62      |       |
| W. J. Kenny, Bath Attendant.                               |          | 4 76       |       |
| J. D. Keogh, Bath Attendant.                               |          | 7 00       |       |
| J. J. Lynch, Foreman.                                      | 140 45   | 120 20     |       |
| J. W. Lamb, Bath Attendant.                                | 95 22    |            |       |
| Morris Levey, Bath Attendant.                              | 15 40    | 8 26       |       |
| H. J. Mallally, Bath Attendant.                            | 35 98    | 11 20      |       |
| J. G. Mahoney, Tinsmith.                                   | 77 00    | 105 60     |       |
| John Mulvihill, Assistant Foreman.                         | 13 50    | 146 25     |       |
| J. J. Madden, Bath Attendant.                              | 4 34     |            |       |
| M. F. McGroarty, General Foreman.                          | 155 63   | 168 45     |       |
| T. P. McGlynn, Foreman, Public Baths.                      | 61 85    | 61 60      |       |
| Edward McVey, Foreman, Public Baths.                       | 93 00    | 96 85      |       |
| Charles McGloin, Assistant Foreman.                        | 110 75   | 105 30     |       |
| R. L. McNicol, Inspector of Sewers.                        | 96 50    | 117 15     |       |
| W. F. McCaffrey, Foreman, Public Baths.                    | 56 85    | 93 50      |       |
| J. P. McCarthy, Bath Attendant.                            | 60 75    | 196 46     |       |
| T. P. McMahon, Foreman, Public Baths.                      | 51 05    | 98 65      |       |
| J. McCarthy.   | 27 25    |            |       |
| P. B. McCahill, Bath Attendant.                            | 11 62    | 129 05     |       |
| J. F. McEvoy, Bath Attendant.                              |          | 2 66       |       |
| L. F. Osborne, Inspector.                                  | 111 90   | 114 80     |       |
| James O'Brien.   | 16 10    |            |       |
| Frank O'Brien, Bath Attendant.                             | 19 74    |            |       |
| J. J. O'Keefe, Inspector.                                  | 64 10    | 68 04      |       |
| T. Redican, Bath Attendant.                                | 32 76    | 34 86      |       |
| James Ridley, Ship Caulker.                                | 41 45    | 40 46      |       |
| H. H. Rice, Bath Attendant.                                |          | 4 34       |       |
| J. B. Sheridan, Bath Attendant.                            | 30 52    |            |       |
| Edw. R. Scott, Inspector.                                  | 104 89   | 106 59     |       |
| J. Stanley, Foreman Public Baths.                          | 109 85   | 92 25      |       |
| Charles Schonberg, Bath Attendant.                         | 21 28    | 39 62      |       |
| A. Silverman, Bath Attendant.                              | 11 34    | 9 66       |       |
| J. T. Sneedeler, Bath Attendant.                           | 9 80     | 34 72      |       |
| R. H. Smith, Bath Attendant.                               | 11 62    | 40 60      |       |
| Thomas J. Sullivan, Chief Cabinet Maker, Public Baths.     | 28 85    | 130 80     |       |
| J. T. Sheahan, Bath Attendant.                             |          | 2 66       |       |
| T. F. Savage, Bath Attendant.                              |          | 2 92       |       |
| John Voorhies, Carpenter.                                  | 54 90    | 46 18      |       |
| M. J. Wilkinson, Foreman.                                  | 71 35    | 157 50     |       |
| W. W. Weeks, Superintendent Baths.                         | 41 07    | 18 95      |       |
| H. J. Watterson, Bath Attendant.                           | 9 80     | 34 58      |       |
| F. P. Laut, Transitman.                                    | 168 85   | 165 04     |       |
| W. J. Carroll, Laborer, Highways.                          | 27 20    |            |       |
| T. Tracy, Assistant Foreman, Highways.                     | 36 00    |            |       |
| J. G. Brennan, Laborer, Highways.                          | 27 65    | 70 45      |       |
| J. J. Demmore, Foreman Rigger.                             | 18 20    |            |       |
| Dennis Farrell, Transitman.                                | 7 63     |            |       |
| E. Kierski, Inspector.                                     | 74 95    |            |       |
| Jeremiah Murphy, Cabinet Maker, Public Baths.              | 23 50    |            |       |
| R. H. Murphy, Foreman, Highways.                           | 11 65    |            |       |
| G. R. Olnay, Chief Engineer.                               | 1,734 05 | c 2,101 00 |       |
| Dennis O'Connor, Inspector, Highways.                      | 7 20     |            |       |
| G. F. Scannell, Superintendent, Highways.                  | 722 70   | d 833 20   |       |
| G. F. Scannell, Superintendent, Highways.                  | 5,796 90 | d 6,047 00 |       |
| R. N. Wood, Inspector of Highways.                         | 15 35    | 27 50      |       |
| C. A. Windisch, Assistant Foreman.                         | 25 65    |            |       |
| G. H. Lussmann, Inspector of Highways.                     |          | 5 35       |       |
| M. F. Ford, Inspector of Highways.                         |          | 8 55       |       |
| William Costello, Laborer, Highways.                       |          | 14 95      |       |
| Catherine O'Connor.  |          | 9 80       |       |
| J. J. Gilroy, Inspector.                                   |          | 5 15       |       |
| M. Lanigan, General Foreman, Highways.                     |          | 30 50      |       |
| W. E. Mahon, Laborer, Highways.                            |          | 21 20      |       |
| J. J. Reddy, Inspector of Highways.                        |          | 11 20      |       |
| W. E. Severence, Inspector of Highways.                    |          | 12 05      |       |
| J. M. McEntegart, Superintendent.                          | 780 65   | 822 25     |       |
| Mary McGinnis.   |          | 18 25      |       |
| M. J. Browne, Principal Assistant Engineer.                | 263 45   | 210 65     |       |
| J. W. Costello, Assistant Engineer.                        | 179 30   |            |       |

| Expended by and Position.                            | Amount | 1904.    | 1905.                   |
|--|--------|----------|-------------------------|
| J. Revell, Transitman.                               |        | 229 35   | 105 40                  |
| W. B. Taylor, Leveler.                               |        | 311 25   |                         |
| B. J. Gorman, Assistant Superintendent of Buildings. |        | 343 69   | e 412 72                |
| I. A. Hopper, Superintendent of Buildings.           |        | 1,819 22 | e 2,124 70              |
| R. F. Miller, Inspector.                             |        |          | f 22 05                 |
| J. F. Ahearn, Borough President.                     |        | 3,000 00 | e 2,750 00              |
|  |        |          | \$19,013 08 \$20,607 32 |

a. Telephones. b. Carfare. c. For engineering force. d. For Inspectors, Foremen, Drivers and Laborers. e. For carfare and incidentals. f. For railroad transportation.

No. 1898b.

Office of the Commissioners of Accounts, Stewart Building, No. 280 Broadway, New York, January 7, 1907.

Subject—Financial Report of the President of Manhattan Borough, Audit of the Revenue, Appropriation and Bond Accounts for the Years 1904 and 1905, General Administration, Bureau of Street Openings, Bureau of Highways, Bureau of Incumbrances.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In advance of our general report, we present herewith a financial report of the business administration of the President of the Borough of Manhattan, which is the result of an examination of the books and records, and a general audit of the several Appropriation, Bond and Special Accounts and of the revenues for the years 1904 and 1905, including General Administration, and the several Bureaus included in the office of the Commissioner of Public Works.

We have also completed, for the years 1904 and 1905, financial statements of the Bureau of Public Buildings and Offices, Public Baths and Comfort Stations and the Bureau of Buildings, which we are withholding for the reason that we are making certain examinations hereinafter referred to, with the aid and advice of the Corporation Counsel, at the completion of which we will embody the financial statements of each in our report of these Bureaus.

The record of the various accounts is taken as they appeared on June 30, 1906.

This examination was begun last spring, and in the ordinary course of procedure would have been concluded so that our report could have been submitted to your Honor just after the summer vacation, but owing to the necessary demands made upon our force of Examiners, in connection with the work done for the Salaries and Grades Commission, we were obliged to suspend it.

Regular Examinations.

We transmitted to your Honor on November 21, 1906, a report on the Bureau of Sewers for the years 1904 and 1905, which embraced the financial statement and revenues for said period.

Special Examination.

In addition to the regular examination herein reported upon we have been engaged in collating data concerning disbursements for the following items of expense during the years 1904 and 1905, said "special examination" having been asked for by the President of the Borough and directed on December 3, 1906, by your Honor to be made:

Car-fares, telephone service, coaches and cabs, horse hire, traveling expenses, incidentals, horses and wagons and drivers for same.

The result of this special examination is embodied in a report made to us by our Chief Examiner having charge of this investigation, and, as your Honor is aware, we notified the Counsel to the Corporation, under date of December 14, 1906, that we desired to submit the same to him or to his assistant for such aid and advice as he might give us on the subject.

Our reason for asking the Corporation Counsel's advice is as follows:

The amount of \$92,292.41, which the records show as expended for the above-named purposes, for the years 1904 and 1905, are in the forms of vouchers for funds requisitioned under a resolution of the Board of Aldermen covering incidental or contingent expenses, and also in the usual manner of transmitting voucher claims to the Finance Department, on which two classes of vouchers there appears the following certifications, viz.:

Affidavit of each person incurring the liability certified to by the Commissioner of Public Works and the President of the Borough of Manhattan.

Certified to by the Examiner of Accounts of the Finance Department as being correct as to calculations and extensions; that the prices charged are reasonable and just, and that no prior claim for same has been presented or paid.

Certified to by the Auditor of the Department that the expenditure was lawfully incurred, charges reasonable and just, warrant correctly drawn and that payment should be made from the fund designated.

These vouchers emanating from the Bureau of the Superintendent of Highways for car-fares and telephones are sworn to by the parties entitled to the moneys, and by the Superintendent of Highways, and certified to by the Superintendent of Supplies, Commissioner of Public Works and President of the Borough and by the Finance Department in the usual manner.

The Bureaus of the Chief Engineer and the Superintendent of Incumbrances have transmitted their vouchers in like manner, with the exception that they are not sworn to.

The vouchers for the hire of horse and wagon, or horse, wagon and driver, are certified to by the heads of Bureaus and the Borough President, and in the usual manner by the Finance Department, except that the bills are unsworn and not received (except that of the Chief Engineer).

Questions Referred to Corporation Counsel.

In cases where doubt from any source is cast upon the integrity of the vouchers themselves (which are *prima facie* evidence of expenditures made or liability incurred), or upon the necessity of such expenditures, it will, in our opinion, be necessary to take further steps to confirm such doubt or to show that it has no basis in fact.

We accordingly, on December 17, submitted our Chief Examiner's report to the Corporation Counsel (also sending your Honor a copy) substantially stating the above facts, and asked his assistance and advice, the result of which we will embody in our general report to your Honor.

Expenditures for Supplies and Labor Performed.

We have also under consideration, for the use of the Corporation Counsel, the expenditures made in the "Purchase of Supplies and Labor Performed" for the same years, to ascertain whether in all cases the provisions of section 419 of the Charter have been strictly complied with.

As there were expended during the years 1904 and

## Audit of Appropriation Accounts, Year 1904.

The appropriation for the General Administration of the Office of the Borough President and the Bureau of Highways, Street Openings and Incumbrances for the year 1904 was..... \$810,828 00  
Which was decreased by transfers..... 17,312 90

Making total available funds..... \$793,515 10  
The expenditures for the year 1904 amounted to..... \$790,685 35  
Estimated outstanding liabilities amounted to..... 2,515 31  
Leaving a surplus of..... 793,200 66  
\$314 44

## Stock, Bond and Fund Accounts, Year 1904.

The payments from Special and Trust Funds and the Funds derived from the sale of Corporate Stock, during the year 1904, amounted to \$2,693,821.53, divided as follows:

Corporate Stock.

|   |                |
|---|----------------|
| Fund for Repaving Streets and Avenues, Old City of New York.....  | \$221,430 54   |
| Fund for Repaving Streets, Borough of Manhattan.....              | 1,299,906 38   |
| Fund for Extension of Riverside Drive to Boulevard Lafayette..... | 594,224 71     |
| Fund for Rebuilding Retaining Wall, Edgecombe Avenue.....         | 7,109 55       |
|   | <hr/>          |
|   | \$2,122,671 18 |

## Special and Trust Accounts.

|  |              |
|--|--------------|
| Fund for Repairing and Renewing Street Pavements.....                | \$49,161 41  |
| Fund for Constructing, Erecting and Maintenance of Street Signs..... | 231 00       |
| Fund for Restoring and Repaving.....                                 | 138,659 56   |
| Fund for Street Improvements.....                                    | 381,807 01   |
| Fund for Restoring Pavements.....                                    | 1,291 37     |
|  | <hr/>        |
|  | \$571,150 35 |

## Summary, Total Expenditures, Year 1904.

|                                       |                |
|---------------------------------------|----------------|
| From Appropriation Accounts .....     | \$790,685 35   |
| From Corporate Stock .....            | 2,122,671 18   |
| From Special and Trust Accounts ..... | 571,150 35     |
|                                       | <hr/>          |
|                                       | \$3,484,506 88 |

## Audit of Appropriation Accounts, Year 1905.

The appropriation made for the Bureau of Highways, Street Openings and Incumbrances and the General Administration of the Office of the Borough President for the year 1905 was..... \$808,128 00  
Which was increased by transfers..... 30,192 39

Making the total available funds..... \$838,320 39  
The expenditures for the year 1905 amounted to..... 824,446 76  
Leaving for estimated outstanding liabilities..... \$13,873 63

## Audit of Stock, Bond and Fund Accounts, Year 1905.

The payments from Special and Trust Funds and the Funds derived from the sale of Corporate Stock, during the year 1905, amounted to \$3,509,771.06, divided as follows:

Corporate Stock.

|   |                |
|---|----------------|
| Fund for Repaving Streets and Avenues, Old City of New York.....  | \$234,598 71   |
| Fund for Repaving Streets, Borough of Manhattan.....              | 1,155,389 35   |
| Fund for Extension of Riverside Drive to Boulevard Lafayette..... | 1,372,935 04   |
| Fund for Rebuilding Retaining Wall, Edgecombe Avenue.....         | 13,367 87      |
|   | <hr/>          |
|   | \$2,776,290 97 |

## Special and Trust Accounts.

|   |              |
|---|--------------|
| Fund for Street Signs, Borough of Manhattan, Purchasing and Erecting .....                              | \$9,300 98   |
| Fund for Bridge Viaduct across Spuyten Duyvil Creek.....  | 6,115 66     |
| Fund for Repairing Retaining Wall near One Hundred and Eighty-first Street and Boulevard Lafayette..... | 8,562 65     |
| Fund for Repairing Street Pavements, Borough of Manhattan.....  | 49,450 03    |
| Fund for Repairing and Maintenance of Asphalt Pavements, Borough of Manhattan .....                     | 62,001 02    |
| Fund for Restoring and Repaving.....  | 146,157 89   |
| Fund for Street Improvements.....   | 450,031 45   |
| Fund for Restoring Pavements.....   | 1,860 41     |
|   | <hr/>        |
|   | \$733,480 09 |

## Summary, Total Expenditures, Year 1905.

|                                       |                |
|---------------------------------------|----------------|
| From Appropriation Accounts .....     | \$824,446 76   |
| From Corporate Stock Accounts .....   | 2,776,290 97   |
| From Special and Trust Accounts ..... | 733,480 09     |
|                                       | <hr/>          |
|                                       | \$4,334,217 82 |

## Amounts Due from Street Railroads.

From January 1, 1898, to the present date, the Commissioners of Accounts, under the various administrations, made to the several Mayors some fifteen reports showing the amounts due from street railways for paving between tracks, street car license fees, franchise taxes and taxes due on tangible and personal property; also State franchise tax, as well as the amounts due and unpaid from steam surface railroads, which will be further referred to in a general report of our examination of the Borough President's office of Manhattan.

All of the reports above mentioned have been referred to the several Corporation Counsels and the present incumbent is vigorously prosecuting suits against the companies based thereon.

## Paving Between and Two Feet Each Side of Railway Tracks, Years 1903 and 1904.

In a previous report, covering the years 1902 and 1903, dated August 2, 1904, we stated that as the Engineering Division of the Bureau of Highways had not forwarded to the Chief Clerk the area chargeable to the railways for the year 1903, it was not possible to show the amounts due from the several railroad companies. Of pavements completed during the years 1903 and 1904, of which that portion between and two feet each side of railroad tracks was charged to railway companies, there was of record on May 22, 1905, the sum of \$31,374 26  
And on June 30, 1905, the sum of \$41,700 35

A total of..... \$73,134 61

—distributed among the several railway companies, as follows:

| Name of Railroad.   | Due by Railroad Companies. |                          |
|---|----------------------------|--------------------------|
|   | Billed<br>May 22, 1905.    | Billed<br>June 30, 1905. |
| New York and Harlem River.....                                    | \$4,062 65                 | \$3,247 68               |
| Avenue C .....  | 1,351 56                   | 955 82                   |
| Twenty-third Street .....   | 2,735 77                   | 9,829 34                 |
| One Hundred and Sixteenth Street Crosstown.....                   | 4,462 60                   | .....                    |
| Christopher and West Tenth Street.....                            | 222 92                     | 552 55                   |
| Seventh Avenue .....  | 1,575 63                   | .....                    |
| Twenty-eighth and Twenty-ninth Street.....                        | 3,265 08                   | 998 37                   |
| Dry Dock, East Broadway and Battery.....                          | 742 00                     | 1,195 06                 |
| Forty-second Street and Grand Street Ferry.....                   | 400 42                     | 580 63                   |
| Forty-second Street, Manhattanville and St. Nicholas Avenue ..... | 1,940 40                   | 6,098 25                 |
| Central Park, North and East River.....                           | .....                      | 590 90                   |
| Third Avenue .....  | 3,129 39                   | 3,138 11                 |
| Second Avenue .....   | 504 65                     | 3,033 73                 |
| Lexington Avenue .....  | 2,041 75                   | 2,977 63                 |
| Chambers Street and Grand Street Ferry.....                       | 2,090 23                   | 376 64                   |
| Central Crosstown .....   | 2,849 21                   | .....                    |
| Broadway and Seventh Avenue.....                                  | .....                      | 4,201 04                 |
| Metropolitan .....  | .....                      | 903 89                   |
| Ninth Avenue .....  | .....                      | 479 96                   |
| Eighth Avenue .....   | .....                      | 683 11                   |
| Sixth and Eighth Avenues .....                                    | .....                      | 94 39                    |
| New York Central and Hudson River Railroad.....                   | .....                      | 1,823 25                 |
| Totals.....   | \$31,374 26                | \$41,700 35              |

The foregoing charges are for asphalt pavement only, and the bills have been transmitted to the Corporation Counsel for further action. The several railroad companies were duly notified of the Department's intention to repave the streets before commencing the work.

## Street Pavements.

In all the reports made by the Commissioners of Accounts since 1898, covering examinations of the accounts of the President of Manhattan Borough, tables have been introduced showing the cost of the various kinds of pavements—asphalt, asphalt block and wood block.

In addition to these regular examinations, special studies were made at the request of the former Mayors, Van Wyck and Low, of the subject of asphalt pavements, from the point of view of the Engineer and Chemist, as well as of the Accountant, the results of which were embodied in the following described special reports:

Report No. Date.

302. May 9, 1899. Printed report, the result of several reports made by this office on the former Department of Public Works now embraced in the office of the Borough President of Manhattan. It embodies our views and findings up to that date, and has received wide attention throughout this country and in Europe from those interested in asphalt.

2. Jan. 14, 1902. Another printed report, offering, in accordance with the Mayor's request, a proposed form of specifications for asphalt pavements in paving contracts to be used in lieu of the form then in use.

8. Jan. 31, 1902. In re letter of Mr. T. D. Bradford, of No. 44 Broadway, criticizing our proposed specifications.

20. Feb. 20, 1902. In re letter of Andrew Rosewater, City Engineer of the City of Omaha, in reference to our proposed new asphalt specifications.

176. June 19, 1902. Criticism by our Engineering Bureau of the specifications recently adopted for paving the streets of New York City with asphalt.

360. Apr. 18, 1903. List of streets paved with asphalt in 1902 on which reports of criticisms have been made.

As our present Chief Engineer and Chemist assisted in arriving at the results in the above "specific" reports and are thoroughly familiar with this subject, we have again referred the entire question to them for further consideration.

The comparative average prices of the various asphalt and wood block pavements for the years 1904 and 1905, together with the findings in relation to the matter, are embraced in the following report made by our Chief Engineer.

The general subject of pavements, referred to under the several headings by the Bureau of City Betterment in connection with its review of the Borough President's office of Manhattan will be treated of separately in our final report of this office.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, January 2, 1907.

Subject—Comparative average prices of sheet asphalt, asphalt block and wood block pavements, on various classes of foundations, for the two years 1904 and 1905, in the Borough of Manhattan.

Hon. Commissioners of Accounts, New York City:

Gentlemen—I herewith submit at your request figures covering the comparative average prices for sheet asphalt, asphalt block and wood block pavements, on various foundations, for which bids were accepted in 1904 and 1905 in the Borough of Manhattan.

The quantities as given in the following tabulations are the estimated quantities on which the bids were based and not the actual amounts paid for.

The prices are for the pavement proper, and for its foundation, and do not include any other items of the contract work, such as grading or curbing. The tables are for the most part self-explanatory, with the following exceptions:

There are certain contracts in which the bids for one or all of the items are manifestly excessive, the reason being generally that the work is exceptionally difficult of execution owing to conditions imposed by the traffic or the location. These contracts have not been included in the averages, but are given separately, immediately following their particular class.

In the wood block pavement contracts for 1905 the bidder is requested to name a price for the purchase and removal of the old pavement (generally stone block), which of course means that he has correspondingly increased some other item of his bid on those contracts to cover such expense as he is put to. While it is impossible to say what item he may have thus increased, a study of the figures given would seem to indicate that it was the item for the pavement proper (viz., the wood blocks), and a deduction has been made accordingly. (See table 5.)

There is one contract in 1904 which would ordinarily be classed as "asphalt partly on present pavement and partly on concrete," but inasmuch as the old pavement was macadam and the asphalt was actually laid entirely on concrete, this contract has been classed under the latter head.

There is also one contract in 1904 for completing an "asphalt on present pavement" contract let in 1903, and annulled and relet. In this instance there was little or none of the old pavement to be relaid, the original contractor having practically completed that portion of his work, but the contract was nevertheless included.

In the asphalt block contracts for 1904 there are two contracts not included in the averages, but given separately, for which there was only a single bid on each contract. (Table 4.) Inasmuch as the bids were excessive in both instances, it would seem that they should have been rejected and the work readvertised in spite of the fact that the contracts were small ones.

The "summary" (Tables 7 and 8) contains the essential figures of the other tables arranged for more facile comparison. An analysis of its contents in conjunction with the original data would seem to indicate in general that with the exception of the wood block pavements, keen competition has been the means of reducing the prices for all classes of pavements in 1905 from what they were in 1904.

To the best of my knowledge and belief the cut prices for sheet asphalt in 1905 are likely to seriously affect the character of the work and the life of the pavement.

Wood block pavements may be seen at a glance to be far and away the most expensive pavement that the City contracts for, costing in 1904 about \$1 and in 1905 about \$1.48 more per square yard than asphalt block pavements, which rank second in cost. The larger part of the increase over other classes of pavement is due to the price of the wood blocks themselves, but it is also true that the concrete foundations for wood block pavement costs the City from \$1.20 to \$2.82 per cubic yard more than the same foundation for other classes of pavements.

This is one of the surest indications that competition in that class is sadly lacking, although there are at least three regular bidders on wood block contracts. The inference is obvious.

Sheet asphalt contracts are regularly bid on by at least four different concerns; asphalt block contracts by only two, owing to the conditions imposed by the specifications regarding the quality of asphalt to be used, which excludes at least one company which manufactures a block generally acknowledged to have no superior. The tables and summary follow.

Respectfully submitted,  
(Signed) OTTO H. KLEIN, Chief Engineer.

TABLE No. 1.  
Comparative Areas of Pavements Laid.

| Class of Pavement.   | Area in Square Yards. |                  | 1904. | 1905. |
|--|-----------------------|------------------|-------|-------|
|  | Number of Contracts.  | Area in Sq. Yds. |       |       |
| Asphalt on present pavement.....                               | 76,950                | 181,150          |       |       |
| Asphalt on concrete.....                                       | 24,179                | 47,210           |       |       |
| Asphalt partly on present pavement and partly on concrete..... |                       | 13,410           |       |       |
| Asphalt block on concrete.....                                 | 69,141                | 80,640           |       |       |
| Wood block on concrete.....                                    | 12,690                | 136,281          |       |       |

TABLE No. 2.  
Asphalt on Present Pavement Relaid.  
1904—Total Area, 76,950 Square Yards.

| Name of Contractor.                  | Number of Contracts. | Asphalt.       |                | Present Pavement Relaid. |                | Average Price of Pavement and Foundation, Per Sq. Yd. |
|--------------------------------------|----------------------|----------------|----------------|--------------------------|----------------|---|
|                                      |                      | Area, Sq. Yds. | Average Price. | Area, Sq. Yds.           | Average Price. |   |
| Asphalt Construction Company.....    | 6                    | 25,060         | \$1 15         | 25,150                   | \$0 167        | \$1 317   |
| Sicilian Asphalt Paving Company..... | 8                    | 28,010         | 1 13           | 28,100                   | 267            | 1 397   |
| United States and Venezuela Company  | 6                    | 8,380          | 1 21           | 8,390                    | 388            | 1 598   |
| New York and Bermudez Company....    | 2                    | 15,500         | 1 26           | 4,300                    | 320            | 1 580   |
| General average .....                |                      |                |                |                          |                |   |
|                                      |                      | \$1 173        |                | \$0 248                  |                | \$1 421   |

1905—Total Area, 181,150 Square Yards.

| Name of Contractor.                | Number of Contracts. | Asphalt.       |                | Present Pavement Relaid. |                | Average Price of Pavement and Foundation, Per Sq. Yd. |
|------------------------------------|----------------------|----------------|----------------|--------------------------|----------------|---|
|                                    |                      | Area, Sq. Yds. | Average Price. | Area, Sq. Yds.           | Average Price. |   |
| Asphalt Construction Company.....  | 29                   | 106,980        | \$0 784        | 107,250                  | \$0 252        | \$1 036   |
| Sicilian Asphalt Company.....      | 14                   | 53,770         | 1 279          | 53,830                   | 246            | 1 525   |
| Uvalde Asphalt Paving Company..... | 2                    | 17,320         | 1 286          | 17,320                   | 400            | 1 680   |
| Barber Asphalt Paving Company..... | 2                    | 3,080          | 1 105          | 3,080                    | 222            | 1 327   |
| General average .....              |                      |                |                |                          |                |   |
|                                    |                      | \$0 984        |                | \$0 264                  |                | \$1 248   |

1905—Total Area, 181,150 Square Yards.

| Name of Contractor.                       | Number of Contracts. | Asphalt.         |                | Concrete.          |                           | Average Price of Pavement and Foundation, Per Sq. Yd. |
|---|----------------------|------------------|----------------|--------------------|---------------------------|---|
|   |                      | Area in Sq. Yds. | Average Price. | Amount in Cu. Yds. | Average Price Per Cu. Yd. |   |
| Asphalt Construction Company....          | 3                    | 16,119           | \$1 107        | 2,385              | \$3 74                    | \$0 520   |
| General average.....                      | ...                  | ...              | \$1 107        | ...                | \$3 74                    | \$0 520   |
| Contracts Not Included in Averages—       |                      |                  |                |                    |                           |   |
| United States and Venezuela Company ..... | 1                    | 8,060            | 2 04           | 1,050              | 6 25                      | 0 868   |
|   |                      |                  |                |                    |                           |   |

1905—Total Area, 47,210 Square Yards.

| Name of Contractor.                 | Number of Contracts. | Asphalt.         |                | Concrete.          |                           | Average Price of Pavement and Foundation, Per Sq. Yd. |
|-------------------------------------|----------------------|------------------|----------------|--------------------|---------------------------|---|
|                                     |                      | Area in Sq. Yds. | Average Price. | Amount in Cu. Yds. | Average Price Per Cu. Yd. |   |
| Asphalt Construction Company....    | 2                    | 6,740            | \$1 000        | 100                | \$4 450                   | \$0 618   |
| Sicilian Asphalt Paving Company.... | 1                    | 330              | 1 250          | 30                 | 5 500                     | 0 764   |
| Barber Asphalt Paving Company....   | 3                    | 40,140           | 0 802          | 3,837              | 3 405                     | 0 473   |
| General average.....                | ...                  | ...              | \$0 833        | ...                | \$3 445                   | \$0 478   |
|                                     |                      |                  |                |                    |                           |   |

TABLE No. 4.

Asphalt Block on Concrete Foundation.  
1904—Total Area, 60,141 Square Yards.

| Name of Contractor.                 | Number of Contracts. | Asphalt Blocks.  |                | Concrete.          |                           | Average Price of Pavement and Foundation, Per Sq. Yd. |
|-------------------------------------|----------------------|------------------|----------------|--------------------|---------------------------|---|
|                                     |                      | Area in Sq. Yds. | Average Price. | Amount in Cu. Yds. | Average Price Per Cu. Yd. |   |
| Harlem Contracting Company....      | 4                    | 34,580           | \$1 614        | 4,975              | \$6 00                    | \$0 750   |
| New York and Bermudez Company ..... | 6                    | 32,825           | 1 570          | 4,620              | 4 05                      | 0 506   |
| General average.....                | ...                  | ...              | \$1 592        | ...                | \$5 06                    | \$0 632   |
| Contracts Not Included in Averages— |                      |                  |                |                    |                           |   |
| Harlem Contracting Company....      | 1                    | 700              | 2 95           | 70                 | 6 80                      | 0 85  |
| Harlem Contracting Company....      | 1                    | 1,036            | 6 50           | 130                | 6 00                      | 0 75  |
|                                     |                      |                  |                |                    |                           |   |

1905—Total Area, 80,640 Square Yards.

| Name of Contractor.                 | Number of Contracts. | Asphalt Blocks.  |                | Concrete.          |                           | Average Price of Pavement and Foundation, Per Sq. Yd. |
|-------------------------------------|----------------------|------------------|----------------|--------------------|---------------------------|---|
|                                     |                      | Area in Sq. Yds. | Average Price. | Amount in Cu. Yds. | Average Price Per Cu. Yd. |   |
| Harlem Contracting Company....      | 7                    | 79,000           | \$1 46         | 10,450             | \$4 06                    | \$0 507   |
| General average.....                | ...                  | ...              | \$1 46         | ...                | \$4 06                    | \$0 507   |
| Contracts Not Included in Averages— |                      |                  |                |                    |                           |   |
| Barber Asphalt Paving Company ..... | 1                    | 1,640            | 3 01           | 225                | 4 48                      | 0 560   |
|                                     |                      |                  |                |                    |                           |   |

TABLE No. 5.  
Wood Block on Concrete Foundation.  
1904—Total Area, 12,690 Square Yards.

| Name of Contractor.                        | No. of Contracts. | Wood Blocks.   |                | Concrete.        |                           | Average Price Bid for Purchase and Removal of Old Pavement Per Sq. Yd. | Average Price of Pavement. |
|--|-------------------|----------------|----------------|------------------|---------------------------|--|----------------------------|
|  |                   | Area, Sq. Yds. | Average Price. | Amount, Cu. Yds. | Average Price Per Cu. Yd. |  |                            |
| United States Wood Preserving Company..... | 4                 | 12,690         | \$2 445        | 1,841            | \$6 18                    | \$0 773  | \$3 218                    |
| General average .....                      | ...               | ...            | \$2 445        | ...              | \$6 18                    | \$0 773  | \$3 218                    |
|  |                   |                |                |                  |                           |  |                            |

1905—Total Area, 136,281 Square Yards.

| Name |
| --- |

TABLE No. 6.

Asphalt Partly on Concrete and Partly on Present Pavement Relaid. (No Contracts of This Nature Were Let in 1904.)

1905—Total Area, 13,410 Square Yards.

| Name of Contractor.                  | No. of Contracts. | Asphalt.       |                | Present Pavement Relaid. |                | Concrete.        |                            |                            | Average Price of Asphalt Laid On. |           |
|--------------------------------------|-------------------|----------------|----------------|--------------------------|----------------|------------------|----------------------------|----------------------------|-----------------------------------|-----------|
|                                      |                   | Area, Sq. Yds. | Average Price. | Area, Sq. Yds.           | Average Price. | Amount, Cu. Yds. | Average Price, Per Cu. Yd. | Average Price, Per Sq. Yd. | Present Pavement Relaid.          | Concrete. |
| Asphalt Construction Company.....    | 2                 | 5,710          | \$0.899        | 4,470                    | \$0.276        | 175              | \$4.37                     | \$0.607                    | \$1.175                           | \$1.506   |
| Uvalde Asphalt Paving Company.....   | 1                 | 5,100          | 0.800          | 1,340                    | 0.400          | 460              | 5.00                       | 0.694                      | 1,200                             | 1,494     |
| General average .....                | .....             | .....          | \$0.852        | .....                    | \$0.305        | .....            | \$4.83                     | \$0.67                     | \$1.157                           | \$1.522   |
| Contracts Not Included in Averages—  |                   |                |                |                          |                |                  |                            |                            |                                   |           |
| Sicilian Asphalt Paving Company..... | 1                 | 2,600          | \$1.800        | 2,470                    | \$0.250        | 15               | \$5.50                     | \$0.764                    | \$2.050                           | \$2.564   |

## SUMMARY TABLES.

TABLE No. 7.

Comparative Prices—Items Classified.

|   | Average Contract Price per Square Yard. |         | 1904.   | 1905.   |
|---|---|---------|---------|---------|
|   | 1904.                                   | 1905.   |         |         |
| <b>Sheet Asphalt, Five Years' Maintenance.</b>          |   |         |         |         |
| On present pavement .....                               | \$1 173                                 | \$0 984 |         |         |
| On concrete foundation .....                            | 1 107                                   | 833     |         |         |
| Partly on present pavement and partly on concrete ..... | .....                                   | 852     |         |         |
| <b>Concrete Foundation, Five Years' Maintenance.</b>    |   |         |         |         |
| Per Cubic Yard.   | 1904.                                   | 1905.   |         |         |
| 5-inch for asphalt pavement.....                        | \$3 74                                  | \$3 44  | \$0 520 | \$0 478 |
| 5-inch for asphalt partly on concrete.....              | .....                                   | 4 83    | .....   | 670     |
| 4½-inch for asphalt block.....                          | 5 06                                    | 4 06    | 632     | 507     |
| 4½-inch for wood block *.....                           | 6 18                                    | 6 26    | 773     | 782     |
| <b>Relaying Old Pavement, Five Years' Maintenance.</b>  |   |         |         |         |
| Entire pavement relaid.....                             | \$0 248                                 | \$0 264 |         |         |
| Part of pavement relaid.....                            | .....                                   | 305     |         |         |
| <b>Asphalt Blocks, Five Years' Maintenance.</b>         |   |         |         |         |
| On concrete .....                                       | \$1 592                                 | \$1 460 |         |         |
| <b>Wood Block, Ten Years' Maintenance.</b>              |   |         |         |         |
| On concrete .....                                       | \$2 445                                 | \$2 664 |         |         |

\* Ten-year maintenance.

TABLE No. 8.  
Comparative Prices—Pavements, Including Foundation.

| Class of Pavement.                      | Total Average Prices of Pavement Proper and Foundation per Square Yard. |         | 1904. | 1905. |
|---|---|---------|-------|-------|
|   | 1904.   | 1905.   |       |       |
| Asphalt on present pavement.....        | \$1 421   | \$1 248 |       |       |
| Asphalt partly on present pavement..... | .....   | 1 157   |       |       |
| Asphalt partly on concrete.....         | .....   | 1 522   |       |       |
| Asphalt on concrete.....                | 1 627   | 1 311   |       |       |
| Asphalt block on concrete.....          | 2 224   | 1 967   |       |       |
| Wood block on concrete.....             | 3 218   | 3 446   |       |       |

## Cash Receipts, Years 1904 and 1905.

The receipts from Street Openings, Vault Permits and other Miscellaneous Services of the Bureau of Highways (which includes money received for permits issued by the Bureau of Sewers, amounting to \$21,845.70 for 1904 and \$35,479.52 for 1905) in the Borough of Manhattan were \$999,733.30, as shown in detail in the following tables:

Receipts from Street Opening and Vault Permits; Also from Other Miscellaneous Sources, Office of the Borough President, Borough of Manhattan.

|                      | Year 1904.                            |                              |                              |              |
|----------------------|---------------------------------------|------------------------------|------------------------------|--------------|
|                      | Special Fund, Restoring and Repaving. | Sinking Fund, Vault Permits. | General Fund, Miscellaneous. | Total.       |
| First quarter .....  | \$32,346 50                           | \$20,860 75                  | \$8,306 96                   | \$61,514 21  |
| Second quarter ..... | 48,713 50                             | 76,340 27                    | 13,827 41                    | 138,881 18   |
| Third quarter .....  | 33,074 85                             | 76,586 66                    | 11,552 64                    | 121,214 15   |
| Fourth quarter ..... | 39,306 05                             | 32,063 55                    | 12,769 05                    | 84,138 65    |
|                      | \$153,440 90                          | \$205,851 23                 | \$46,456 06                  | \$405,748 19 |

|                      | Year 1905.                            |                              |                              |              |
|----------------------|---------------------------------------|------------------------------|------------------------------|--------------|
|                      | Special Fund, Restoring and Repaving. | Sinking Fund, Vault Permits. | General Fund, Miscellaneous. | Total.       |
| First quarter .....  | \$27,308 50                           | \$33,589 82                  | \$10,836 81                  | \$71,735 13  |
| Second quarter ..... | 54,701 09                             | 162,893 67                   | 21,434 93                    | 239,029 69   |
| Third quarter .....  | 38,292 87                             | 76,494 11                    | 17,254 96                    | 132,041 94   |
| Fourth quarter ..... | 51,396 03                             | 63,926 89                    | 35,855 41                    | 151,178 35   |
|                      | \$171,698 51                          | \$336,904 49                 | \$85,382 11                  | \$593,985 11 |

The total receipts, as shown for the years 1904 and 1905, have been properly transmitted to the Chamberlain and credited to the following funds by the Finance Department:

|                                  |              |
|----------------------------------|--------------|
| Restoring and Repaving Fund..... | \$325,139 41 |
| General Fund .....               | 131,838 17   |
| Sinking Fund .....               | 542,755 72   |
|                                  | \$999,733 30 |

## Previous Reports on Vault Permits Made by the Commissioners of Accounts.

In a report dated September 30, 1898, made by this office to his Honor the Mayor, concerning the Department of Highways, we reported in detail on violation of City Ordinances as to vault permits, showing failure to collect fines in 1895-1896 and 1897, amounting to \$103,078.97.

On June 28, 1904, this office again made an investigation of the records of the Department of Highways relative to the issuance of permits for "vault space" under streets and sidewalks in the Borough of Manhattan, in which we showed that there was due the City from April 1, 1897, to October 11, 1903, the sum of \$160,403.60, the same being the excess value of space, and amounts due for fees and penalties of thirty-seven cases in the Borough of Manhattan, resulting from an actual inspection and measurement by our Inspectors of 1,195 premises, and a comparison of same with the records of permits granted in the possession of the Department of Highways, together with recommendations relative to same.

## Number of Permits Producing Revenue, Years 1904 and 1905.

|                              | 1904.           |                  | 1905.           |                  |
|------------------------------|-----------------|------------------|-----------------|------------------|
|                              | No. of Permits. | Amount Received. | No. of Permits. | Amount Received. |
| Vaults .....                 | 231             | \$205,851 23     | 281             | \$336,904 49     |
| Temporary sheds .....        | 541             | 2,705 00         | 828             | 4,140 00         |
| Ornamental projections ..... | 122             | 4,419 12         | 259             | 20,950 73        |
| Bay windows .....            | 822             | 12,846 40        | 996             | 23,256 25        |
|                              | 1,776           | \$225,821 75     | 2,364           | \$385,251 47     |

## Permits Issued Where Deposit is Made to Defray Expenses, or Returned to Depositor.

|  | 1904.               |       | 1905.               |  |
|--|---------------------|-------|---------------------|--|
|  | Bureau and Purpose. |       | Bureau and Purpose. |  |
| Bureau of Highways—                          |                     |       |                     |  |
| Boiler in streets.....                       | 564                 | 888   |                     |  |
| Tar kettle in streets.....                   | 549                 | 586   |                     |  |
| Guy posts, derricks, etc.....                | 180                 | 151   |                     |  |
| Openings for water, sewers, etc.....         | 2,111               | 1,424 |                     |  |
| To corporations, miscellaneous purposes..... | 1,553               | 1,305 |                     |  |
|  | 4,957               | 4,354 |                     |  |
| Bureau of Sewers.....                        | 614                 | 833   |                     |  |
|  | 5,571               | 5,187 |                     |  |

## Permits Issued Without Any Remuneration to the City.

|  | 1904. | | 1905. | |
| --- | --- | --- | --- | --- |
| Bureau and Purpose. | Total. | Bureau and Purpose. | Total. |



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| Bureau and Purpose.                         | 1904.  | Total. | 1905.  | Total. |
|---|--------|--------|--------|--------|
| Bureau of Highways—                         |        |        |        |        |
| Opening sidewalks .....                     | 1,171  |        | 575    |        |
| Corporation openings .....                  | 12,625 |        | 14,116 |        |
|   | —      | 17,149 | —      | 19,037 |
| Bureau of Incumbrances—                     |        |        |        |        |
| Placing building materials in streets ..... | 4,310  |        | 5,545  |        |
| Crossing sidewalks .....                    | 769    |        | 1,102  |        |
|   | —      | 5,079  | —      | 6,647  |
| Bureau of Sewers—                           |        |        |        |        |
| Repairs under pavement .....                | 462    |        | 586    |        |
| Repairs under sidewalk .....                | 291    |        | 337    |        |
|   | —      | 753    | —      | 923    |
|   |        | 22,981 |        | 26,607 |

## Recapitulation.

| Permits Issued.                            | 1904.  | 1905.  |
|--|--------|--------|
| Producing revenue .....                    | 1,776  | 2,364  |
| Deposit made to defray expenses, etc. .... | 5,571  | 5,187  |
| No remuneration to the City .....          | 22,981 | 26,607 |
| Total permits issued .....                 | 30,328 | 34,158 |

## Non-Revenue Producing Permits.

From the foregoing recapitulation table it will be seen that only 1,776 permits issued in 1904 and 2,364 issued in 1905 produce a revenue to the City.

This would show the following permits issued for which the City received no actual benefit:

| 1904 ..... | 28,552 |
|------------|--------|
| 1905 ..... | 31,794 |

## Recommendation to Charge Registration Fee.

As the issuing of such permits involves considerable labor and expense, it would seem that the City should receive some remuneration therefor, and to that end we recommend that a registration fee of \$1 be imposed for all permits issued, which would produce on the above basis of permits issued in 1904 and 1905 the following revenue:

| 1904.                              | 1905.    |
|------------------------------------|----------|
| Permits producing revenue .....    | 1,776    |
| Permits producing no revenue ..... | 28,552   |
|                                    | 31,794   |
|                                    | \$30,328 |
|                                    | \$34,158 |

It is the custom of the Department to extend the time, and change the locality covered, of permits; this should be discontinued, and a new permit issued in each case, for which an additional registration fee of \$1 should be charged.

## Recommendation for "Cashier's Registration Record."

To establish a concise record of all permits issued, we recommend that a record, such as presented in attached form marked Exhibit "A," be kept by the Cashier, which would prevent duplication of permits, and establish in the Cashier's Bureau a general record of all permits issued by the several Bureaus of the Borough President's Office.

Respectfully submitted,  
GEORGE VON SKAL,  
JOHN C. HERTLE,  
Commissioners of Accounts.

## Register of Permits Issued.

| Register.<br>Number. | Date. | Bureau<br>Number. | Purpose. | Security.<br>Cash or<br>Bond. | Permit<br>Charge. | Registering<br>Fee. |
|----------------------|-------|-------------------|----------|-------------------------------|-------------------|---------------------|
| .....                | ..... | .....             | .....    | .....                         | .....             | .....               |

These numbers printed in rotation.

No. 1898c.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, January 10, 1907.

Subject—Audit of the Budget Appropriation Accounts, Corporate Stock Accounts and Special Revenue Bond Accounts, with an analysis of expenditures for Supplies and Repairs in all the Bureaus under the administration of the President of Manhattan Borough, for the years 1904 and 1905. Bureau of Public Buildings and Offices, Bureau of Public Baths and Public Comfort Stations.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—We submit herewith the results of an audit of the Appropriation, Corporate Stock and Special Revenue Bond Accounts of the Bureau of Public Buildings and Offices and the Bureau of Public Baths and Public Comfort Stations, administered by the President of the Borough of Manhattan, for the years 1904 and 1905, together with an analysis of an examination of the books and records, with special reference to expenditures made in the same years for Supplies and Repairs by all the Bureaus subject to said President, without contracts made at public letting.

## Appropriation Accounts.

The Budget appropriations made by the Board of Estimate and Apportionment for the Bureau of Public Buildings and Offices and the Bureau of Public Baths and Public Comfort Stations, and the expenditures, were as follows:

|                               | 1904.        | 1905.        |
|-------------------------------|--------------|--------------|
| Amount of appropriation ..... | \$593,247 50 | \$744,750 51 |
| Increased by transfers .....  | 39,973 79    | 11,700 61    |
|                               |              |              |
| Available funds .....         | \$633,221 29 | \$756,451 12 |
| Total disbursements .....     | 625,867 92   | 723,200 41   |
|                               |              |              |
| Balance .....                 | \$7,353 37   | \$33,250 71  |

The payments from funds derived from the sale of Corporate Stock and Revenue Bonds for the two years amounted to \$3,043,622.29, as follows:

| Corporate Stock Accounts.   |                |
|---|----------------|
| 1904.   | 1905.          |
| New Hall of Records, Building Fund .....  | \$1,174,641 75 |
| Public Bath Fund .....  | 283,797 70     |
| Criminal Court House, Completion and Construction .....   | 54,199 80      |
| Public Comfort Stations .....   | 140,890 49     |
| Repairs to County Court House .....   | 21,801 34      |
| Thirteenth District Municipal Court, Acquisition of Property, etc. ....   | 350 50         |
| Making Improvements and Permanently Bettering and Equipping the City Hall .....   | 1,438 35       |
| Improvement, Permanently Bettering and Equipping the Brown Stone Building, City Hall Park .....                                       | 4,265 00       |
| Repairs and Alterations to the Building Known as No. 264 Madison Street, for the Use of the Thirteenth District Municipal Court ..... | 875 00         |
| Permanently Bettering Fifty-seventh Street Court .....  | 526 34         |
|   |                |
|   | \$1,682,259 93 |
|   | \$1,259,746 36 |

## Special Revenue Bond Accounts.

| 1904.  | 1905.       |
|--|-------------|
| Repairing and Redecorating City Hall .....   | \$494 72    |
| Repairs to County Court House .....  | 18,384 82   |
| Furniture, Etc., Courts and Offices, Criminal Buildings .....                            | 8,510 90    |
| Removal of Sheriff's Office to Barclay Building .....                                    | 2,581 15    |
| Repairs to Free Floating Baths .....   | 5,856 54    |
| Coal for Baths, Comfort Stations and Buildings .....                                     | 14,991 41   |
| Repairs and Furnishing Supplies to City Chamberlain's Office .....                       | 7,934 78    |
| Repairs and Alterations in the City Chamberlain's Office .....                           | 16,748 02   |
| Repairs to the Public Markets .....  | 5,472 15    |
| Renovating and Repairing Public Markets .....  | 9,974 24    |
| Equipping and Maintaining the New Twelfth and Thirteenth District Municipal Courts ..... | 1,901 55    |
| For Painting Portrait of Andrew H. Green .....   | 6,017 72    |
|  | 2,650 00    |
|  | \$19,178 17 |
|  | \$82,437 83 |

## Summary of Total Expenditures.

| 1904.                                    | 1905.          | Totals.        |
|--|----------------|----------------|
| From Appropriation Accounts .....        | \$625,867 92   | \$723,200 41   |
| From Corporate Stock Accounts .....      | 1,682,259 93   | 1,259,746 36   |
| From Special Revenue Bond Accounts ..... | 19,178 17      | 82,437 83      |
|  |                | 101,616 00     |
|  |                |                |
|  | \$2,327,306 02 | \$2,065,384 60 |
|  |                | \$4,392,690 62 |

## Purchase of Supplies Without Public Letting.

We have included in this report a statement of the expenditures made without contract by all the Bureaus of the Borough President's office.

Under section 419, it is specially provided that "whenever any work is necessary to be done to complete or perfect a particular job, or any supply is needful for any particular purpose, which work and job is to be undertaken or supply furnished for The City of New York, and the several parts of said work or supply shall, together, involve the expenditure of more than one thousand dollars, the same shall be by contract," to the lowest bidder, unless otherwise determined by law.

In order to ascertain whether there have been violations of section 419 of the Charter in the purchase of supplies or work performed, it was necessary to read the requisition accompanying each voucher for payment emanating from the said bureaus and on file in the Finance Department, of which there were somewhat less than twenty-five hundred.

An inspection of these requisitions shows that in some few instances it would seem that the amount of supplies or the extent of the work could have been anticipated and made subject to competition; this opinion was also entertained by the Finance Department at the time of rendering the vouchers, and explanations were requested of the Commissioner of Public Works, whose replies, accompanied by the explanation of the Superintendent of Repairs and Supplies, are attached to the vouchers.

As the payments were allowed by the Finance Department, the explanations must have been considered satisfactory to the auditing officers.

Attached to Voucher 31555, year 1905, in favor of Jos. W. O'Brien, plumber, for \$820, is a communication from Theodore Connolly, Acting Corporation Counsel, from which we quote:

"Your communication concludes by requesting that I advise you, after examining the papers transmitted, whether your office is warranted in making payment of the claim upon the statement submitted by the Commissioner of Public Works, notwithstanding the expense of the completed work will exceed \$1,000. Whether this case is to be regarded as an evasion of the law is to be determined by the answer to the question whether it could have been foreseen that this additional expense would have to be incurred. If it could not have been reasonably foreseen then I am of the opinion that there has been no violation of the provisions of section 419. If, on the contrary, the additional expense could have been foreseen, then I am of the opinion that payment of the several claims for the completed job should be withheld on the ground that there has been an evasion of the prohibitions contained in section 419."

"I am further of the opinion that it is, in any event, incumbent upon the Commissioner of Public Works, in view of the statement above quoted, that it is always discovered that something additional is necessary to make a satisfactory job, to have work of this character performed in future under contracts let after public advertisement."

## Vouchers Audited.

The vouchers and papers attached, for expenditures which are the subject of this report, bear the following certifications:

The requisition is countersigned by the Superintendent of Public Buildings and Offices, and certified to by the Commissioner of Public Works and the President of the Borough, in the following language:

"I certify to the necessity of the above work or supplies and that the expenditure has been duly authorized and appropriated."

A certificate of the necessity of the above expenditure was placed on file in the Department before the expenditure was incurred.

The bill rendered by the claimant is stamped by the Foreman as correct and likewise by the Superintendent of Buildings and Offices.

The voucher certifications by the Borough President's office and the Finance Department are as follows:

## Borough President's Office.

By the Superintendent of Public Buildings and Offices, as follows:

"I certify that the above have been received and the services performed, that they were necessary for and have been or will be applied to the above place and that the prices allowed are just and reasonable."

By the President of the Borough and Commissioner of Public Works, as follows:

"I hereby certify that I have examined the above account and believe it to be correct; that the prices charged are just and reasonable and such services as are therein

specified have been properly performed and that the said articles have been or will be used for and applied to the service and for the purposes of The City of New York, and that the payment of the amount of said account will not exceed the unexpended balance of the sum duly appropriated by law for the purposes thereof."

By the Finance Department as follows:

"I have examined this claim and certify that it is correct as to calculations, extensions and proper certification, and that no claim for the work or supplies done or furnished under the date mentioned in the above claim has heretofore been presented or paid."

(Signed) EXAMINER OF CLAIMS.

"I certify that the work mentioned has been satisfactorily performed and that the prices charged for same are reasonable and just."

(Signed) INSPECTOR.

"I hereby certify to the Comptroller that I have examined, audited, revised and settled this account for the sum of \$ . I find that the expenditure was lawfully incurred and that the charge therefor is reasonable and just. The warrant is correctly drawn, and payment should properly be made from the fund shown thereon."

(Signed) AUDITOR OF ACCOUNTS.

In view of the fact that the present examination is a special one and affords us an opportunity of explaining our method of auditing the City accounts, it may not be out of place to present our interpretation of the Charter provisions which govern purchases by officers of the City.

We do this for two reasons:

1. To indicate practically the instructions under which our Examiners regularly conduct the audit of expenditures of all the Departments in connection with the disbursements of the Finance Department; and

2. With the view of procuring the legal opinion of the Corporation Counsel as to our interpretation of the said Charter provisions, and any suggestions pertinent thereto which he may think of benefit in our examinations.

Chapter 6 of the Revised Ordinances treats of this subject, and section 344 reads as follows:

"All supplies to be furnished or work to be done for the Corporation, whether they are to be paid for out of the City Treasury, or out of trust moneys under the control of or to be assessed or collected by the Corporation, shall be furnished or performed by contract, except where otherwise provided by law."

The remaining sections of said chapter 6 are devoted to the methods of obtaining contracts and their execution, and do not distinguish between those involving smaller or larger amounts, nor between those which may be classed as regular or ordinary and those which might properly come under the head of "emergency" contracts:

Section III of the Charter provides as follows:

"Each head of a Department and each President of a Borough shall have cognizance and control of the purchase of fuel, furniture, utensils, books and other articles needed for the public offices within his Department or jurisdiction. Supplies shall be furnished to heads of Bureaus and all subordinate officials only upon the receipt of a written requisition signed by the head of the office in which the same are required."

Section 383 of the Charter provides that the President of the Borough "shall," within the borough for which he has been elected "have cognizance and control of" various matters and things, and among them:

Subdivision 10. "The construction, repairs, cleaning and maintenance of public buildings, including markets, except schoolhouses, almshouses, penitentiaries and fire and police station-houses and other buildings whose care and custody are otherwise provided for in this act."

Subdivision 11. "The care and cleaning of all offices leased or occupied for public uses."

Subdivision 12. "The location, establishment, care, erection and maintenance of the public baths, public urinals and public comfort stations; and of the placing of all signs indicating the names of the streets and other public places."

"The President of the Borough shall prepare all contracts relating to his borough, subject to approval as to form by the Corporation Counsel."

The general provisions relating to contracts are to be found in section 419 of the Charter, which provides in part as follows:

"Whenever any work is necessary to be done to complete or perfect a particular job, or any supply is needed for any particular purpose, which work and job is to be undertaken or supply furnished for The City of New York, and the several parts of the said work or supply shall, together, involve the expenditure of more than one thousand dollars, the same shall be by contract, under such regulations concerning it as shall be established by ordinance or resolution of the Board of Aldermen. \* \* \*"

By a fair inference, expenditures for work or supplies which do not amount to more than one thousand dollars may be made at the discretion of the head of a Department without reference to the forms and methods prescribed where the expenditure will aggregate a larger sum.

At the same time, the spirit of the Charter provision may be violated while its letter is kept, if, in order to render vouchers to the Finance Department for a less sum than one thousand dollars, work to be done or supplies to be furnished aggregating a larger amount, and which, in the natural course of business could have been contracted for at one time, were ordered at slightly different periods.

The Charter does not presuppose that any head of a Department or President of a Borough will evade the spirit of the law or violate any of its provisions, but it has provided a check or safeguard of the interests of the City should such a contingency arise, by its provisions prescribing the duties of the Comptroller.

Section 149 provides in part as follows:

"All payments by or on behalf of the Corporation, except as otherwise specially provided, shall be made through the proper disbursing officer of the Department of Finance, on vouchers to be filed in said Department by means of warrants drawn on the Chamberlain by the Comptroller, and countersigned by the Mayor. The Comptroller may require any person presenting for settlement an account or claim for any cause whatever, against the Corporation, to be sworn to before him, touching such account or claim, and when so sworn, to answer orally as to any facts relative to the justness of such account or claim. Wilful false swearing before him is perjury and punishable as such. \* \* \* No claim against the City or against any of the counties contained within its territorial limits \* \* \* shall be paid unless an audit of accounts shall certify that the charges therefor are just and reasonable; and except as hereinabove otherwise provided, all contracts with the City or any of such counties or with any public officer acting in its or their behalf, shall be subject to such audit and revision by the Department of Finance."

In order to provide the Comptroller with an unlimited force of Assistants necessary to perform the duties imposed upon him by section 149, an auditing bureau is specially provided by section 151 (subdivision 4 thereof) to consist of "Auditors of Accounts, Deputy Auditors and such Clerks, Examiners, Engineers, Inspectors and employees as the Comptroller may deem necessary and proper."

The foregoing provisions of the Charter form the rule and guide by which we are governed in making our examinations and audit of the accounts of the several departments; in more than one instance in the past we have been impressed with an apparent evasion of the provision requiring expenditures involving more than one thousand dollars, to be based upon contracts let after advertising for bids, and have reported the facts connected with such cases, but instances of the like have been rare.

We see nothing in the law that requires heads of departments, in making formal contracts involving the expenditure of less than one thousand dollars, to invite bids from more than one merchant or artisan, but it is made the plain duty of the Comptroller by the Charter, to refuse payment of any voucher submitted to him which, upon careful investigation, shows that the interest of the City has not been duly considered in contracting the liability.

In auditing the City accounts, it has been sufficient for us as a rule to know that the due forms of law have been complied with in a manner satisfactory to the officials who sign the warrants drawn for payment of vouchers; at the same time, our examiners are instructed to be alert in observing any apparent violations of the strict letter of the law, and report them to us immediately for consideration.

Our experience in this department has taught us that the letter of the law may be observed while its spirit is violated, and vice versa; during the past six years

the Commissioners of Accounts have unearthed infractions of both natures and have duly reported them.

Our experience has also demonstrated the fact that complaints which have come to us, sometimes from anonymous sources and at other times from whose which are known, and which always receive our attention, have been for the most part based upon a lack of knowledge of the legal requirements of City accounting, and have not indicated upon an investigation that they were based on fraudulent practices; we have always been ready, and still are, to investigate any definite charge of malfeasance in office which may come within the field of our jurisdiction as examiners of the City's accounts.

#### Expenditures Without Formal Contract.

The expenditures without contract for Repairs and Supplies made from Appropriation Accounts during the years 1904 and 1905, amounted to \$434,272.44, and were distributed among the several Bureaus of the Borough President's office as follows:

#### Appropriation Accounts.

|   | 1904.        | 1905.        | Total.       |
|---|--------------|--------------|--------------|
| General Administration .....                | \$5,444 96   | \$4,610 36   | \$10,055 32  |
| Bureau of Engineers of Street Openings..... | 1,286 16     | 407 59       | 1,693 75     |
| Bureau of Highways.....                     | 19,223 54    | 14,091 36    | 33,314 90    |
| Bureau of Incumbrances.....                 | 5,220 50     | 6,866 91     | 12,087 41    |
| Bureau of Sewers.....                       | 14,316 45    | 13,979 49    | 28,295 94    |
| Bureau of Public Buildings and Offices..... | 180,418 93   | 162,515 52   | 342,934 45   |
| Bureau of Buildings.....                    | 2,956 46     | 2,934 21     | 5,890 67     |
| Grand total .....                           | \$228,867 00 | \$205,405 44 | \$434,272 44 |

Of the foregoing total of \$434,272.44, the principal items of Supplies, Labor, etc., paid from appropriation accounts without contract, in all Bureaus of the Borough President's office, are herewith given, amounting to \$356,540.82.

|  | 1904.        | 1905.        | Total.       |
|--|--------------|--------------|--------------|
| Plumbing .....                         | \$29,005 95  | \$22,874 56  | \$51,880 51  |
| Roofing .....                          | 9,355 78     | 5,173 10     | 14,528 88    |
| Electrical work .....                  | 15,639 81    | 16,727 24    | 32,367 05    |
| Storage and wharfage for baths.....    | 3,802 25     | 2,635 50     | 6,437 75     |
| Cartage .....                          | 7,483 65     | 7,516 17     | 14,999 82    |
| Painting .....                         | 7,536 72     | 12,521 94    | 20,058 66    |
| Glazing and paint supplies.....        | 3,094 92     | 1,391 78     | 4,486 70     |
| Mason work .....                       | 6,260 76     | 5,304 43     | 11,565 19    |
| Iron work .....                        | 13,013 71    | 10,977 68    | 23,991 39    |
| Carpenter work .....                   | 22,159 96    | 10,695 04    | 32,855 00    |
| Awnings .....                          | 4,901 65     | 4,516 65     | 9,418 30     |
| Oils and boiler compound.....          | 2,981 27     | 971 70       | 3,952 97     |
| Lumber .....                           | 4,490 71     | 1,854 90     | 6,345 61     |
| Disinfectant .....                     | 3,865 40     | 4,002 15     | 7,867 55     |
| Repairing furniture .....              | 1,420 85     | 931 97       | 2,352 82     |
| Soap and soap powder.....              | 2,746 52     | 3,768 75     | 6,515 27     |
| Furniture and carpets.....             | 8,973 45     | 11,371 05    | 20,344 50    |
| Cleaning carpets, etc.....             | 1,549 23     | 2,043 06     | 3,592 29     |
| Hardware, etc. ....                    | 15,838 89    | 18,913 51    | 34,752 40    |
| Renewing and repairing safes.....      | 3,249 75     | 3,541 12     | 6,790 87     |
| Repairing elevators .....              | 2,327 77     | 1,776 84     | 4,104 61     |
| Engineering and chemical supplies..... | 1,194 45     | .....        | 1,194 45     |
| Repairing tools .....                  | 1,889 34     | 2,264 50     | 4,153 84     |
| Repairing sprinklers .....             | .....        | 1,069 10     | 1,069 10     |
| Repairing sidewalks and sewers.....    | 4,265 03     | 2,081 23     | 6,346 26     |
| Builders' supplies .....               | 2,368 25     | 3,410 51     | 5,778 76     |
| Signs .....                            | 2,680 61     | 4,200 36     | 6,880 97     |
| Removing incumbrances .....            | 5,119 60     | 6,789 70     | 11,909 30    |
|  | \$187,216 28 | \$169,324 54 | \$356,540 82 |

Of the foregoing total, all cases where payments were made to any one individual or firm amounting to more than \$1,000 in any one year are listed in the following table:

|  | 1904.      | 1905.       | Total.     |
|--|------------|-------------|------------|
| Joseph F. Sweeny, plumbing.....                        | \$2,087 13 | .....       | \$2,087 13 |
| J. W. O'Brien, plumbing.....                           | 25,376 16  | \$18,214 91 | 43,591 07  |
| Nelson Machine Company.....                            | .....      | 1,537 13    | 1,537 13   |
| M. Kevy, roofing.....                                  | 3,447 53   | .....       | 3,447 53   |
| John McCarthy, roofing.....                            | 4,586 37   | 5,612 15    | 10,198 52  |
| M. T. Favin, roofing.....                              | 1,321 88   | .....       | 1,321 88   |
| Electrical Carriage Call Company, electrical work..... | 8,324 91   | 8,211 60    | 16,536 51  |
| C. J. Mullen, electrical work.....                     | 1,963 75   | .....       | 1,963 75   |
| H. Hurwitz, electrical work.....                       | 4,816 48   | 8,515 64    | 13,332 12  |
| Charles E. Rogers, storage and wharfage.....           | 2,792 25   | 2,635 50    | 5,427 75   |
| John Collins, cartage.....                             | 5,475 10   | 7,058 67    | 12,533 77  |
| M. Sullivan, cartage.....                              | 1,384 25   | .....       | 1,384 25   |
| T. M. Nugent, painting.....                            | 2,580 72   | 1,633 38    | 4,214 10   |
| Lawrence Ke'ly, painting.....                          | 1,436 79   | 1,999 13    | 3,435 92   |
| James McCleary, painting.....                          | 2,777 71   | 8,304 33    | 11,082 04  |
| J. R. Gray, mason work.....                            | 5,141 60   | 4,392 12    | 9,533 72   |

|  | 1904.        | 1905.        | Total.       |
|--|--------------|--------------|--------------|
| Victor Heating Company, iron work.....                   | 6,290 60     | 4,389 65     | 10,680 25    |
| Sexton & Odell, carpenter work.....                      | 4,336 66     | .....        | 4,336 66     |
| M. H. Lynch, carpenter work.....                         | 9,746 20     | .....        | 9,746 20     |
| Boice & Lynch, carpenter work.....                       | 1,891 46     | 7,439 36     | 9,330 82     |
| Charles Pickworth, carpenter work.....                   | .....        | 1,919 05     | 1,919 05     |
| P. J. Byrnes, carpenter work.....                        | 4,697 57     | .....        | 4,697 57     |
| Charles Gateson, awnings .....                           | 4,901 65     | 4,516 65     | 9,418 30     |
| Boone-Schrymser Company, oils.....                       | 2,290 00     | .....        | 2,290 00     |
| John Eagan, lumber.....                                  | 2,422 23     | 1,854 90     | 4,277 13     |
| Antozine Chemical Company, disinfectants.....            | 1,379 50     | 1,897 50     | 3,277 00     |
| Frank Disinfectant Company, disinfectants.....           | 1,750 00     | 1,781 25     | 3,533 25     |
| Thomas Sullivan, repairing furniture.....                | 1,330 85     | .....        | 1,330 85     |
| George Rickard & Son, soap.....                          | 1,486 82     | 2,448 40     | 3,935 22     |
| German Fireproofing Company, furniture and carpets.....  | .....        | 1,357 50     | 1,357 50     |
| James R. Kean, furniture and carpets.....                | 3,360 00     | 1,747 74     | 5,107 74     |
| Doherty & Co., furniture and carpets.....                | .....        | 2,753 32     | 2,753 32     |
| J. H. Little, furniture and carpets.....                 | 4,226 00     | 1,956 89     | 6,182 89     |
| Frank Gale, furniture and carpets.....                   | .....        | 1,349 00     | 1,349 00     |
| S. Funk & Co., carpet cleaning.....                      | 1,549 23     | 2,043 06     | 3,592 29     |
| Metropolitan Equipment Company, hardware.....            | 12,015 29    | 18,314 48    | 30,329 77    |
| W. E. Burke, hardware.....                               | 1,568 59     | .....        | 1,568 59     |
| P. McGlynn, repairs to elevators.....                    | 2,327 77     | 1,776 84     | 4,104 61     |
| George H. Toop, iron supplies.....                       | 5,537 00     | 4,278 88     | 9,815 88     |
| Schwencke, Kirk & Co., engineers' supplies.....          | 1,055 47     | .....        | 1,055 47     |
| L. Carlin, repairing tools.....                          | 1,385 75     | 2,210 60     | 3,596 35     |
| Hickey Construction Company, repairing sidewalks, etc... | 3,917 03     | .....        | 3,917 03     |
| J. P. Kane & Co., builders' materials.....               | 1,380 75     | 2,571 76     | 3,952 51     |
| Empire Ornamental Glass Company, signs.....              | 1,424 43     | 3,331 11     | 4,755 54     |
| P. Corrigan, removing incumbrances.....                  | 5,119 60     | 6,789 70     | 11,909 30    |
| East River Mill and Lumber Company, lumber.....          | 1,744 70     | .....        | 1,744 70     |
| Mettnacht Eagle Safe Company.....                        | .....        | 2,741 12     | 2,741 12     |
|  | \$162,649 78 | \$147,583 32 | \$310,233 10 |

In addition to the payments made from Appropriation Accounts without competition, there was expended from Special and Trust Accounts the sum of \$85,585.11, a part of which was on ordinary open orders without competition, and a part under resolutions of the Board of Aldermen granting permission to purchase without contract, as follows:

|   | 1904.       | 1905.       | Total.      |
|---|-------------|-------------|-------------|
| General orders, without competition.....  | \$24,158 43 | \$35,618 35 | \$59,776 78 |
| General orders, without public letting, under resolutions of the Board of Aldermen..... | 12,568 80   | 13,239 53   | 25,808 33   |
|   | \$36,727 23 | \$48,857 88 | \$85,585 11 |

#### Expenditures from Appropriation Accounts by the Bureau of Public Buildings and Offices.

As hereinbefore shown, the expenditures of the Bureau of Public Buildings and Offices were:

|                        |              |
|------------------------|--------------|
| For the year 1904..... | \$180,418 93 |
| For the year 1905..... | 162,515 52   |
| A total of .....       | \$342,934 45 |

Included in this total are certain items which we have considered it impracticable to have been based upon competitive bids, as shown in the following table:

|                          | 1904.       | 1905.       | Total.      |
|--------------------------|-------------|-------------|-------------|
| Storage bath houses..... | \$3,802 25  | \$2,635 50  | \$6,437 75  |
| Winding clock.....       | 750 00      | 750 00      | 1,500 00    |
| Steam service.....       | 12,148 97   | 8,960 60    | 21,109 57   |
| Insurance .....          | 1,713 00    | 1,257 10    | 2,970 10    |
| Electric light.....      | 495 99      | .....       | 495 99      |
| Anchorage baths.....     | 690 50      | 1,113 00    | 1,803 50    |
| Towing baths.....        | 883 00      | 987 00      | 1,870 00    |
| Telephone service.....   | 1,308 00    | 1,438 74    | 2,746 74    |
|                          | \$21,791 71 | \$17,141 94 | \$38,933 65 |

We have segregated all the vouchers which covered specifically labor and material in the same voucher, and have found that for the year 1904, 62.9 per cent., and for the year 1905, 66.7 per cent. of the total was for labor. The total of such vouchers for the two years was \$146,359.87.

The expenditures made under contract and for supplies obtained from charitable institutions, incurred by the Bureau of Public Buildings and Offices, amounted to \$122,450.74, as follows:

| Contracts.    | 1904.       | 1905.       | Total.      |
|---------------|-------------|-------------|-------------|
| Coal .....    | \$23,443 23 | \$55,277 61 | \$78,720 84 |
| Roofing ..... | 3,700 00    | .....       | 3,700 00    |

| Contracts.                   | 1904.       | 1905.       | Total.       |
|------------------------------|-------------|-------------|--------------|
| Painting .....               | 2,714 00    | .....       | 2,714 00     |
| Cleaning windows.....        | 4,560 00    | 6,130 54    | 10,690 54    |
| Repairing baths.....         | 3,185 00    | .....       | 3,185 00     |
| Repairs to court house.....  | .....       | 13,279 00   | 13,279 00    |
| Charitable institutions..... | 5,335 92    | 4,825 44    | 10,161 36    |
|                              | \$42,938 15 | \$79,512 59 | \$122,450 74 |

To a recent inquiry made by us as to the method adopted by the Bureau of Public Buildings and Offices for securing bids for repairs to buildings, or for the purchase of supplies, where the amount involved was less than one thousand dollars, and asking whether bids were solicited from more than one person in the same line of business, and if such bids were in writing, and whether or not there were any office records covering these questions, the Superintendent of that Bureau stated that:

"The Bureau of Public Buildings and Offices is primarily an emergency bureau, and in the administration of its duties the first consideration is promptness and good workmanship. To accomplish good results in an efficient and economical manner it has been found as a result of an experience learned since the creation of the bureau up to the present time, covering all manner of administrations, that it is necessary to have at your command contractors engaged in plumbing, steam work, carpenter work, masonry and other building trades who are familiar with the work involved in public buildings, and are willing to give the work their full time and attention at any time of the day or night, according to circumstances. The result from the employment of inexperienced mechanics would be disastrous and a costly experiment. This practical method had been in vogue and stood the test of years of trial, and received the unqualified approval of every official who has administered the duties of the office."

#### "Paving Without Contract."

On pages 96 and 97 of a pamphlet recently published by the Bureau of City Betterment of the Citizens' Union, criticising the administration of the President of Manhattan Borough, the following statements are made under the above caption:

"For Restoring and Renewing Pavements (principally asphalt), the Bureau of Highways expended without public contract the following amounts:

|              |               |
|--------------|---------------|
| "1904 .....  | \$70,863 87   |
| "1905 .....  | 110,890 64    |
| "Total ..... | \$181,754 51" |

Then follows a table giving the details of amounts paid to each asphalt company or individual concern for the years 1904 and 1905.

Following this table, in italics, it is stated that

"Four warrants for restoring and renewing were made out for over \$1,000 in each instance. As no contract numbers appeared against the warrants it is assumed that the legal restriction was exceeded."

We interpret the above comments of the City Betterment Bureau to imply that the Commissioner of Highways should have given this work out at public letting.

The facts are as follows:

The amounts paid to the several companies and individuals referred to above are for repairing the surface of asphalt pavement caused by plumbers' openings for building purposes, for restoring of curbs, or for banner poles, guide posts, etc.

In cases where openings are required for such purposes the City exacts the following payments for the permit before the surface is disturbed:

| Rates Per Square Yard.  | Total.  |
|---|---------|
| \$4 50  | \$36 00 |
| 4 50  | 54 00   |
| 4 00  | 40 00   |
| 4 00  | 64 00   |
| \$4 a yard for the rest, equalling.....   | 20 00   |
| Granite block, for sewer connection, 6 square yards, \$8 for the first yard and \$4 a yard for the rest, equalling..... | 28 00   |
| Old stone pavement, sewer repairs.....  | 10 00   |
| Old stone pavement, water repairs.....  | 4 00    |
| Old stone pavement, new connection from curb to main.....   | 6 00    |
| Macadam, a running foot.....  | 2 00    |

The City received cash for such permits:

|               |              |
|---------------|--------------|
| In 1904 ..... | \$153,440 90 |
| In 1905 ..... | 171,698 51   |

—which was credited to the Special Fund for Restoring and Repaving.

After the openings have been made and filled in, the Commissioner of Public Works, or the Bureau of Highways, proceeds with the work of restoring the pavement which is done in one of the following ways:

By the labor force of the Highway Bureau, by the asphalt companies under their contract for the original pavement laid, or under maintenance contracts covering designated streets and avenues, which have been entered into after the original contract expired. It follows that no contract at public letting or competitive bidding are required for such repair of pavements.

From the above figures, therefore, it will be seen that the City received from those receiving permits for openings, more than the cost of repair, as follows:

| 1904.                                   | 1905.        |
|---|--------------|
| Receipts .....                          | \$153,440 90 |
| Expenditures .....                      | 70,863 87    |
| Receipts in excess of expenditures..... | \$82,577 03  |
|   | \$60,807 87  |

We are not able to reconcile either the amounts stated by the Bureau of City Betterment nor the title of the account as quoted in its pamphlet, with the department records.

In 1904 and 1905, ledger accounts were kept which related to pavement:

An appropriation account, designated Repairs and Renewal of Pavements and Regrading.

A fund account, derived from the issue of Assessment Bonds, designated Fund for Restoring Pavements.</p

The amount expended from the several accounts during the years 1904 and 1905, as shown by the books of the Bureau of Public Works, is shown in the following table:

|   | 1904.        | 1905.        | Total.         |
|---|--------------|--------------|----------------|
| Repairs and Renewal of Pavements and Regrading— |              |              |                |
| Department payrolls                             | \$372,876 93 | \$405,020 45 | \$777,897 38   |
| Miscellaneous expenditures                      | 42,343 10    | 51,744 22    | 94,087 32      |
| Fund for Restoring Pavements—                   |              |              |                |
| To asphalt companies                            | 1,291 37     | 1,860 41     | 3,151 78       |
| Repairing and Renewing Street Pavements—        |              |              |                |
| Department payroll                              | 49,161 41    | .....        | 49,161 41      |
| Restoring and Repaving, Special Fund—           |              |              |                |
| To asphalt companies                            | 52,107 61    | 58,415 88    | 110,523 49     |
| Department payroll                              | 85,260 58    | 87,742 01    | 173,002 59     |
|   | \$603,041 00 | \$604,782 97 | \$1,207,823 97 |

## Correction of the Accounts of the Finance Department.

Two vouchers for small amounts charged by the Finance Department against the Appropriations Accounts for 1905 were for obligations incurred during 1904, and should be charged to the Appropriation Accounts for the year. They are as follows:

Voucher No. 49015, of 1905 account, John R. Gray..... \$296 00

Voucher No. 9492, of 1905 account, George Reichard..... 75 00

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Comparative Table, Showing the Average Bid Prices Per Square Yard for Sheet Asphalt, Asphalt Blocks and Wood Block Pavements in 1904 and 1905, as Stated by the Commissioners of Accounts and the City Betterment Bureau.

| Kind of Pavement.                                   | Bids in 1904 and 1905.     |         | City Betterment Bureau. |        |
|---|----------------------------|---------|-------------------------|--------|
|   | Commissioners of Accounts. | 1904.   | 1904.                   | 1905.  |
| Sheet Asphalt.                                      |                            |         |                         |        |
| Wearing surface and binder only.....                | \$1 162                    | \$0 947 | \$1 22                  | \$1 07 |
| Sheet Asphalt.                                      |                            |         |                         |        |
| Wearing surface, binder and concrete foundation.    | 1 627                      | 1 311   | ....                    | 1 54   |
| Block Asphalt.                                      |                            |         |                         |        |
| Without concrete .....                              | 1 592                      | 1 460   | ....                    | 1 60   |
| With concrete .....                                 | 2 224                      | 1 967   | ....                    | ....   |
| Wood Block with Concrete.                           |                            |         |                         |        |
| 1904, 4 contracts, 12,690 square yards.....         | 3 218                      | ....    | ....                    | ....   |
| 1905, 20 contracts, 136,281 square yards.....       | ....                       | 3 446   | ....                    | ....   |
| —   | 24                         | 148,971 |                         |        |
| Ten contracts, 59,172 square yards, 1904 and 1905.. | ....                       | ....    | ....                    | 4 12   |

Note—It is important to note in comparing the prices in this table that the figures of the Commissioners of Accounts include all contracts for which bids were accepted in 1904 and 1905, whereas there is no definite statement in the report of the Bureau of City Betterment as to what contracts were included in the average prices for the various pavements given by them, except for wood block pavement in which the average price per square yard is stated to cover contracts entered into and completed during 1904 and 1905, which manifestly cannot be compared with precision with the corresponding figures of the Commissioners of Accounts.

No. 1898d.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, January 17, 1907.

Hon. GEORGE B. McCLELLAN, Mayor:

Dear Sir—In our report dated January 10, 1907, in connection with our "special examination" of the Borough President's office of Manhattan, there appears in our analysis of expenditures for Supplies and Repairs on page 14 of said report, the following:

"In addition to the payments made from Appropriation Accounts without competition, there was expended from Special and Trust Accounts the sum of \$85,586.11, a part of which was on ordinary open orders without competition, and a part under resolutions of the Board of Aldermen granting permission to purchase without contract, as follows:

|   | 1904.       | 1905.       | Total.      |
|---|-------------|-------------|-------------|
| General orders, without competition.....  | \$24,158 43 | \$35,618 35 | \$59,776 78 |
| General orders, without public letting, under resolutions of the Board of Aldermen..... | 12,568 80   | 13,239 53   | 25,808 33   |
|   | \$36,727 23 | \$48,857 88 | \$85,585 11 |

The above amounts have been analyzed and are presented in the following Exhibits "A" and "B," which show as follows:

Exhibit "A" shows the name and amount paid to each party during the years 1904 and 1905 for expenditures chargeable to Special and Trust Accounts for those years without public letting; also the total amount paid for each class of expenditure.

Exhibit "B" shows the name and amount paid to each party during the years 1904 and 1905 for expenditures chargeable to Special and Trust Account for those years, and where permission was granted by the Board of Aldermen to purchase without public letting; also showing the total amount paid for each class of expenditure.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

## EXHIBIT "A."

Special and Trust Accounts—Expenditures, 1904, Without Public Letting.

| To Whom Paid and Description.                             | Amount.     | Total.      |
|---|-------------|-------------|
| Saywood, J. F., plumbing.....                             | \$339 06    |             |
| O'Brien, J. W., plumbing.....                             | 2,278 07    |             |
| McGinley, James, plumbing.....                            | 246 70      |             |
| Scully, E. J., plumbing.....                              | 67 76       |             |
| Keavy, M., stoves.....                                    | \$184 15    | \$2,931 59  |
| Electrical Carriage Call Company, electrical work.....    | \$867 34    | 184 15      |
| Becker, C. M., electrical work.....                       | 231 00      |             |
| Benham, Ed., electrical work.....                         | 20 00       |             |
| Sullivan, M. T., cartage.....                             | \$168 00    | 168 00      |
| Nelson, J., & Brother, painting.....                      | \$168 00    |             |
| McCleary, James, painting.....                            | 5,358 69    | 5,526 69    |
| McCleary, James, plastering .....                         | \$236 40    | 236 40      |
| Gray, John R., mason work.....                            | \$420 00    |             |
| Haus, Caspar, mason work.....                             | 345 45      |             |
| Pickworth, Chas. H., mason work.....                      | 1,558 45    | 2,323 90    |
| Achille, Battail, iron work.....                          | \$201 15    | 201 15      |
| Sexton & O'Dell, carpenter.....                           | \$2,400 15  |             |
| Lynch, M. H. carpenter.....                               | 625 00      | 3,025 15    |
| Gateson, Chas. P., awnings, etc.....                      | \$621 00    | 621 00      |
| Office, Bank and Library Company, furniture and carpets.. | \$329 00    |             |
| Cobb, G. W., Jr., furniture.....                          | 321 00      | 650 00      |
| Fink, S., & Co., cleaning carpets.....                    | \$300 00    | 300 00      |
| Metropolitan Equipment Company, hardware, etc.....        | \$1,022 00  |             |
| Sundry persons, hardware.....                             | 315 70      |             |
| Sundry persons, hardware.....                             | 143 62      |             |
| Fay Scholes, typewriter supplies.....                     | \$127 50    | 1,481 32    |
| Remington Typewriter Company, typewriter supplies.....    | 93 25       |             |
| New York Telephone Company, telephone.....                | \$100 33    |             |
| Herring-Hall-Marvin Company, safes .....                  | \$555 00    | 555 00      |
| Bernhauer, A., work on comfort stations.....              | \$1,220 40  |             |
| Israel & Harder, architects.....                          | \$190 00    |             |
| Bernstein & Bernstein, architects.....                    | 1,821 08    | 2,011 08    |
| Charitable institutions, supplies.....                    | \$1,283 18  | 1,283 18    |
| Total.....  | \$24,158 43 | \$24,158 43 |

Special and Trust Accounts—Expenditures, 1905, Without Public Letting.

| To Whom Paid and Description.                                | Amount.    | Total.     |
|--|------------|------------|
| Murphy Brothers, plumbing .....                              | \$4,550 00 |            |
| O'Brien, Jos. W., plumbing.....                              | 4,054 05   |            |
| O'Brien, Ed., plumbing.....                                  | 362 69     |            |
|  |            | \$8,966 74 |
| McCarthy, John, roofing.....                                 | \$866 77   |            |
| Keavy, M., roofing .....                                     | 55 25      |            |
|  |            | 922 02     |
| Moriarty, J. L., & Co., electrical work.....                 | \$665 00   |            |
| Electric Carriage Call Company, electrical work.....         | 1,053 56   |            |
| Hurwitz, H., electrical work.....                            | 1,069 30   |            |
|  |            | 2,787 86   |
| McCleary, Jas., painting.....                                | \$1,711 25 |            |
| Nugent, Thos. M., painting.....                              | 494 72     |            |
|  |            | 2,205 97   |
| Haus, Caspar, mason work.....                                | \$1,329 95 |            |
| Interborough Rapid Transit, mason work.....                  | 1,024 63   |            |
| Gallagher, Patrick, mason work.....                          | 1,654 96   |            |
| Parker, J. H., mason work.....                               | 205 00     |            |
| Connors, Thos., mason shoring.....                           | 1,900 00   |            |
|  |            | 6,114 54   |
| Smith, J. J., hire of horse and wagon.....                   | \$140 00   |            |
|  |            | 140 00     |
| Read, Chas., carpenter work.....                             | \$576 58   |            |
| Sayward, John F., & Co., carpenter work.....                 | 1,433 10   |            |
| Boyce & Lynch, carpenter work.....                           | 3,781 17   |            |
| Peckworth, Chas. H., carpenter work, etc.....                | 2,412 00   |            |
|  |            | 8,202 85   |
| Gateson, Chas., awnings, covering pipe, etc.....             | \$2,276 07 |            |
| Morehead, S., oils and boiler compound.....                  | \$34 45    |            |
| White Chemical Co., oils and boiler compound.....            | 130 64     |            |
|  |            | 165 09     |
| Zimmerman, Chas., clean glass.....                           | \$10 00    |            |
| Frank, P. M., disinfectant.....                              | \$247 50   |            |
| Antozone Chemical Co., disinfectant.....                     | 131 50     |            |
|  |            | 379 00     |
| Sullivan, Thos., repairs to furniture.....                   | \$102 90   |            |
| Doherty & Co., furniture, carpets, etc.....                  | \$797 85   |            |
| Bowe, Thos., furniture, carpets, etc.....                    | 17 10      |            |
| Stromayer, W. A., furniture, carpets, etc.....               | 445 00     |            |
|  |            | 1,259 95   |
| Metropolitan Equipment Co., hardware and miscellaneous....   | \$36 00    |            |
| Sundry persons, hardware and miscellaneous.....              | 290 58     |            |
|  |            | 326 58     |
| Remington Typewriter, typewriter supplies.....               | \$72 80    |            |
| Pearson, McGlynn & Co., elevators and repairs to elevators.. | \$144 74   | 72 80      |

| To Whom Paid and Description.                               | Amount.     | Total:      |
|---|-------------|-------------|
| Nelson Machine Co., elevators and repairs to elevators..... | 263 35      | 408 09      |
| Kanouse Water Co., water.....                               | 21 50       | 21 50       |
| Charitable Institutions, supplies.....                      | 158 68      | 158 68      |
| Barber Asphalt Co., removing asphalt.....                   | 308 36      |             |
| Degnon Contracting Co., repairing asphalt.....              | 439 35      | 747 71      |
| Dillon, Chas. F. P., repairing portraits.....               | 350 00      | 350 00      |
| Total.....  | \$35,618 35 | \$35,618 35 |

## EXHIBIT "B."

Special and Trust Accounts, 1904, Permission Granted by Board of Aldermen to Purchase Without Public Letting.

| To Whom Paid and Description.                        | Amount.    | Total:      |
|--|------------|-------------|
| P. J. McErrol, plumbing.....                         | \$387 85   | \$387 85    |
| Louis Weschler, painting.....                        | 98 00      |             |
| T. M. Nugent, painting.....                          | 1,300 00   |             |
| James McCleery, painting.....                        | 1,000 00   | 2,398 00    |
| J. H. Little & Co., furniture, etc.....              | \$3,276 22 |             |
| J. R. Keene & Co., furniture, etc.....               | 967 50     |             |
| Frank Goll, furniture, etc.....                      | 1,274 90   |             |
| P. W. Valletty, furniture, etc.....                  | 273 50     |             |
| J. W. Mead, Agt., furniture, etc. (prison).....      | 637 53     |             |
| Doherty & Co., furniture, etc.....                   | 320 00     |             |
| Thos. Bowe & Co., furniture, etc.....                | 2,175 99   |             |
| Globe-Wernicke Co., furniture, etc.....              | 55 20      |             |
| New York Metallic Furniture Co., furniture, etc..... | 302 11     |             |
| Bernstein & Bernstein, architects.....               | 500 00     | 9,282 95    |
|  |            | 500 00      |
|  |            | \$12,568 80 |
|  |            | \$12,568 80 |

Special and Trust Accounts, 1905—Permission Granted by Board of Aldermen to Purchase Without Public Letting.

| To Whom Paid and Description.                                    | Amount.    | Total:      |
|--|------------|-------------|
| J. McCleary, painting.....                                       | \$958 65   |             |
| J. P. McWalters, painting.....                                   | 133 75     | \$1,092 40  |
| Frank Goll, furniture, carpets, etc.....                         | \$1,980 15 |             |
| Doherty & Co., furniture, carpets, etc.....                      | 551 63     |             |
| Thomas Bowe & Co., furniture, carpets, etc.....                  | 1,395 71   |             |
| John Wanamaker, furniture, carpets, etc.....                     | 67 50      |             |
| John H. Little & Co., furniture, carpets, etc.....               | 35 00      |             |
| Charles K. Baker, agent, furniture, carpets, etc. (prisons)..... | 1,318 05   |             |
| Metropolitan Equipment Company, furniture, carpets, etc.....     | 348 00     | 5,696 04    |
| American Book Bracket Company, office fittings.....              | \$130 00   |             |
| Finn Bros., office fittings.....                                 | 95 00      |             |
| J. L. Cotter, office fittings.....                               | 1,465 00   |             |
| Parquetry Rubber Tile Company, office fittings.....              | 608 83     | 2,298 83    |
| M. J. Sullivan, removing furniture.....                          | \$879 00   |             |
| Electrical Carriage Call Company, electrical work.....           | \$1,234 75 |             |
| T. D. Connors, mason work.....                                   | 400 00     | 1,234 75    |
| Boyce & Lynch, carpenters.....                                   | \$681 50   |             |
| Casper Haus, carpenter.....                                      | 466 90     | 400 00      |
| Bernstein & Bernstein, architects.....                           | \$190 01   | 1,448 40    |
|  |            | 190 01      |
|  |            | \$13,239 43 |

No. 1898e.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, January 19, 1907.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In order to be able to verify the amounts stated to be due the City by railway companies from 1889 (not 1899 as they state) to June 4, 1906, for paving between tracks, on page 74 of the Bureau of City Betterment's pamphlet, referring to the office of the Borough President of Manhattan, we have, in addition to the amounts stated to be due in our report of January 7, 1907, brought our examination up to analogous dates, the result of which is shown on the attached exhibit, a copy of which we have also transmitted to the Corporation Counsel.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. VON SKAL,  
Commissioners of Accounts.

BOROUGH PRESIDENT, MANHATTAN, BUREAU OF HIGHWAYS.

Total of Bills Dated January 9, 1906, Rendered for Repaving Work, Between and Two Feet Each Side of the Tracks.

Bills for Work Done in 1905, Dated January 9, 1906.

| Name of Railroad.                         | Asphalt Sheet. | Asphalt Block. | Wood Block. | Granite Block. | Total.  |
|---|----------------|----------------|-------------|----------------|---------|
| New York and Harlem Railroad Company..... | \$37 80        | .....          | .....       | .....          | \$37 80 |
| Seventh Avenue Railroad Company.....      | 27 93          | .....          | .....       | .....          | 27 93   |

| Name of Railroad.   | Asphalt Sheet. | Asphalt Block. | Wood Block. | Granite Block. | Total.      |
|---|----------------|----------------|-------------|----------------|-------------|
| Chambers Street and Grand Street Railroad Company.....              | .....          | .....          | \$6,331 50  | .....          | 6,331 50    |
| Sixth Avenue Railroad Company.....                                  | 130 51         | .....          | .....       | .....          | 130 51      |
| Central Crosstown Railroad Company.....                             | 316 23         | .....          | .....       | .....          | 6,117 51    |
| Lexington Avenue Railroad Company.....                              | 5,801 28       | .....          | .....       | .....          | 134 00      |
| Fourth Avenue Railroad Company.....                                 | 134 00         | .....          | .....       | .....          | 2,314 19    |
| Central Park, North and East River Railroad Company.....            | 2,248 69       | \$65 50        | .....       | .....          | 1,771 45    |
| Second Avenue Railroad Company.....                                 | 1,073 69       | 697 76         | .....       | .....          | 7,122 36    |
| Avenue C Railroad Company.....                                      | 1,049 19       | .....          | 6,073 17    | .....          | 10,360 26   |
| Dry Dock, East Broadway and Battery Railroad Company.....           | 22 55          | .....          | 10,337 71   | .....          | 3,352 44    |
| One Hundred and Twenty-fifth Street Crosstown Railroad Company..... | 3,352 44       | .....          | .....       | .....          | 2,581 63    |
| Second Avenue Railroad Company.....                                 | 452 42         | .....          | .....       | .....          | 3,019 44    |
| Forty-second Street and Grand Street Ferry Railroad Company.....    | 2,129 21       | .....          | .....       | .....          | 23,975 75   |
| Eighth Avenue Railroad Company.....                                 | 3,019 44       | .....          | .....       | .....          | 636 12      |
| Third Avenue Railroad Company.....                                  | 2,411 37       | .....          | .....       | .....          | 1,142 98    |
| Bleecker Street and Fulton Ferry Railroad Company.....              | 387 94         | .....          | 755 04      | .....          | 5,288 20    |
| One Hundred and Sixteenth Street Crosstown Railroad Company.....    | 5,288 20       | .....          | .....       | .....          | 51 61       |
| Metropolitan Crosstown Railroad Company.....                        | 51 61          | .....          | .....       | .....          | 199 41      |
| Tenth Avenue Railroad Company.....                                  | 199 41         | .....          | .....       | .....          | \$77,006 46 |

Total Billed to June 4, 1906, for Repaving Work Between and Two Feet Each Side of the Tracks.

Bills for Work Done in 1905, Billed to June 4, 1906.

| Date of Bill. | Name of Railroad.   | Asphalt Sheet. | Asphalt Block. | Wood Block. | Granite Block. | Total.     |
|---------------|---|----------------|----------------|-------------|----------------|------------|
| 1906.         |   |                |                |             |                |            |
| Jan. 18.      | Union Railway Company..   | \$20 80        | .....          | .....       | .....          | \$20 80    |
| Jan. 18.      | One Hundred and Sixteenth Street and Lenox Avenue Railroad Company..... | 1,244 02       | .....          | .....       | .....          | 1,244 02   |
| May 31.       | Avenue C Railroad Company.....  | .....          | \$909 89       | .....       | .....          | 909 89     |
| May 31.       | Forty-second Street and Grand Street Ferry Railroad Company.....        | 1,791 20       | .....          | .....       | .....          | 1,791 20   |
|               |   | \$3,056 02     | \$909 89       | .....       | .....          | \$3,965 91 |

No. 1898f.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, January 21, 1907.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our "special examination," we beg to report that on page 74 of the Bureau of City Betterment's pamphlet on the administration of the Borough President of Manhattan, it is stated in detail that there is due the City from street railroads for paving within and two feet outside of the tracks, from 1889 (not 1899, as they state) to June 4, 1906, the sum of \$1,512,529.19.

Our audited figures, which were taken from our several reports made on the dates as shown below, which reports were made up from figures obtained from the Department of Highway records at that time, show that there is due the City from this source the following amount, as made up from the attached compilation:

## Recapitulation.

| Report No. | Date of Report. | From.                                | Amount Due.    |
|------------|-----------------|--------------------------------------|----------------|
| 214.       | Jan. 5, 1899.   | January, 1889, to January, 1898..... | \$875,460 30   |
| *605.      | Apr. 20, 1900.  | Year 1898 .....                      | 50,105 60      |
| 1034.      | Sept. 25, 1901. | Year 1900 .....                      | 127,965 89     |
| 599.       | Aug. 2, 1904.   | Year 1901 .....                      | 186,686 58     |
| 599.       | Aug. 2, 1904.   | Year 1902 .....                      | 78,838 00      |
| 1191.      | Jan. 7, 1907.   | Year 1903 .....                      | 31,374 26      |
| 1191.      | Jan. 7, 1907.   | Year 1904 .....                      | 41,760 35      |
| 1196.      | Jan. 17, 1907.  | Year 1905 .....                      | 77,006 46      |
| 1196.      | Jan. 19, 1907.  | 1906, to June 4.....                 | 3,965 91       |
|            |                 | Total due June 4, 1906.....          | \$1,473,163 35 |

\* No charges were entered on the books of the Department of Highways for the year 1899.

The figures as given by the Bureau of City Betterment, if obtained from the same source, should agree with ours.

The following is the difference between the two statements:

|                                |                |
|--------------------------------|----------------|
| Bureau of City Betterment..... | \$1,512,529 19 |
| Commissioners of Accounts..... | 1,473,163 35   |
| Difference .....               | \$39,365 84    |

A copy of this report has also been transmitted to the Corporation Counsel.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.



"In presenting the following data, it is not our purpose to unduly criticize the administration of the former Borough President, but rather to call the attention of the present President of the Borough to the provisions of the Charter above quoted, to the end that no occasion may arise for an unfavorable comment upon his administration.

"It appears to us that in most cases where labor and material for repair work was paid for by requisition and order, it was practicable to have contracted for the work at public letting.

"In support of this view of the case, the following facts obtained from the records of the bureau are given:

"Charles J. Crowley was given 27 orders during a period of 89 days, for painting and decorating rooms in the Criminal Courts Building, devoted to the use of the District Attorney, the payments aggregating \$6,710.20, as follows:

| Number<br>Orders. Month. | Estimated<br>Cost. | Actual<br>Cost. |
|--------------------------|--------------------|-----------------|
| 15. February .....       | \$3,835 00         | \$4,108 03      |
| 1. March .....           | 150 00             | 166 50          |
| 11. April .....          | 2,235 00           | 2,435 67        |
| —                        |                    |                 |
| 27.                      | \$6,235 00         | \$6,710 20      |

"The wording of the specifications accompanying the orders for the repair work above mentioned, as hereinafter quoted, shows that the work was all of a similar character and was required in the several rooms used by the District Attorney, in the Criminal Courts Building, and therefore it appears feasible to have been done by contract at public letting to the lowest bidder."

Following the above in said report, in order to emphasize the contention of the Commissioners of Accounts, the wording of the specifications, as shown on each of the 27 orders, was presented, covering six pages of said report, the details of which we omit in order to not unduly encumber this report.

In concluding said report, the following language is then used by the Commissioners of Accounts:

"It is evident from the foregoing copies of the specifications that the work was of a similar character and on the same premises.

"A comparison of the requisition numbers and dates and the order numbers and dates shows that they are not in serial order, and the impression might be created that they were so arranged as to avoid the issuing of requisitions in excess of one thousand dollars in one day; in support of this impression, the following table is offered:

"Combined Dates of Orders and Requisitions.

| Date.   | Order<br>No. | Date.    | Requisition<br>No. | Estimated<br>Cost. | Amount<br>Paid. |
|---------|--------------|----------|--------------------|--------------------|-----------------|
| April 1 | 1040         | March 31 | 1242.....          | \$250 00           | \$258 45        |
| April 1 | 1055         | March 31 | 597.....           | 250 00             | 338 60          |
| April 1 | 1069         | March 31 | 1268.....          | 100 00             | 111 60          |
| April 1 | 1070         | April 1  | 1269.....          | 75 00              | 72 52           |
| April 2 | 1078         | April 1  | 1272.....          | 175 00             | 167 30          |
| April 2 | 1079         | April 1  | 1273.....          | 200 00             | 209 05          |
|         |              |          |                    | \$1,050 00         | \$1,157 52      |

"The Finance Department held these bills up upon the ground that the provisions of section 419 of the Charter had been violated, but subsequently allowed them to be audited and paid, upon the excuse, presented by the Superintendent of Public Buildings and Offices, that the repairs were needed at once, and that therefore the time required for advertising and competitive bidding could not be spared.

"If, as stated by the Superintendent of Public Buildings and Offices, in his letter of explanation to the Comptroller, the repairs in the District Attorney's rooms were needed with more than ordinary dispatch, and such fact was known by him at that time, we think it would have been better had he obtained permission from the Board of Aldermen to have the repairs done without contract, as provided in section 419 of the Charter, and thereby avoided the possibility of criticism.

"Many of the Departments in the City have been, at different times, subjected to adverse criticism for this evasion of the provisions of law, and we therefore believe that in order to prevent such criticism in the future, it would be advisable to always obtain the permission of the Board of Aldermen for the expenditure of money for repairs or supplies where the same in the aggregate will amount to over \$1,000, as is provided in section 419 of the Charter, before incurring such liability."

Excerpts from Pamphlet of "How Manhattan is Governed," Facts You Should Know About the Administration of the Borough of Manhattan.

Published by the Bureau of City Betterment of the Citizen's Union of The City of New York, year 1906.

Introduction (Pages 10 and 11).

This pamphlet deals with the administration of the Borough of Manhattan, and the Presidency of John Francis Ahearn, during the years 1904 and 1905. The purpose of the inquiry into the administration of the Borough was as follows:

First—To ascertain the facts respecting that administration.

Second—To suggest its improvement along specific lines.

Facts and suggestions are both included in the pamphlet.

The suggestions relate chiefly to the ends to be achieved rather than to the method of their achievement.

Public Baths.

Both the ends and the means are suggested.

The pamphlet suggests no remedy for the evil it exposes with respect to the purchasing of supplies and expenditures of money without public contract.

It shows that during the years 1904 and 1905, the various Bureaus under President Ahearn and his own office expended more than a million dollars without public contract.

Most of the moneys were expended without the formalities which are designed to conserve the City's interests, and to secure for it the greatest value for its expenditures.

Represents Wanton Disregard of Ordinary Business Judgment.

It is believed that the publication of these expenditures will, in itself, do much to remedy the evil.

EXCERPTS FROM PAGE 87 OF THE PAMPHLET.

Expenditures of the Borough President (Without Contract).

"The Borough President, like the heads of other City Departments, has the right to purchase supplies and to carry out public improvements without public letting, if the expenditure involved in each case does not exceed \$1,000. This privilege is a valuable one in all Departments from the patronage point of view, and while bids are not infrequently invited when supplies are to be purchased in lots of \$1,000 and less, it does not necessarily follow that the lowest bidder is successful."

As the subject of this report deals only with "Emergency or Repair Work," we pass any comments made by the Bureau of City Betterment on the "Purchase of Supplies," and present the following quotations:

Repair Work (Pages 90, 91 and 92).

"The foregoing figures are even more illuminative than those relating to purchase of supplies. For plumbing, Joseph W. O'Brien received \$27,635.28 in 1904, and \$25,175.11 in 1905, a total of \$52,810.39, his bills numbering 104. The remainder of the work was divided among four men, of whom John F. Sweeney was the most fortunate. He received \$2,087.14 in 1904 and \$811.74 in 1905.

"Surely such extensive plumbing work should call for contracts, and the same comment holds true in connection with the amounts expended for carpenter and electrical work and painting. Eight firms got a share of the amount expended for carpenter work. Michael H. Lynch (later Boyce & Lynch), received \$12,106.91 in 1904, and \$11,441.17 in 1905, a total of \$23,548.08. Sexton & Odell got \$5,904.88 in 1904, and \$536.91 in 1905, a total of \$6,441.79. Charles H. Peckworth, \$2,162.92 in 1904, and \$3,286.95 in 1905, the total being \$5,449.87. Mr. Peckworth received \$1,865.20 alone for work done at the City Hall, this amount being paid in four warrants."

Quotation from Pamphlet of Bureau of City Betterment on the Administration of the Borough of Manhattan.

Pages 91 and 92.

"Very few actual violations of the Charter with respect to the purchase of supplies without contract can occur, owing to the vigilance of the Comptroller.

"In the following cases the spirit of the Charter, at any rate, was violated, as the work clearly should have been foreseen and accomplished by means of a contract.

"The floating baths obviously were used to distribute patronage as well as to afford recreation to boys and girls in summer.

"In 1905, the repairs on baths were apparently chiefly made by Boyce & Lynch, carpenters. For this work they were paid as follows, viz.:

|  |          |
|--|----------|
| August 1, 1905, warrant No. 10467.....     | \$861 39 |
| September 18, 1905, warrant No. 12741..... | 810 00   |
| October 15, 1905, warrant No. 13367.....   | 765 50   |

Total..... \$2,436 89

"Thus a \$2,000 carpenter job was handled without public contract by the simple device of making the payments in three installments (all charged to the same account) in sums safely under the \$1,000 limit."

Thus having a concrete case presented by the Bureau of City Betterment, where the claim is made that section 419 of the Charter was violated in spirit if not in the letter, we submit such facts as are shown by the vouchers in question, which were audited and paid by the Comptroller.

The following are the dates of the bills presented by Messrs. Boyce & Lynch, for which the above warrants were drawn, viz.:

| Warrant. | Date of Bill.           | Amount.  |
|----------|-------------------------|----------|
| 10467.   | July 12, 1905.....      | \$861 39 |
| 12741.   | August 14, 1905.....    | 810 00   |
| 13367.   | September 14, 1905..... | 765 50   |

Boyce & Lynch's bill of July 12, 1905, was for the following purpose:

To repairing and altering the floating baths in the basin at Twenty-second street, South Brooklyn, and is composed of the following items:

|                               |         |
|-------------------------------|---------|
| Screws, spikes and nails..... | \$34 00 |
| Lumber.....                   | 387 39  |
| Labor at \$5 per diem.....    | 440 00  |

Total bill..... \$861 39 100 per cent.

On said bill there appears the following certifications, viz.:

Correct, E. T. Hyde, Jr., Foreman.

Correct, William H. Walker, Superintendent Public Buildings and Offices.

This bill, attached to a voucher (a copy of which is hereto attached and marked Exhibit "A") was then sent by the Superintendent of Public Buildings and Offices to the Comptroller's office for payment.

From the record it appears that the Comptroller's office noticed that Boyce & Lynch's previous bill amounted to about \$4,740, in consequence of which the customary "Notice" was attached to said bill and voucher, and returned to the President of the Borough of Manhattan for an explanation, of which the following is a copy:

Notice.

This voucher is submitted for such action as may be necessary under section 419 of the Greater New York Charter.

(Signed) A. D., Clerk.

Previous bills \$4,740 about.

In reply thereto the Superintendent of Public Buildings and Offices sent a memorandum of which the following is a copy:

"Office of the Commissioner of Public Works, {  
"New York, July 14, 1905.

"In relation to the annexed claim of Boyce & Lynch for work performed on the free floating baths, I beg to say that most of the work chargeable against Public Bath Fund has been advertised and let on contract. The work embraced in this voucher is for repairs that were unforeseen and therefore could not be specified so that a contract might be let, as they cover work of patching and repairing that cropped up from time to time.

(Signed) WILLIAM DALTON,  
"Superintendent of Public Buildings and Offices."

Upon receipt of this explanation, the following certification was stamped on the face of the before-described notice of the Comptroller's in reference to section 419 of the Charter:

"No action necessary under section 419.

(Signed) "W. McKinney, Chief Auditor."

Thereafter the Comptroller's "Inspector" certified as follows, viz.:

"I certify that the work mentioned has been satisfactorily performed and that the charge therefor is reasonable and just."

The following facts with respect to each voucher for which a warrant has been drawn by the Comptroller are herewith shown:

Warrant No. 10467.

On June 17, 1905, Messrs. Boyce & Lynch were requisitioned to furnish and deliver to free floating baths, chargeable to Bureau of Public Buildings and Offices, Supplies and Repairs in the following language:

"Necessary labor and material to make repairs and alterations to the carpenter work on the above baths that may be required and ordered during the remainder of the month of June, 1905.

"To be done to the satisfaction of the President of the Borough."

On said requisition there appears the following certification, viz.:

\* \* \* "I certify to the necessity of the above work and supplies, and that the expenditure thereof has been duly authorized and appropriated."

"A certificate of the necessity of the above expenditure was placed on file in this Department before the expenditure was incurred."

"WILLIAM DALTON,  
Commissioner of Public Works."

"John F. Ahearn, President of the Borough of Manhattan."

"William H. Walker, Superintendent."

Following which the "Comptroller's Examiner of Claims" certifies as follows, viz.: "I have examined this claim and certify that it is correct as to calculations, extensions and proper certification; and that no claim for the work or supplies done or furnished under the date mentioned in the above claim has heretofore been presented or paid."

In addition, the Superintendent of Public Buildings and Offices, as also the Commissioner of Public Works, and then acting President of the Borough of Manhattan, also certified as required by the Comptroller.

The usual voucher form is as shown in Exhibit "A," hereto attached.

Finally, we find the following certificate of the "Auditor" of the Comptroller.

"Certificate of Audit of Accounts.  
Department of Finance, Auditing Bureau,  
August 1, 1905."

"I hereby certify to the Comptroller that I have examined, audited, revised and settled this account for the sum of \$861.39."

"I find that the expenditure was lawfully incurred and that the charge therefor is reasonable and just. The warrant is correctly drawn and payment should properly be made from the fund shown thereon."

(Signed) "ED. J. CONNELL, Auditor of Accounts."

Boyce & Lynch's bill of August 14, 1906, was for the following purpose: To building bridge and platforms and repairing the floating baths in basin at Twenty-second street, South Brooklyn, and at their various stations in Manhattan, and is composed of the following items:

No. 12741.

| Bill of August 14, 1905— |  |         |          |      |  |
|--------------------------|--|---------|----------|------|--|
| Spikes and nails.....    |  | \$30 00 |          |      |  |
| Lumber .....             |  | 310 00  |          |      |  |
| Labor .....              |  |         | \$340 00 | 42%  |  |
|                          |  |         | 470 00   | 58%  |  |
|                          |  |         | \$810 00 | 100% |  |

Boyce & Lynch's bill of September 14, 1906, was for the following purposes:

To labor and material used on the various public floating baths at the various stations in the Borough of Manhattan, and is composed of the following items:

No. 14367.

| Bill of September 14, 1905— |  |        |          |      |  |
|-----------------------------|--|--------|----------|------|--|
| Nails .....                 |  | \$7 50 |          |      |  |
| Lumber .....                |  | 288 00 |          |      |  |
| Labor .....                 |  |        | \$295 50 | 39%  |  |
|                             |  |        | 470 00   | 61%  |  |
|                             |  |        | \$765 50 | 100% |  |

The same certifications appear on these bills as hereinbefore described on the bill of July 12, 1905, as also on Requisition attached to said bills, and the Comptroller's notice in reference to section 419 as heretofore described is also attached to each.

The Comptroller's vouchers, attached to these bills, contain also the same certifications of the Comptroller's Inspector, Examiner of Claims, and the Auditor of Accounts, as hereinbefore described, and in addition to those shown on Exhibit "A" hereto attached.

Attached to Voucher No. 12741, we find the following correspondence between the Comptroller's office and the Commissioner of Public Works, viz.:

(Copy)

"August 28, 1905.

"Claims

"McK.

"Hon. JOHN F. AHEARN, President, Borough of Manhattan:

"Sir—A voucher has been filed in the Department of Finance in favor of Boyce & Lynch for the sum of \$810.00 for labor and material to make repairs and alterations to the carpenter work on the free floating baths, the work being performed under authority of an order issued out of your office on July 1, 1905.

"Kindly advise me if the work embraced in voucher constituted a finished job or if any additional work of the same character was required to complete it.

"I would also ask if bids were received, that copies of same be transmitted to this office.

"Respectfully,

"\_\_\_\_\_, Deputy Comptroller."

(Copy.)

Offices of the Commissioner of Public Works, Borough of Manhattan,  
Nos. 13 to 21 Park Row, New York,

September 7, 1905.

William Dalton, Commissioner.

2721 Fi.

"Claims."

Hon. N. TAYLOR PHILLIPS, Deputy Comptroller:

Dear Sir—In reply to your letter of August 28, addressed to President Ahearn, relative to voucher in favor of Boyce & Lynch, for the sum of \$810 for labor and material to make repairs and alterations to the carpenter work on the free floating baths, I beg to quote the following report by the Superintendent of Buildings and Offices in relation thereto:

"I beg to say that the work enumerated in this claim embraces a finished job, but the work being done by these contractors is of an emergency nature, and arises from time to time, and if immediate attention were not given to the work that shows itself on the baths, it would result in serious damage, not only to the structures themselves but to life and limb. It was only a short time ago that a child was killed at the Seventeenth Street Bath through the falling of a wooden gate, and a suit has been entered against the City for carelessness in the premises, although men were at work making repairs at the bath at the time. I simply cite this case to show that no delays can be permitted on this kind of work. Everything that could have been specified and advertised for work on the free floating baths was let on contract, and these contractors are simply performing work of an emergency nature that arises from time to time, which is necessary to protect the baths and to remove danger to life and limb. The work was performed by day's work because this is the only way it could have been done, since it cannot be determined how much or how little will be required during a given month. Therefore no one could intelligently set a price on this kind of work."

Very respectfully,

(Signed) JAMES J. HAGAN, Assistant Commissioner.

Attached to Voucher No. 14367 we find the following correspondence from the Superintendent of Public Buildings and Offices to the Comptroller:

"City of New York, President of the Borough of Manhattan,  
"Offices of the Commissioner of Public Works,  
"Bureau of Public Buildings and Offices,  
"Superintendent's Office, Nos. 13 to 21 Park Row,  
"New York, September 2, 1905.

Hon. EDWARD M. GROUT, Comptroller:

"Dear Sir—In relation to the annexed voucher in favor of Boyce & Lynch for the sum of \$765.50 for making repairs and alterations to the carpenter work on the

Free Floating Baths, I beg to say that the repairs were made at the respective berths of the Free Floating Baths. The largest part of this work was let out by contract, but the work charged for on the attached bill covers repairs and erection of platforms at the several locations, and the necessity for this work could not be foreseen, and hence could not be advertised, it being emergency work.

"This completes all work of this character for the remainder of the year.

"Respectfully,  
(Signed) WILLIAM H. WALKER,  
"Superintendent, Public Buildings and Offices."

Bureau of City Betterment Contention.

Thus it will be seen that the Bureau of City Betterment contends that the Superintendent of Public Buildings and Offices in many cases should let "Repair Work" by contract instead of giving out said work without public letting, notwithstanding the fact that the Comptroller, after having made in nearly every instance due inquiry, audited and paid the bills.

Their conviction of violations seems to be so firm that they even deprecate the provisions in the Charter in reference to the powers of the Board of Aldermen, as will be seen by the following quotation taken from page 91 of their pamphlet:

"The Charter permits borough presidents and heads of departments to exceed the one thousand dollar limit in purchasing supplies and making repairs when the Board of Aldermen gives its approval by a three-fourths vote.

"This provision is obviously intended to afford a means of avoiding the restrictions of the charter, respecting the expenditure of sums over one thousand dollars, in cases of emergency.

"Several illustrations of the use of this emergency clause will be of interest. One thousand and one hundred and forty-five dollars worth of carpet was bought for the General and Special Sessions Court rooms in July, 1904, and the order was given to Thomas Bowe & Co. Similarly, a \$1,465 job was given to John L. Cotter for carpenter work."

Commissioners of Accounts' Contention.

As has been heretofore shown, cases have occurred in the various departments and bureaus, now embraced in the Borough President's office, where the Commissioners of Accounts have also reported on similar seeming violations of section 419 of the Charter, notwithstanding the fact also that the Comptroller had audited and paid the bills.

We have therefore on the one hand, presented by the Bureau of City Betterment, a bald statement, without any attempt at proof, that a city official violated the spirit at any rate of section 419 of the Charter, while on the other hand, we find the financial officer of the city (the Comptroller), after having made careful inquiry as to the merits of each case, to hold that it is not a violation of section 419 of the Charter, from the fact that the three vouchers in question were certified to by his inspectors, examiners and auditors, and finally paid by him.

Comments by the Commissioners of Accounts.

As shown by the extracts from reports of the Commissioners of Accounts, they have in the past also held to the opinion that cases have occurred in the various bureaus now under the jurisdiction of the President of Manhattan Borough, where the Charter provision was violated, despite which opinion the bills have been audited and paid by the Finance Department.

In the question now raised by the Bureau of City Betterment, we have on the one hand its bald statement that the spirit of the law has been violated, which statement is not even attempted to be supported by proof, and for lack of evidence would be given no weight in a court of equity; on the other hand, we find that the Comptroller on the face of the vouchers has raised the same question, but after an extended inquiry, conducted by his examiners, inspectors and auditors, has decided that there was no infraction of the law and that the bills were justly entitled to payment.

It is clear to our minds that the Bureau of City Betterment unwittingly involves the Finance Department in its practical indictment of the Borough President for, if the accounts referred to were in fact contracted in violation of the provisions of the Charter, their payment was equally an infraction of law.

No Practical Remedy Suggested by the Bureau of City Betterment.

The Bureau of City Betterment appears to be of the opinion that its public exposure of a wrong committed is a sufficient remedy to prevent a repetition thereof, an opinion that we cannot concur in.

It would seem to us far better to have the question settled first whether a wrong, or even an error of judgment, had in fact been committed, and if so, to provide a more practical remedy than mere public exposure, if the law itself does not now afford the necessary check to a violation of Charter provisions.

This is a subject which we think may well be left for discussion until the paramount question is determined.

The three bills of Boyce & Lynch seem to be the subject of special consideration by the Bureau of City Betterment, and as these bills appear to be concrete and crystallized instances, from their view-point, of violations of section 419 of the Greater New York Charter, it seems to us that it might be the part of wisdom to make such expenditures the subject of semi-judicial, or even judicial, inquiry.

While the method of accomplishing the transactions criticised by the Bureau of City Betterment may be open to question, as public business frequently is, the result of a special inquiry might only indicate the existence of an honest difference of opinion as to how best to perform an item of municipal business, as between the method employed by the Borough President and that of public letting, as urged by the Bureau of City Betterment. On the other hand, such special inquiry might reveal conditions of a character that would substantiate the criticism of the Bureau of City Betterment, which would thus have accomplished an important civic object.

However, there is a well-defined principle involved in this matter, that of safeguarding the City treasury by the prevention of improper expenditures therefrom, and if the criticism of the Bureau of City Betterment means anything, it is a charge, publicly made, that the three bills hereinbefore mentioned have been wrongfully and illegally incurred and paid.

It is therefore respectfully suggested that in the inquiry to be instituted and conducted by the Corporation Counsel the representatives of the Bureau of City Betterment, the Borough President and his officers and subordinates who are responsible for the incurring of the bills, and the Comptroller and his officers and subordinates who are responsible for the payment of the bills, be required to attend and testify under oath as to their knowledge of the facts and conditions relating thereto.

It might be suggested as an alternative method of inquiry, upon which a judicial decision could be obtained, that the Bureau of City Betterment be invited by the Corporation Counsel to institute a taxpayer's proceeding against the Comptroller, as the fiscal officer of the City, for the recovery of the moneys alleged to have been wrongfully paid out of the City treasury.

Whichever method be adopted, doubtless all the facts and conditions would be laid bare, the public be made aware of the exact truth, a vexed question would be settled and the blame for the wrongful act or wrongful charge, if such there were, be placed where it belongs.

On December 20, 1906, we addressed a letter to the Superintendent of Buildings requesting information as to the method he has adopted for securing bids for repair work, to which he replied on December 21, and at the same time he inclosed a copy of a letter, dated November 24, 1906, addressed to the Superintendent of Public Buildings and Offices, to the President of the Borough of Manhattan.

We also, on January 15, 1907, addressed another letter to the Superintendent of Public Buildings and Offices for detailed description of the nature of the work performed as called for on the bills in question, to which we received his reply in letter dated January 17, 1907.

Copies of all of the above mentioned letters are hereto attached for use in the inquiry we have suggested.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

## EXHIBIT "A."

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, December 20, 1906.

WILLIAM R. WALKER, Esq., Superintendent, Bureau of Public Buildings and Offices, Borough President of Manhattan, Park Row Building, City:

Sir—Will you please advise us what method you have adopted in the past two years for securing bids for repairs to buildings, or in the purchase of supplies, where the amount involved was less than one thousand dollars?

Were bids solicited from more than one person in the same line of business, and were such bids made in writing?

Do the records of your office contain any evidence covering these questions?

Yours respectfully,  
(Signed) JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

President of the Borough of Manhattan,  
Offices of the Commissioner of Public Works,  
Bureau of Public Buildings and Offices,  
New York, December 21, 1906.

Hon. JOHN C. HERTLE and Hon. GEORGE VON SKAL, Commissioners of Accounts, Stewart Building, City.

Gentlemen—In reply to your communication of the 20th inst., requesting to be advised as to the method adopted by this Bureau for securing bids for repairs to buildings, or for the purchase of supplies where the amount involved was less than one thousand dollars, also asking if bids were solicited from more than one person in the same line of business, and if such bids were in writing, and whether or not there were any office records covering these questions, I beg to say in order to answer this letter intelligently it will be necessary for me to explain the character and scope of duties that are administered by the Bureau. As you are probably aware the Bureau of Public Buildings and Offices is primarily an emergency bureau, and in the administration of its duties the first consideration is promptness and good workmanship. To accomplish good results in an efficient and economical manner it has been found as a result of an experience learned since the creation of the Bureau up to the present time, covering all manner of administrations, that it is necessary to have at your command contractors engaged in plumbing, steam work, carpentry work, masonry and other building trades who are familiar with the work involved in public buildings, and are willing to give the work their full time and attention at any time of the day or night, according to circumstances. The result from the employment of inexperienced mechanics would be disastrous, and a costly experiment. This practical method has been in vogue and stood the test of years of trial, and received the unqualified approval of every official who has administered the duties of this office. The Superintendent of Public Buildings and Offices must have absolute confidence in men who are engaged in mechanical work under his supervision, and in asking for invitation bids it is essential that the prospective bidder be supplied with a specification that will explain fully the extent of the work necessary to be done. This is a physical impossibility in many instances, because the extent of the damage done, or the repair required cannot be determined until flooring is removed, partitions taken down, pumps and engines and other machinery taken apart, therefore the full knowledge of conditions are not known until the job is practically completed. As an example: Only a short time ago, after the new Hall of Records was turned over to the City, the main steam line was found to be in leaky condition, and it was necessary to send a force of skilled mechanics at once to the building and work both day and night, in order that great damage to the machinery might be prevented, and the building closed by the breakdown of the steam plant. Where any repair is required I have the same examined and report made to me of the probable cost by an experienced mechanic, as well as an inspector of this office. I then form my conclusions as to the reasonableness or unreasonableness of the estimate. Before every order is issued the same is given careful consideration, and after the work is completed it is thoroughly inspected, both by this Bureau and the examiners of the Finance Department, and the cost of the job, the quality of materials furnished, and everything in connection with it passed on and audited.

You will see from the above remarks, and from the very nature of the transactions of this Bureau, in applying remedies in cases of emergency, that a system of invitation bidding could not be maintained. In other cases if a specification be prepared, and an order given thereon, unsatisfactory results would follow because differences of opinion would arise regarding the interpretation of the terms of the specifications, and the results desired in doing the job could not be accomplished.

The personal equation enters very largely in the work not of an emergency nature, and the desires and wishes of the Commissioners, heads of departments, or Justices of Courts, must be consulted during the progress of the work, and where work is done under orders which state that it must be done to the satisfaction of the President of the Borough, changes and alterations can be made as it goes along to suit the requirements of the office or court as the case may be, which could not be done if this work were done under specifications.

This Bureau has grown during the past few years to a great extent, owing to the addition of new buildings, particularly baths and comfort stations, and the consequence is a larger quantity of supplies will be required in the future, and in order to meet the new conditions that will arise, the clerks in this Bureau are engaged in tabulating the same, and wherever it is possible to prepare a specification that will intelligently describe what is desired, or where we can anticipate the wants of the Bureau for a year contracts will be let. Your office is aware, from past examinations of the records of the Bureau, that the same are kept in an approved and businesslike manner.

In answering the questions submitted in your communication, I am obliged to say that owing to the circumstances and conditions mentioned therein, it was impossible to follow a system of invitation bidding in accomplishing the important work of the Bureau.

I presume that the information requested is desired in connection with certain published allegations concerning the administration of the Borough President's office, and in order to supply you with further information for your guidance in the conduct of your investigation, I submit a copy of my report to the President of the Borough in this connection.

Respectfully,  
(Signed) WILLIAM H. WALKER,  
Superintendent of Public Buildings and Offices.

President of the Borough of Manhattan,  
Office of the Commissioner of Public Works,  
Bureau of Public Buildings and Offices,  
New York, November 24, 1906.

Hon. JOHN F. AHEARN, President, Borough of Manhattan:

Sir—In accordance with your instructions I have the honor to submit herewith my reply to the article emanating from the Bureau of City Betterment of the Citizens' Union, which article, in my opinion, is a studied misstatement of the facts, clearly indicating the ignorance of the subject matter, and the animus which actuated the authors in the preparation of the document in question. It shows a thorough lack of knowledge of conditions, as well as a lack of experience in discussing the administration of this Bureau, which would be humorous in its grotesqueness were it not for the gravity of allegations alleged therein, and the injury and damage that may result from wide publication of this article.

The article seeks by innuendo to convey the impression that this Bureau has been extravagant in the use of funds, and has bestowed upon favorites the benefits thereof, and leaves to the imagination of the public the wrong impression that large sums of money have been expended at one time in violation of the Charter, instead of presenting the truth as shown by the records of this Bureau (to which the authors had access), that these expenditures were made upon orders issued from time to time, and ranging in amount from \$5 to over \$900, clearly within the charter provisions, and only issued as necessity arose and demand required, for the proper maintenance and preservation of the property which is intrusted to the care of this Bureau.

The article does not state the necessity of the work performed; does not question the reasonableness of the cost of same, and fails to describe the benefits resulting therefrom to the public.

This Bureau has under its jurisdiction thirty-two public buildings which it cares for and maintains, also six public markets, eight public comfort stations and seven stationary baths, making a total of fifty-three public buildings. In addition to this there are fourteen free floating baths.

In the County Court House there are 26 parts of the Supreme Court, and two parts of the Surrogates' Court. In the brown stone building there are six parts of the City Court. In the Criminal Courts Building there are four parts of the Court of General Sessions; two parts of the Supreme Court, Criminal Branch, and the Court of Special Sessions; there are fourteen Municipal Courts, and six Magistrates Courts scattered throughout the Borough; also the Children's Court, making a total of sixty separate branches of the Judiciary, which this Bureau cares for, maintains and equips; in addition to the above list there are twenty-five public offices which this Bureau furnishes with office furniture, and other articles.

From the above statement an idea of the enormous amount of detail and labor involved in the supervision and management of the supplies and repairs furnished during a year may be had; the maintenance of which requires a force of 800 employees.

The valuation of the property under my care is approximately \$500,000,000, for the care and maintenance of which I received for Supplies and Repairs, including Public Baths and Comfort Stations:

|                      |              |
|----------------------|--------------|
| 1904.                | \$227,709 16 |
| 1905.                | 237,367 89   |
| Total for two years. | \$465,077 05 |

The annual appropriation is less than  $\frac{1}{2}$  of 1. of the property valuation, and the income from the public markets alone will more than cover the amount for maintenance and supplies for all of the public buildings. The revenue from the standholders in the public markets is about \$250,000 a year; add to the above amount the inestimable benefits derived by the public from the operation of the public bath system, and the successful and economical administration by this Bureau of its duties can be readily seen.

In no case has an order for supplies or repairs been issued in excess of \$1,000, except by resolution of the Board of Aldermen, and in these cases, the request for exemption was asked by the Justice of the Court, or the head of the department requiring the supply, or the repairs for which an appropriation was asked. Of these latter cases the records show few.

When consideration is taken of the large number of public buildings, baths and comfort stations with their extensive machinery, steam plants and intricate plumbing systems, and the great strain put upon these buildings and the machinery through continuous operation, and the enormous amount of daily traffic, that if immediate attention is not given to the repair of leaks in the plumbing or steam system, or to breaks in the machinery, the cost of which might be from \$100 to \$900, the result of delay, awaiting additional work that would exceed \$1,000, would be the destruction of vital parts of the building itself, as well as damage to carpets, office furniture, painting, plastering and other work, not to mention the inconvenience and the hindrance to public business that would result and cause an emphatic and just complaint from the citizens using the public buildings.

Most of the buildings are old, and consequently the plumbing, steam plants and machinery are in the same condition, requiring constant care and attention, the average life of the best workmanship in the installation of steam plants and plumbing systems is about fifteen years, therefore, constant and unceasing attention is required to maintain a standard of excellence in the operation thereof.

It is impossible and not within the scope of human intelligence to determine what work may become necessary by reason of accidents, or to foresee emergencies. If it were in my power to raise the curtain of the future I might be able to determine what work would be required, and to fix a reasonable valuation of the same, but I am not thus favored, and must accordingly follow the light that has been given me and be guided by precedents that have been in vogue and stood the test of many years, receiving the approval of the Commissioners of Accounts year after year, which have evolved themselves into a system that has become the most satisfactory and achieved the best results of any that could be devised. This system which now maintains in this Bureau accomplishes and serves what is for the best interests of this City, and is the result of years of development and constant improvement. From these remarks you can readily see how impractical and extravagantly theoretical are the allegations of the authors of this pamphlet when they ask that public letting be resorted to in work of the character above mentioned. Were we to follow their suggestions to a logical conclusion, the buildings would be without tenants most of the time, owing to the inability to transact business, through neglect to make immediate repairs; and buildings and offices would not be fit for the proper transaction of business.

The mechanical work in this Bureau when given on orders is intrusted to men who are thoroughly qualified by long years of experience to perform the same satisfactorily, and in a workmanlike manner, and by reason of their experience in the buildings and their familiarity with the plumbing and steam systems, the location of valves, piping, etc., they are enabled to save the City thousands of dollars, which would be wasted away by allowing the work to be done by contractors not qualified by experience.

The supplies furnished are the best to be obtained in the market, and the prices charged are reasonable. Supplies are only furnished on a requisition from the Justice of the Court or the head of the department, or custodians of buildings certifying to the necessity thereof for the proper transaction of the business of the court, office and building, as the case may be. Of course, we cannot expect these considerations to have any serious weight with men of the authors' calibre, who would prefer to theorize and condemn rather than be practical and achieve results. Their specialty is criticism, not initiative whose motives appear to result from political differences, as opposed to civic betterment.

This entire question of public letting, referred to in their pamphlet, has been threshed out from time to time by the Department of Finance, particularly in regard to the plumbing and steam fitting, and the matter was referred to the Corporation Counsel by Comptroller Grout for an opinion, which was tendered upholding the contention of this Bureau, that work of an emergency character must be done immediately and instructed the Comptroller to make payment on all claims therefor. It must not be lost sight of, that under no circumstances, except danger to life or limb, are orders issued for plumbing, steam or any other kind of work for an amount in excess of \$1,000. The orders run from \$20 to \$900, as the case may be, according to the fair valuation. The misleading character of the article will thus be seen from the explanation above set forth.

This article further states that \$15,180.23 was expended by this Bureau during 1904 and 1905 ("the chief item of which was carfare"), whereas the fact is that only \$5,650.10 was expended by this Bureau during the period mentioned for carfare expenses. This expense was incurred by the employees of this Bureau in the performance of their duties and duly audited on sworn statements of the recipients that such moneys were actually expended by them.

As to the large amounts expended for the services of experts, the remarks contained in the article are not worthy of attention, as every citizen knows that such services are absolutely necessary in all public work of an extensive nature in order to safeguard the public interests, and the items mentioned were incurred principally upon the new Hall of Records Building. These engineers and experts were employed by the Board of Estimate and Apportionment years previous to your administration.

Another example of the incorrectness of this article is that live steam for the County Court House was not purchased at public letting. Even a superficial investigation of conditions would have shown that the New York Steam Company, who furnished the supply, have no competitor, and further, this arrangement with the steam company has been in existence for years, and was handed to your administration.

The impression is given by the article in question that \$30,000 had been expended by this Bureau in two years for the purchase of janitor's supplies, etc., and orders for the same given exclusively to one firm. This is incorrect; this amount embraces not only janitor's supplies, but supplies of hardware for the use of the mechanics employed in the Bureau, and purchased from time to time on small orders ranging from \$5 upward as occasion required, and a greater portion of the amount mentioned was expended for office equipment, including steel filing cases, also supplies for the use of the engineers in the various public buildings which were furnished as requisitions for the same were duly approved, and the necessity of the expenditure shown. I might also add that the amount is not \$30,000 but is \$25,491.25. However, this is

merely an incident, yet clearly indicates an important lack of thoroughness on the part of the investigator which runs through the entire article. Prompt deliveries are demanded in all cases where mechanics are awaiting supplies to finish the work upon which they are engaged. The neglect to make prompt and immediate deliveries would not only be an expensive experiment, by reason of mechanics being left idle, who are receiving from \$4 to \$5 per diem, but would retard the transaction of business. The argument here advanced is also applicable to nearly every case where a supply is furnished, for the reason that I have no knowledge that a Justice of a Court, or a head of a department will need the services of a chair, a desk, a table or to have carpets laid until a requisition is made upon me asking that the supply be immediately furnished.

It is not a physical possibility to anticipate the wants of the various courts, offices and buildings under my supervision, scattered as they are throughout the borough, and whose wants are so multifarious.

I might cite another instance of the theoretical reasoning indulged in in reference to the item which states that \$1,488.88 was expended for glazing in two years. A man must be endowed with the gift of foresight indeed if he can determine in advance the number of panes of glass that could be broken in a given time.

I beg to add to the statement made in the article, viz.: "That very few actual violations of the Charter with respect to the purchase of supplies without contract can occur owing to the vigilance of the Comptroller" (page 91), which statement while condescendingly truthful, is not absolutely correct, it should be amended to read "that no violation of the Charter can escape the vigilance of the Comptroller and myself."

In support of their argument that the spirit of the Charter was violated, the writer cites the cases of orders given for carpenter work on the free floating baths in 1905; this work was for repairs that were caused by accidents, collisions and injuries from the elements while they were moored at their various berths on the North and East rivers during the bathing season. The free floating baths are supported on pontoons, and if the pontoon is injured in any way and not repaired at once by skilled mechanics, the bath would sink to the bottom of the river before the close of the day. The futility of the argument that this work should be advertised is plain; all of the bills for the work mentioned, even in this emergency, were less than \$1,000. If advertising were resorted to it would take from five to six weeks in the preparation of plans and specifications and contract forms, which latter is approved by the Corporation Counsel, and ere this would have been accomplished the bathing season would have passed away.

Every season contracts are let before the bathing season commences embodying all work for which specifications can be prepared intelligently. This fact I do not find stated in the article, despite the fact that no exceptions were made in the years 1904 and 1905; all of which goes to prove the underlying purposes and motives that actuated these statements; hardly can they be charged to ignorance on the part of the authors, because the freedom of the office, and the use of the Bureau records were given them.

Another glaring misstatement is that the storage of the free floating baths might have been contracted for and obtained more economically in this manner. This is best contradicted by the fact that the Commissioners of the Sinking Fund on September 27, 1905, adopted a resolution directing the Corporation Counsel to prepare a lease of Rogers Basin, South Brooklyn, at the same rental paid by this Bureau, which was at the rate of seventy-five cents per diem for each bath. Further, upon my acceptance of the duties of this Bureau, I found that the price paid was one dollar per diem per bath, which I succeeded in reducing to the price above stated. I presume the authors are not familiar with the conditions that must obtain in a basin for the storage of baths, or else they would have saved themselves needless trouble in penning this paragraph. A basin must have a soft or muddy bottom which will give the baths a cushion saving them from injury; it must be readily accessible and be protected from the elements. The basin which we have secured possesses all of these requisites and was only secured after a thorough inspection of the water front, by an employee of this Bureau thoroughly competent and qualified to determine which basin met the requirements demanded. I may add that there is no other basin in the vicinity of New York harbor that is the equal of this one for our purpose, so you can readily see that no competition could exist in this instance.

In relation to the extra work performed by Murphy Bros., on the Allen Street Bath, I beg to say that this work was recommended and approved by the Architects, Messrs. York & Sawyer, and the work done by Alfred Beinhauer and Patrick Gallagher was recommended and approved by the Architects, Messrs. Renwick, Aspinwall & Tucker, who had authority under the terms of the contracts governing the erection of the bath and the comfort stations to issue the same, upon which work the men above mentioned were the general contractors.

The insinuation that favoritism was shown on the work is sufficiently rebuked by the character and excellent reputation of these architects. The erection of this bath and the comfort stations mentioned, were contracted for by your predecessor and awarded to the contractors during his term of office; so also were the architects mentioned above appointed by the same power. There are no apologies to be made for their work.

I have stated herein as clearly and concisely as possible in a general way an account of the manner in which the appropriations given this Bureau for Supplies and Repairs were expended, and I challenge any fair critic to discover any violation of the law or irregularity in this Bureau, the duties of which during my five years' experience I have administered to the best of my ability, and in a faithful and conscientious manner. I do not believe that any more or any better results could have been accomplished than have been achieved during the past five years. It is a simple matter to enact the role of the critic, but the critic himself fails to discover the imperfections that exist in his own person.

In the care of property worth nearly \$50,000,000, the comparatively small sum of less than \$250,000 is expended for the maintenance, repairs and preservation of this public property, and the citizens of New York City can be assured that they are receiving a full return for the money expended.

Criticism of the public bath system is given a great deal of space in this pamphlet. I maintain that the system of public permanent baths have fulfilled a long felt want in this City, and are a great boon to the people of the congested districts, and the City has done well in asking appropriations for this purpose. I firmly believe the administration of these institutions can best be accomplished under the borough head who is directly responsible to the people of the borough and whose confidence in your work as a public official has been too often attested to be here dilated upon. The stationary baths being public buildings very properly come under the direct supervision of this Bureau. There is attached to this Bureau a Superintendent of Public Baths and Comfort Stations, whose duties involve the supervision of employees and the examination of the condition of the baths and public comfort stations. It is his duty to make reports to me, and I, in turn, have been making my reports to you from time to time, and each report, as you know, especially in the suggestions which have been made for perfection in the construction of the new baths or the betterment of the present baths, have been endorsed by you.

I have in the past, upon the opening of public bath buildings, acted in harmony with the New York Society for the Improvement of the Condition of the Poor, and at their request issued circulars, cardboards and other advertising to bring the attention of the people to the existence of the baths and to popularize them in every way. I am ever ready to meet every suggestion from any source that seems to be worthy and given in good faith, and I am always open for opinions and recommendations from any citizen which will promote greater efficiency in the administration of the bath system.

The tables of comparison recited in the article alleging to show unfavorable difference in time in the completion of the bath buildings are absolutely valueless, so, too, are the comparisons of coal, because of the difference in the size of the buildings, as against those of the Borough of Brooklyn, with which comparison is made, also the difference in the cost of labor and material and the architectural features are widely at variance. In excavating in the Borough of Brooklyn, sand is only met with in most cases, while in Manhattan, rock is the principal obstacle encountered. The cost of excavating rock of course is more expensive and takes longer, which will account for the difference in time and cost between buildings in Manhattan and Brooklyn.

The buildings for bathing purposes of Manhattan are superior and built on a larger scale than those of Brooklyn, and the accommodations are greater.

It would appear upon perusal of this article that the Rivington Street Bath was built under your administration, and that you were responsible for the delay in the completion thereof, which is far from being a fact. The contract was awarded in 1897, and the building opened early in 1901. The records of the Bureau show that the reason for the delay was that the original contractor failed and the building was delayed on account of lawsuits for the collection of moneys due sub-contractors.

All of the stationary baths now in operation were contracted for and planned previous to your administration. The architects were also appointed at the same time. The Borough President is guided, of course, by the reports of the architects in the granting of extensions of time for completion and also as to the necessity of penalizing contractors for failure to complete within the time specified. There are numerous reasons which cause delay in the erection of buildings, such as labor troubles, weather and other sufficient causes, which are sufficient also to the architects in requesting extensions of time. The architects who designed the baths and supervised their construction are as follows:

York & Sawyer, Allen, West Forty-first and East One Hundred and Ninth streets. Stoughton & Stoughton, East Seventy-sixth street.

Werner & Windolph, West Sixtieth street.

Arnold W. Brunner, East Eleventh street.

Arnold W. Brunner and Wm. Martin Aiken, East Twenty-third Street Bath.

The gentleman who made the investigation on public baths in this Bureau is, I understand, from Chicago, and only here a short time. If he had made inquiry into the character and standing of the architects above mentioned he would not be so loose in his criticisms.

As you are aware, all the attendants employed on the public baths are certified to you from Civil Service lists, after examinations are had therefor; and as to the number of employees that are necessary for the operation of a building it is entirely within the discretion of the head of this Bureau, which discretion never has been abused by me. The opinion of the authors as to the number of attendants, is merely personal and not worthy serious notice.

Experience and constant handling of the bath situation is the best guide in devising systems for their satisfactory operation, and this is being accomplished by the staff of this Bureau. While I am always ready to receive suggestions looking toward perfection in the operation of the baths I must reserve the right of deciding both as to the wisdom and the adaptability of such suggestions before putting them into force and effect.

The statement of comparative figures as to the attendance of the public as shown in the article, are not reliable and were taken just after the opening of the West Forty-first Street Bath at a time when it was not completely finished and could only work to half its capacity, owing to the fact that the water pressure was insufficient to reach the upper floors. I have since installed new supply lines giving the upper floors water and all the baths can now work to their full capacity.

The bath which receives the smallest patronage, the West Forty-first Street Bath, is taken as a basis of comparison which shows the utter unfairness of the authors and an inclination to conceal the real facts. The patronage at this bath has greatly increased since the dates upon which counts were based in this article. The Rivington and Allen Street Baths, which are incapable of accommodating the demands made upon them, are not given the notice which they are entitled to, and would form a better basis for comparison. All the interior baths are enjoying greater popularity, as to their existence is being advertised and their excellence being understood by the people, the natural result of which has been an increased patronage.

In conclusion I can hardly let the statement reflecting upon my competency go unanswered. Criticism from this source is rather praise in disguise. As for myself, I have the honor to say that I have been a resident of this city for the past forty years, which residence has been confined to the same city block, and the confidence in which my neighbors hold me has been attested by my being elected six times by the people to public office. I have had an experience of thirty years in the building and contracting business and as a private citizen and man of business have erected buildings equally as large as the ones over which I now have supervision, and have altered and repaired hundreds of miscellaneous buildings. In the time mentioned I have worked under the direction of the leading architects of this city. This career of over thirty years in the building and contracting business, which has been honorable in every respect, is sufficient answer to the argument of inefficiency. When I took charge of the public buildings, five years ago, they were in a condition that was bordering on dilapidation and through the energies and activity of this Bureau great improvements have been made, and I am pleased to say the public buildings are in better condition than they have been in the past twenty years.

I may say with due modesty that there is not an architect or engineer, or practical mechanic, nor a man of common sense (it is unfortunate that the latter qualification is lacking in the authors), who could draw specifications with sufficient accuracy to obtain an intelligent bid, where a water or steam pipe breaks, or where waste or other piping is stopped up, or the falling of a part of a building which would endanger life or limb, particularly when most of these breaks and accidents are concealed under flooring, in recesses or in the earth itself, and in order to locate the fault it is necessary to take up flooring, remove partitions, excavate the ground, and make other removals in order that a thorough examination can be made; when this work is accomplished the major portion is done.

I can no more fix the time when a break or an accident will occur than I can control the rising and setting of the sun. Where specifications cannot properly be framed it is impossible to award a contract at public letting.

The article taken in its entirety shows an utter contempt for the truth and I submit that exaggeration, misrepresentation and misinformation can hardly or should be accepted as proofs of extravagance or incompetency.

Respectfully submitted,

Superintendent Public Buildings and Offices.

President of the Borough of Manhattan,  
Offices of the Commissioner of Public Works,  
Bureau of Public Buildings and Offices,  
New York, Jan. 17, 1907.

Hon. JOHN C. HERTLE and Hon. GEORGE VON SKAL, Commissioners of Accounts:

Gentlemen—I beg to say in reply to yours of the 15th inst., requesting a detailed description of the nature of the work performed on the Free Floating Baths by Messrs. Boyce & Lynch, as set forth in bills rendered by this firm, as follows: July 12, 1905, for repairing and altering the floating baths in the basin at Twenty-second street, South Brooklyn, \$861.39; bill of August 14, 1905, amounting to \$810, for building bridges and platforms and repairing baths at basin foot of Twenty-second street, South Brooklyn, and at the various basins in Manhattan, and bill of September 14, 1905, for \$765.50 for labor and material used on the various public baths at their stations in the Borough of Manhattan, that all of these orders were blanket orders given to the contractors to perform such work as might arise during the month for which the order was issued, and which work was designated and the necessity for the same passed upon by me before orders were issued to the contractors.

The bill first mentioned was to make repairs to the bottoms, insides of wells, dressing rooms, decks and doors, and such other carpenter work as might arise of a small nature, and which was not provided for in the contract for repairing pontoons, painting and roofing, also ship carpentry, which were contracts advertised and let to the lowest bidder. This work included everything for which a specification could have been drawn and the amount and nature of the same determined. The work enumerated in the first bill in question was for small repairs to the baths that arose after the contract was completed. All of the floating baths are entirely of wood, and there are fourteen in all stored at South Brooklyn.

The second bill is for the erection of platforms and bridges at the various locations of the baths, which were designated by the Department of Docks and Ferries, and approved of by the Board of Health. The bridges and platforms are of a temporary nature, and connect the baths with the docks for the entrance and exit of the public. These locations were not known at the time of the letting of the contract, and each location creates a different condition, according to the berth assigned to the bath.

The locations for the free floating baths for the year in question were as follows: Battery, East One Hundredth street, West Fifty-first street, East Thirty-first street, Corlears street, Market street, East river; East Seventeenth street, East One Hundred and Twelfth street, East Third street, West Eighty-second street, East Twenty-fourth street, West Nineteenth street, West Ninety-seventh street, and West One Hundred and Thirty-seventh street.

The third bill, dated September 14, was for work done that arose from time to time owing to the action of the tide, collisions, accidents, or other uncontrollable

elements, which work required immediate attention in each case in order that the bath should be in constant service, and not be closed to the public for any length of time.

You will observe from the character of this work that the extent and quantity could not have been anticipated, nor could a contract have been let that would embody all of the work required to keep the floating baths in commission. It would be absurd in the extreme to wait until the work should have accumulated to an amount exceeding \$1,000 and then to advertise and contract for the same, which would take probably six weeks, and deny the public the use of these baths during the greater portion of the bathing season. It has been customary to meet the conditions described in the same manner in which they have been met in the past, and it will continue to be the same in the future as long as the floating baths are in commission.

I may also cite for your information that the floating baths are floating on pontoons, and if any delay were permitted in making repairs to the baths or the pontoons, it would result in the sinking of the entire structure, which would occasion a loss of thousands of dollars. Most of these baths are very old, the longest one in commission being thirty-five years and the newest twenty years, and they require constant attention and care.

I trust this will satisfactorily explain the matters upon which you desire information.

Respectfully,

(Signed.) WILLIAM H. WALKER,  
Superintendent Public Buildings and Offices.

No. 1898h.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, Jan. 28, 1907.

Subject—Concerning Apparent Violations of Section 419 of Greater New York Charter, as shown on pages 90 and 91, Pamphlet of Bureau City Betterment.

Referring especially to "Repair Work" for Plumbing by Jos. W. O'Brien.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our "Special Examination" of the office of "The Borough President of Manhattan," we beg to submit this our eighth report as follows:

On page 90 of the Bureau of City Betterment's pamphlet, under the heading of "Repair Work" appears a table showing the amount paid in 1904 and 1905 for various expenditures, among which there is the item of plumbing, \$57,259.07; total number of bills, 127.

Following this table, on page 91, there appears the following:

"The foregoing figures are even more illuminative than those relating to purchase of supplies.

"For plumbing, Joseph W. O'Brien received \$27,635.28 in 1904 and \$25,175.11 in 1905, a total of \$52,810.39, his bills numbering 104.

"Surely such extensive plumbing work should call for contracts."

The conclusion reached by the Bureau of City Betterment appears to be of a general character, and is not sufficiently illuminated by the underlying facts which we have ascertained by process of analysis, to warrant assent or dissent; in other words, a mere statement, true though it may be, that the total cost incurred by the Superintendent of Public Buildings and Offices for plumbing work for a year amounted to a given sum is per se insufficient to prove that the component parts of the total expenditure were not bona fide separate pieces of work, and the grouping, in wholesale manner, of all expenditures for all work would seem to be an attempt to support an assertion or suggestion of incorrect administration of affairs, which a careful analysis of the underlying conditions may not warrant.

It follows, therefore, that we must reject the greater part of the broad assertion or suggestion sought to be conveyed, and must limit our treatment of facts to such as shown by the volume of individual expenditure in particular cases that the sum in each such cases involved is greater than contemplated by the statute, Section 419 of the Charter.

According to the record, it appears that the amount paid to O'Brien from Appropriation Account in 1905 was \$18,214.91, and this was not for one, but for work at forty-six different buildings, and, in consequence, for at least that many "particular jobs," to use the language of the statute; the cost of twenty-two of them was less than \$100 each, and on only six of these pieces of work was the cost more than \$1,000, which comes fairly within the range of the criticisms, and these last six therefore appear to be the only instances which we can properly and fairly consider.

From our examination we find the following amounts to be chargeable to the years 1904 and 1905:

| J. W. O'Brien.                          | 1904.       | 1905.       |
|---|-------------|-------------|
| From appropriation.....                 | \$25,376.16 | \$18,214.91 |
| Special and trust account.....          | 2,278.07    | 4,054.05    |
| Total of Commissioners of Accounts..... | \$27,654.23 | \$22,268.96 |

Certain Bills of Jos. W. O'Brien for Plumbing. Facts as Taken from the Vouchers and the Records.

It appears from the records that O'Brien rendered a bill amounting to \$936.90 for "Boiler and Plant" of Fifty-fourth Street Court House, known as Voucher No. 10244, which was audited and paid by the Comptroller.

This order requested Mr. O'Brien to furnish the "labor and material to make all repairs and alterations required to the boiler and piping in the boiler room. Furnish and put on new valves, gauges, safety-valves, etc., that may be required. Furnish new connections, etc., to complete the job in a first-class manner."

Subsequent thereto O'Brien rendered another bill, amounting to \$820, known as Voucher No. 31555, for "Steam Plant" of the Fifty-fourth Street Court, the order reading as follows:

"Necessary labor and material to make all changes and repairs to the steam plant in the above building in order to place the same in good working order. The job to be done in a first-class and workmanlike manner, as directed.

"To be done to the satisfaction of the President of the Borough."

When this voucher was sent to the Comptroller it was by him referred back to the Commissioner of Public Works for an explanation, to which the Commissioner replied that additional work was found necessary after the apparent completion of the work covered by the voucher, although from the examination first made it appeared to the Superintendent of Public Buildings and Offices that the work would cost very much less than \$1,000, and that an additional order to the amount of \$800 was issued to complete the repair.

In a further explanation, the Superintendent of Public Buildings and Offices states:

"In work of this character it is impossible to determine accurately the cost of repairs until a thorough examination is made of the plant, and the work proceeded with, when it is nearly always discovered that something additional is necessary to make a satisfactory job."

These papers were by the Comptroller transmitted to the Corporation Counsel, asking whether he (the Comptroller) is warranted in making payment of the claim upon the statement submitted by the Commissioner of Public Works, notwithstanding the expense of the completed job will exceed \$1,000.

The Corporation Counsel, under date of February 28, 1905, rendered an opinion, which is hereto attached, from which we quote:

"Whether this case is to be regarded as an evasion of the law is to be determined by the answer to the question, whether it could have been foreseen that this additional expense would have to be incurred.

"If it could not have been reasonably foreseen, then I am of opinion that there has been no violation of the provisions of Section 419. If, on the contrary, the additional expense could have been foreseen, then I am of opinion that payment of

the several claims for the completed job should be withheld, on the ground that there has been an evasion of the prohibitions contained in Section 419.

"I am further of opinion that it is, in any event, incumbent upon the Commissioner of Public Works, in view of the statement above quoted, that 'it is nearly always discovered that something additional is necessary to make a satisfactory job,' to have work of this character performed in future under contracts let after public advertisement."

As the Corporation Counsel, in an opinion written to the Comptroller on February 28, 1905, held, as above quoted.

To have work of such character performed in future under contracts let after public advertisement, we have analyzed the expenditures for the year 1905, showing in one column the total for the year, and in the other the totals subsequent to the said opinion, which is hereto attached as Exhibit "A."

This exhibit shows that subsequent to the said opinion, O'Brien was paid the sum of \$16,012.50 for repairs, etc., on fifty-one public buildings of the City, ranging in sums from \$7.71 to \$2,989.64.

As there are but four instances where the amount paid said O'Brien (to use the language of section 419 of the Charter) to perfect a particular job exceeded \$1,000, during the ten months following the Corporation Counsel's opinion, we have therefore confined our comments to these payments only.

Such items are:

|                                       |            |
|---------------------------------------|------------|
| County Court-house.....               | \$2,989.64 |
| City Hall.....                        | 1,307.20   |
| Harlem Court-house.....               | 1,184.57   |
| Public Baths, Forty-first Street..... | 1,291.01   |

The above items of over \$1,000 paid O'Brien subsequent to February 28, 1905, a period covering ten months, are again segregated, and are composed of the following payments:

| County Court-House. |            |
|---------------------|------------|
| March 1.....        | \$189.77   |
| April 1.....        | 262.70     |
| May 1.....          | 352.01     |
| June 1.....         | 333.01     |
| July 5.....         | 160.84     |
| July 5.....         | 165.70     |
| August 5.....       | 209.18     |
| September 1.....    | 126.01     |
| September 23.....   | 812.23     |
| September 30.....   | 378.19     |
|                     | \$2,989.64 |

Ten payments ranging from \$126 to \$812.

| City Hall.        |            |
|-------------------|------------|
| March 1.....      | \$202.80   |
| April 1.....      | 147.34     |
| May 1.....        | 200.41     |
| June 1.....       | 124.31     |
| July 1.....       | 150.97     |
| August 1.....     | 86.09      |
| September 1.....  | 338.98     |
| September 30..... | 56.30      |
|                   | \$1,307.20 |

Eight payments ranging from \$56.30 to \$338.98.

| Harlem Court-house. |            |
|---------------------|------------|
| March 1.....        | \$16.25    |
| March 16.....       | 104.14     |
| May 1.....          | 113.45     |
| April 18.....       | 694.32     |
| June 1.....         | 95.81      |
| August 1.....       | 83.25      |
| September 30.....   | 77.35      |
|                     | \$1,184.57 |

Seven payments ranging from \$16.25 to \$694.32.

| Public Baths, Forty-first Street. |            |
|-----------------------------------|------------|
| March 1.....                      | \$123.02   |
| April 1.....                      | 163.56     |
| May 1.....                        | 180.79     |
| June 1.....                       | 16.87      |
| September 2.....                  | 59.22      |
| July 11.....                      | 657.72     |
| September 30.....                 | 89.83      |
|                                   | \$1,291.01 |

Seven payments ranging from \$16.87 to \$657.72.

As the amounts paid O'Brien for repairs, as shown on the preceding table, for work on the City Hall, Harlem Court-house and Public Bath Forty-first street, during the entire period of the year shown, each a "particular job," were but a little more than \$1,000, the only questionable payments are those amounts requisitioned in September for repairs on County Court House, which were as follows:

| Date of Requisition and Amount in Question. | Warrant No. | Date of Bill.         | Total Amount of Bill. |
|---|-------------|-----------------------|-----------------------|
| September 1.....                            | 42062       | October 21, 1905..... | \$478.51              |
| September 23.....                           | 46868       | October 28, 1905..... | 812.23                |
| September 30.....                           | 47244       | November 1, 1905..... | 625.29                |
|   |             |                       | \$1,316.43            |

The items of September 1 and 30, \$126.01, and \$378.19, respectively, comprising the charges made for small repairs on County Court-house, as will be seen above were included in bills amounting to \$478.51 and \$625.29 for work done on other buildings also in City Hall Park but entirely separate from County Court-house.

The item of \$812.23, under date of September 23, 1905, was for the following purpose as taken from the requisition:

September 22, 1905, Requisition No. 1011.

Labor and material to make repairs in the exhaust pipes from engine; put on new gate valves and connections to same; new drip line running from steam drum and trap, connected with hot water well in pump room; also make all repairs on same and on return valve pipes, as may be directed in the above building. Furnish new parts where necessary. Put new valves to radiators in jurors' room, mezzanine floor, record room, top floor, and room 11, first floor. Leave the steam system in complete working order.

To be done to the satisfaction of the President of the Borough.

The charges made for the repairs were for the following items:

| Labor.          | Per Cent. | Material. | Per Cent. | Total Charge.     |
|-----------------|-----------|-----------|-----------|-------------------|
| \$107 00        | 85        | \$19 01   | 15        | \$126 01          |
| 540 00          | 66        | 272 23    | 34        | 812 23            |
| 319 00          | 84        | 59 19     | 16        | 378 19            |
| <b>\$966 00</b> |           |           |           | <b>\$1,316 43</b> |

In addition, we have also segregated all the bills paid O'Brien for the year and subsequent to the Corporation Counsel's opinion, which we find consist of the following items:

Items on O'Brien's bills consist of:

|          | Year 1905.         | Per Cent. | Subsequent to February 28, 1905. | Per Cent. |
|----------|--------------------|-----------|----------------------------------|-----------|
| Labor    | \$13,770 00        | 76        | \$10,166 50                      | 75        |
| Supplies | 3,911 21           | 21        | 2,846 97                         | 21        |
| New Work | 530 70             | 3         | 530 70                           | 4         |
|          | <b>\$18,214 91</b> | 100%      | <b>\$13,544 17</b>               | 100%      |

As the wages of plumbers and helpers is governed by their unions at the prevailing rates, 75 per cent. therefore of the total amount paid O'Brien subsequent to February 28, 1905, involved an expense as to which there may be a question whether the work could have been done any cheaper, had it been let after competitive bidding.

If the nature of the work was such that it could not be readily determined beforehand what the cost, to the contractor, would be (and in the case of plumbing and steam-pipe repairs we think it is nearly always of such a nature, when the repairs are extensive), it is not unreasonable to suppose that bidders would demand an excessive price, to guard against a loss that might ensue from breaks, which being covered could not be seen at the outset.

However that may be, we find that the Finance Department scrutinized the bills rendered with the usual attention given to such matters, that the vouchers bear all the endorsements and certificates of the various officials necessary to its perfection before payment, such as were shown in detail in our previous report, and that as a consequence, it was the opinion of the disbursing officer of the City that they should be paid.

It seems to us obvious that where work was done on fifty-one different buildings, each building being a "particular job," that the statements made by the "Bureau of City Betterment" which ignored this condition, conveyed a false impression.

If the Corporation Counsel thinks it worth while, and will so advise, we will subpoena as witnesses all the parties connected with the work and with the making and paying of the vouchers, and the public critics as well, when it may be semi-judicially determined if there is any ground for the criticism.

Remedy Suggested as to Evasion, if any, of Section 419 of the Charter.

On page 10 of the Bureau of City Betterment Pamphlet, under the heading of "Introduction," there appears the following:

#### Purchase of Supplies.

"The pamphlet suggests no remedy for the evil it exposes with respect to the purchasing of supplies and the expenditure of money without public contract."

In a report made to your Honor dated November 21, 1904, of our examination of the Expenditures of the Bureau of Public Buildings and Offices, and Public Baths and Comfort Stations for the years 1902 and 1903, which Bureaus at the time of the report were under the jurisdiction of the Hon. John F. Ahearn, President of the Borough of Manhattan, we made use of the following language relative to the seeming violations of Section 419 of the Charter as to "repair work," which we therein reported upon.

"The Bureau of Public Buildings and Offices now has on its payroll one bricklayer, one mechanic, four carpenters, one painter, one repairer, five cabinet makers, two tinsmiths, one tinroofer, one tar and gravel roofer, one steamfitter and a helper, one plumber and a helper, one plumber's apprentice, four varnishers and one grainer.

"Having such a repair force, we see no reason why it could not be increased and transferred to a 'Bureau of Repairs and Supplies' as recommended.

"If all repair work for City departments were done by this Central Bureau, an additional saving would be made to the City, and would obviate the seeming evasions of section 419 of the Charter. This apparent evasion during the two years 1902 and 1903 existed under many prior administrations and, no doubt, similar conditions exist to-day where the claim is made that the bulk of this repair work done on orders is in cases of 'Emergency.'

For number on payroll on July 1, 1906, see attached list.

We are not so sure that in increasing the force of plumbers, steamfitters, carpenters and the necessary mechanics and helpers, sufficient to do all the repair work necessary for the City's buildings would be any financial benefit to the City, but as the present method of making repairs seems to be questionable, and subjects public officials to the criticism of violating the spirit if not the letter of the law, it would seem that one of the following methods should be adopted to remedy this condition:

First—City to do its own repair work.

Second—Ascertain if section 419 of the Charter is definite enough, and if not, have same amended.

Third—if section 419 safeguards the City's interest, then make inquiry in a manner recommended in our previous report as to whether violations have actually occurred.

Respectfully submitted,

JOHN C. HERTLE,  
GEORGE VON SKAL,  
Commissioners of Accounts.

As per official roster July 1, 1906, President's office, Borough of Manhattan.

| All Bureaus.          | Additional in Bureau of Public Buildings and Offices. |
|-----------------------|---|
| Flaggers              | 5   |
| Wood sawyer           | 1   |
| Plumber's apprentice  | 1   |
| Painters              | 2   |
| Rammers               | 42  |
| Pavers                | 92  |
| Toolman               | 1   |
| Blacksmith            | 1   |
| Blacksmith's helper   | 1   |
| Wheelwright           | 2   |
| Watchmen              | 4   |
| Hose Repairer         | 1   |
| Masons                | 5   |
| Bricklayers           | 7   |
| Cabinet makers        | 6   |
| Tinsmiths             | 2   |
| Tinroofer             | 1   |
| Tar and gravel roofer | 1   |
| Steam fitter          | 1   |
| Steam fitter's helper | 1   |
| Plumber               | 1   |
| Plumber's helper      | 1   |
| Plumber's apprentice  | 1   |
| Varnishers            | 3   |
| Lineman               | 1   |
| Wireman               | 1   |
| Flagger               | 1   |
| Mason's helper        | 1   |

| All Bureaus.       | Additional in Bureau of Public Buildings and Offices. |
|--------------------|---|
| Carpenter          | 1   |
| Laborers           | 383   |
| Stokers            | 25  |
| Ship caulkers      | 1   |
| Wireman            | 1   |
| Oiler              | 1   |
| Machinist's helper | 1   |
| Stone mason        | 1   |
| Stone cutter       | 1   |
| Mason's helpers    | 4   |
| Carpenters         | 4   |
| Machinist's helper | 1   |
| Stokers            | 19  |

#### "EXHIBIT A."

Orders issued to J. W. O'Brien for plumbing work the entire year of 1905; also subsequent to February 28, 1905, the date of the opinion of the Corporation Counsel relating to violation of section 419 of the Charter.

| Where Work was Performed.   | Year 1905. Amount. | Totals Subsequent to February 28, 1905. |
|---|--------------------|---|
| County Court House  | \$3,395 90         | \$2,989 64                              |
| Brown Stone Building  | 802 35             | 528 64                                  |
| Public Comfort Station, Mail street   | 161 20             | 113 42                                  |
| City Hall   | 1,596 59           | 1,307 20                                |
| Harlem Court House  | 1,341 06           | 1,184 57                                |
| East Fifty-seventh Street Court House                                       | 371 83             | 334 18                                  |
| Public Comfort Station, Delancey and Sheriff streets                        | 373 95             | 260 31                                  |
| Children's Court  | 285 86             | 147 79                                  |
| New York County Jail  | 627 46             | 494 81                                  |
| First District Municipal Court  | 125 94             | 107 80                                  |
| Jefferson Market Court House  | 544 28             | 482 88                                  |
| West Fifty-fourth Street Court House  | 625 32             | 315 02                                  |
| Rivington Street Bath   | 1,021 66           | 534 06                                  |
| Washington Market   | 1,136 88           | 338 18                                  |
| Essex Market Court House  | 265 21             | 175 78                                  |
| Public Comfort Station, One Hundred and Twenty-fifth street and Park avenue | 445 09             | 64 60                                   |
| Fulton Market   | 403 26             | 187 51                                  |
| Second District Municipal Court   | 56 35              | 17 89                                   |
| Eighth District Municipal Court   | 70 84              | 28 05                                   |
| Thirteenth District Municipal Court   | 24 00              |   |
| Department of Highways, No. 648 West One Hundred and Forty-ninth street     | 78 55              | 9 60                                    |
| Public Administrator  | 85 68              |   |
| Public Baths, Forty-first street  | 1,734 42           | 1,291 01                                |
| Department of Health, Vaccination Station                                   | 178 20             | 178 20                                  |
| City Paymaster  | 271 30             | 271 30                                  |
| No. 72 Elm street   | 46 65              | 46 65                                   |
| Fifth District Municipal Court  | 258 96             | 258 06                                  |
| Superintendent of Baths   | 87 87              | 87 87                                   |
| East One Hundred and Ninth street, Public Bath                              | 649 94             | 649 94                                  |
| Corporation Yard, Rivington street  | 98 99              | 98 99                                   |
| Corporation Yard, West One Hundred and Twenty-third street                  | 25 01              | 25 01                                   |
| Hanover Square, Comfort Station   | 134 14             | 134 14                                  |
| Greeley Square, Comfort Station   | 88 70              | 88 70                                   |
| Long Acra Square, Comfort Station   | 111 65             | 111 65                                  |
| Rivington Street, Comfort Station   | 34 80              | 34 80                                   |
| Criminal Court Building   | 27 25              | 27 25                                   |
| Public Bath, Corlears street  | 73 94              | 73 94                                   |
| Public Bath, East Thirty-first street                                       | 66 40              | 66 40                                   |
| Public Bath, West Fifty-first street  | 73 31              | 73 31                                   |
| Public Bath, East One Hundredth street                                      | 78 23              | 78 23                                   |
| Public Bath, Market street  | 69 60              | 69 60                                   |
| Public Bath, East Third street  | 65 70              | 65 70                                   |
| Public Bath, East One Hundred and Twelfth street                            | 62 14              | 62 14                                   |
| Comptroller's office  | 7 71               | 7 71                                    |
| Chatham Square, Comfort Station   | 32 55              | 32 55                                   |
| Battery Park, Comfort Station   | 98 19              | 98 19                                   |
|   | <b>\$18,214 91</b> | <b>\$13,554 17</b>                      |
| Labor   | \$13,773 00        | \$10,176 50                             |
| Supplies  | 3,911 21           | 2,846 97                                |
| New Work  | 530 70             | 530 70                                  |
| Entire year 1905, from Appropriation  | \$18,214 91        |   |
| From appropriation subsequent to Feb. 28, 1905                              |                    | \$13,554 17                             |
| Special and trust accounts subsequent to Feb. 28, 1905.                     |                    |   |
| Criminal Court Building   | \$766 55           |   |
| Public Comfort Station, Mail street   | 257 79             |   |
| Public Bath, Forty-first street   | 366 79             |   |
| City Hall   | 571 58             |   |
| West Washington Market  | 495 62             | 2,458 33                                |
| Total subsequent to Corporation Counsel's Opinion                           |                    | \$16,012 50                             |

Hon. EDWARD M. GROUT, Comptroller:

Sir—I am in receipt of communication from N. Taylor Phillips, Esq., Deputy Comptroller, under date of 19th January, transmitting voucher in favor of J. W. O'Brien, for \$936.90, representing work performed in the West Fifty-fourth Street Court-house, pursuant to order of the President, Borough of Manhattan, dated November 3, 1904. This order requested the claimant to furnish the "labor and material to make all repairs and alterations required to the boiler and piping in the boiler room. Furnish new connections, etc., to complete the job in a first-class manner."

It is stated in a communication accompanying the papers addressed to you by the Commissioner of Public Works under date of the 13th January, that additional work was found necessary after the apparent completion of the work covered by the voucher; although from the examination first made it appeared to the Superintendent of Public Buildings that the work would cost very much less than one thousand dollars; and that additional orders to the amount of \$800 have been issued to complete the repairs. It is further stated that "in work of this character, it is impossible to determine accurately the cost of repairs until a thorough examination is made of the plant and the work proceeded with, when it is nearly always discovered that something additional is necessary to make a satisfactory job."

Your communication concludes by requesting that I advise you, after examining the papers transmitted, whether your office is warranted in making payment of the claim upon the statement submitted by the Commissioner of Public Works, notwithstanding the expense of the completed work will exceed one thousand dollars.

Whether this case is to be regarded as an evasion of the law is to be determined by the answer to the question whether it could have been foreseen that this additional expense would have to be incurred.

If it could not have been reasonably foreseen, then I am of opinion that there has been no violation of the provisions of section 419. If, on the contrary, the additional expense could have been foreseen, then I am of opinion that payment of the several claims for the completed job should be withheld, on the ground that there has been an evasion of the prohibitions contained in section 419.

I am further of opinion that it is, in any event, incumbent upon the Commissioner of Public Works, in view of the statement above quoted, that "it is nearly always discovered that something additional is necessary to make a satisfactory job," to have work of this character performed in future under contracts let after public advertisement.

The papers transmitted are herewith returned.

Yours respectfully,  
THEODORE CONNOLY,  
Acting Corporation Counsel.

No. 1898i.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 2, 1907.

Concerning Expenditures for "Supplies" as referred to on Pages 87, 88, 89 and 90, Bureau of City Betterment Pamphlet. Referring Especially to Expenditures Made by the Bureau of Public Buildings and Offices in the Office of the Borough President of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Dear Sir—In the examinations of the various Departments and Bureaus in The City of New York, which have been made by the Commissioners of Accounts, since its consolidation into the "Greater City," numerous instances have come under their observation where it seemed to them that Department heads or chiefs of Bureaus "whenever any supply was needed for any particular purpose," made requisitions or issued orders for the same in such quantities as would cost less than \$1,000 when the aggregate purchases of such "supply" during the year would amount to a much larger sum, there appearing to be no good and sufficient reason why such supply might not have been contracted for at one time, in the manner prescribed by law, namely, advertising for bids and awarding the contract to the lowest bidder.

A similar apparent tendency to evade the spirit of the law in many instances was observed "whenever any work was necessary to be done to complete or perfect a particular job."

Whenever such seeming violations came under their observations the Commissioners of Accounts have felt it to be their duty to report them to the end that notice should be given the proper authorities and an evil checked which, if allowed to continue unnoticed, would be sure to reflect discredit upon the administration.

It is believed that this course of procedure in reporting our examinations, and also with the vigilance of the Comptroller, has had a beneficial effect and that there is to-day throughout the City offices a strong tendency to more fully comply with the law, not only in its letter but in its spirit, which belief is evidently shared by the Bureau of City Betterments, as shown on page 91 of its pamphlet, from which we quote:

"Very few actual violations of the charter with respect to the purchase of supplies without contract can occur, owing to the vigilance of the Comptroller." \* \* \*

We beg to refer to reports of such a nature which have been made to the Chief Executives of the past three administrations by the Commissioners of Accounts, relating to those Departments or Bureaus now embraced in the office of the Borough President of Manhattan.

Report

No. Date.

95. Sept. 30, 1898. Department of Public Works, Bureau of Highways, Years, 1895, 1896 and 1897. Repeated purchases of the same class of supplies on department orders, in quantities of less than \$1,000 from the same persons, aggregating more than \$1,000 without public letting.

539. Dec. 27, 1899. Department of Public Works, Bureau of Repairs and Supplies, Years, 1895, 1896 and 1897. Repeated purchases of the same class of supplies on department orders, in quantities of less than \$1,000 from the same persons, aggregating more than \$1,000, without public letting. 199 Department orders dated back from two to eleven months.

652. June 25, 1900. Department of Sewers, Year, 1899. Purchase on 19 Department orders from the same person of the same articles, aggregating in twelve months, \$4,422.37. Recommendation to purchase by contract at public letting.

820. Dec. 31, 1900. Department of Public Buildings and Offices, Bureau of Repairs and Supplies, Year, 1899. Repeated purchases of the same class of supplies on Department orders, in quantities of less than \$1,000 from the same persons, aggregating more than \$1,000, without public letting. 10 orders invoiced from one to one hundred and thirty-nine days prior to date of order.

40. Mar. 7, 1902. Department of Public Buildings and Offices, Bureau of Repairs and Supplies, Year, 1900. 8 separate evasions of section 419 of the Charter, on 35 orders.

138. Apr. 24, 1904. Department of Public Buildings and Offices, Bureau of Repairs and Supplies, Year, 1901. 6 evasions of section 419 on 38 orders.

#### EXCERPTS FROM "HOW MANHATTAN IS GOVERNED."

"Facts You Should Know About the Administration of the Borough of Manhattan." Published by the Bureau of City Betterment of the Citizens' Union of The City of New York, 1906.

Introduction, Pages 10 and 11.

This pamphlet deals with the administration of the Borough of Manhattan, and the Presidency of John Francis Ahearn, during the years 1904 and 1905.

The purpose of the inquiry into the administration of the Borough was as follows:

First—To ascertain the facts respecting that administration.

Second—To suggest its improvement along specific lines.

The facts and suggestions are both included in the pamphlet.

The suggestions relate chiefly to the ends to be achieved rather than to the method of their achievement.

#### Purchase of Supplies.

The pamphlet suggests no remedy for the evil it exposes with respect to the purchasing of supplies and the expenditure of money without public contract.

It shows that during the years 1904 and 1905, the various Bureaus under President Ahearn and his own office expended more than a million dollars without public contract.

Most of the moneys were expended without the formalities which are designed to conserve the City's interests, and to secure for it the greatest value for its expenditures. Represents wanton disregard of ordinary business judgment.

It is believed that the publication of these expenditures will, in itself, do much to remedy the evil.

#### Bureau of Buildings.

The pamphlet does not deal with the Bureau of Buildings.

The functions of this Bureau differ so widely from the other activities grouped under the Borough President and represents so many problems in itself, that it justifies separate treatment.

#### QUOTATIONS FROM PAGES 87, 88 AND 89.

##### Expenditures of the Borough President Without Contract.

"The Borough President, like the heads of other City departments, has the right to purchase supplies and to carry out public improvements without public contract, if the expenditure involved in each case does not exceed \$1,000.

"This privilege is a valuable one in all departments from the patronage point of view, and while bids are not infrequently invited when supplies are to be purchased in lots of \$1,000 and less, it does not necessarily follow that the lowest bidder is successful.

"The principal items purchased without public contract and the amounts expended are herewith given:

| Item.  | Amount in 1904. | No. of Bills. | Amount in 1905. | No. of Bills. | Total Amount for 2 Years. | Total No. of Bills. |
|--|-----------------|---------------|-----------------|---------------|---------------------------|---------------------|
| Janitor's Supplies, Hardware, Paper, etc...              | \$16,074.20     | 102           | \$19,980.06     | 126           | \$36,054.26               | 228                 |
| Furniture, Carpets, Rugs, etc., and Repairing Furniture. | 19,521.60       | 98            | 16,465.20       | 100           | 35,986.80                 | 198                 |
| Live Steam.  | 11,021.86       | 28            | 9,360.60        | 7             | 20,382.46                 | 35                  |
| Disinfectant.  | 3,696.00        | 46            | 4,424.55        | 61            | 8,120.55                  | 107                 |
| Safes.   | 3,374.75        | 14            | 4,516.12        | 12            | 7,890.87                  | 26                  |
| Lumber.  | 4,553.69        | 26            | 2,921.22        | 15            | 7,474.91                  | 41                  |
| Soap, Soap Powder and Bleach.                            | 1,701.26        | 20            | 3,095.20        | 22            | 4,796.46                  | 42                  |
| Varnish, Paint and Brushes.                              | 2,622.98        | 25            | 1,679.16        | 22            | 4,302.14                  | 47                  |
| Oil and Boiler Compound.                                 | 2,731.97        | 30            | 1,361.10        | 25            | 4,093.07                  | 55                  |
| Brick, Lime, etc.  | 1,310.75        | 7             | 2,713.61        | 17            | 4,023.76                  | 24                  |
| Kindling Wood.   | 1,348.00        | 8             | 1,074.00        | 6             | 2,422.00                  | 14                  |
| Spring Water.  | 443.55          | 17            | 1,034.60        | 31            | 1,478.15                  | 48                  |
| Steel Filing Cases.                                      | 975.00          | 1             | 2,082.50        | 6             | 3,057.50                  | 7                   |

"Of the total amount (\$36,054.26) expended in two years for janitor's supplies, etc., \$30,312.66 was paid to the Metropolitan Equipment and Supply Company, in 167 warrants, the rest being distributed among six other firms.

"Furniture, carpets, rugs, etc., were furnished by six concerns: John H. Little, \$9,548.25; James R. Keane & Co., \$6,032.74; Doherty & Co., \$5,158.15; Frederick Goll, \$4,600.55; S. Fink & Co., \$3,997.16; Thomas Bowe, \$3,907.03; W. A. Stromayer, \$445; M. Hulborn, \$354.25. The repairing of furniture was done by Thomas Sullivan, who received \$1,936.67.

"Live steam was bought from the New York Steam Company, which received \$18,282.40; from Nathaniel W. Keane, whose bills amounted to \$1,300, and from the Demilt Dispensary, to which was paid the sum of \$800. The expenditure of \$8,120.55 for disinfectant is unusual, and it is difficult to understand why a regular contract could not be awarded annually for such material. Following are the concerns which furnished the disinfectant: M. Frank Disinfectant Company, \$3,733.80, fifty-one bills; Autozone Chemical Company, \$3,465.45, forty-three bills; Empire Chemical Company, \$320, three bills; Heins Chemical Company, \$247, four bills; Puritan Disinfectant Company, \$215, four bills; West Disinfectant Company, \$90.90, one bill; American Union Supply Company, \$48.40, one bill.

"Safes were supplied by the Mittnacht Eagle Safe Company, which received \$4,615.87, and by the Herring-Hall-Marvin Company, whose bills amounted to \$3,275, while three firms furnished lumber: John Eagan, \$4,711.43; East River Mill and Lumber Company, \$2,720.11; Vossneck Lumber Company, \$43.37.

"A contract might properly been awarded for kindling wood, spring water, and soap, soap powders, etc. It should certainly not be difficult to estimate the quantity of such materials needed every year. The kindling wood was purchased from one man, Cornelius Daly; the soap and soap powder from four different firms, the George Reichard Soap Company receiving \$4,077.66 in thirty-three bills. Various companies furnished the water, which was used by other offices besides the Borough President's.

"Varnish, paints, brushes, glass, etc., were purchased from five firms, John J. McKenna receiving \$1,958.76 for twenty-one bills, and Peter McKay \$1,488.83, paid in seventeen warrants. For lubricating oil the Borne-Scrymer Company received \$2,251.07 in 1904, and \$360.95 in 1905, the remainder being divided among five firms. The great bulk of the brick, lime, etc., was obtained from one firm, John P. Kane & Co., which received \$1,310.75 in 1904 and \$2,571.76 in 1905, a total of \$3,882.51.

"The General Fire Proofing Company furnished steel filing cases valued at \$975 in 1904, and its bills in 1905 amounted to \$1,607.50. In the latter year the Art Metal Construction Company received \$475 for steel filing cases. It is not clear from a business point of view why a regular contract was not awarded for these articles.

From the foregoing quotation from the pamphlet of the Bureau of City Betterment referring to the different items of "Supplies" made in 1904 and 1905, without contract, it will be seen that in most instances the names of the parties or firms and the amounts they received are stated without making any references to the question whether they should have been let by public bidding, or that the prices paid were exorbitant; in fact, as to this class of expenditures (supplies) they say on page 91 of the pamphlet that "very few actual violations of the Charter with respect to the purchase of supplies without contract can occur owing to the vigilance of the Comptroller."

The following, however, are those items upon which the Bureau of City Betterment make comments, which we quote:

#### Disinfectant.

"The expenditure of \$8,120.55 for disinfectant is unusual and it is difficult to understand why a regular contract could not be awarded annually for such material."

#### Kindling Wood, Spring Water, Soap, Soap Powder, etc.

"A contract might properly been awarded. It should certainly not be difficult to estimate the quantity of such material needed each year."

#### Steel Filing Cases.

"The General Fire Proofing Company furnished steel filing cases valued at \$975 in 1904 and its bills in 1905 amounted to \$1,607.50. In the latter year the Art Metal Construction Company received \$475 for steel filing cases. It is not clear from a business point of view why a regular contract was not awarded for these articles."

All of the vouchers paid by the Comptroller for "Supplies" for these years, briefly described, bear the following certification:

Certificate of the Superintendent of Public Buildings and Offices incurring the liability certifying to the necessity of such expenditure and that the prices allowed are just and reasonable.

Certificate of the President of the Borough and of the Commissioner of Public Works that the amount is correct, that the prices charged are just and reasonable, services have been properly performed and that the article has been or will be used.

Certificate of Examining Inspector of the Comptroller's Office that the supplies mentioned have been satisfactorily furnished and that the prices charged for same are reasonable and just.

Certificate of the Comptroller's Examiner of Claims that it is correct as to calculations and extensions, that the prices charged are reasonable and just, etc.

Certificate of Auditor of Accounts in Comptroller's Office reads as follows: "I hereby certify to the Comptroller that I have examined, audited, revised and settled this account for \$ . I find that the expenditure was lawfully incurred and that the charge therefor is reasonable and just, etc."

In order not to unnecessarily encumber this report we beg to refer to our report of January 10, 1907, wherein is shown an analysis of expenditures of supplies and repairs, where the amount for any one year was for more than \$1,000 in all of the bureaus of the President of Manhattan Borough.

On page 6 of said report we refer to our method of auditing the City's accounts as interpreted from the Charter provisions, and pages 7 and 8 refer to the various chapters and sections of the Charter governing the purchase of supplies, the method of obtaining contracts and their execution, and the powers of the Borough Presidents as to the oversight and control of the various matters which shall be under their supervision, as also to the general provisions relating to contracts, as provided for in section 419 of the Charter.

The Charter does not presuppose that any head of a department or President of a borough will evade the spirit of the law or violate any of its provisions, but it has provided a check or safeguard of the interests of the City, should such a contingency arise, by its provisions prescribing of the duties of the Comptroller.

Section 149 provides in part as follows:

"All payments by or on behalf of the corporation, except as otherwise specially provided, shall be made through the proper disbursing officer of the department of finance, on vouchers to be filed in said department by means of warrants drawn on the chamberlain by the comptroller and countersigned by the mayor. The comptroller may require any person presenting for settlement an account or claim for any cause whatever, against the corporation, to be sworn before him, touching such account or claim, and when so sworn, to answer orally as to any facts relative to the justness of such account or claim. Wilful false swearing before him is perjury and punishable as such. \* \* \*

"No claim against the city or against any of the counties contained within its territorial limits \* \* \* shall be paid unless an audit of accounts shall certify that the charges therefor are just and reasonable; and except as herein above otherwise provided, all contracts with the city or any of such counties or with any public officer acting in its or their behalf, shall be subject to such audit and revision by the department of finance."

In order to provide the Comptroller with an unlimited force of assistants necessary to perform the duties imposed upon him by section 149, an Auditing Bureau is specially provided by section 151 (subdivision 4 thereof) to consist of "auditors of accounts, deputy auditors, and such clerks, examiners, engineers, inspectors and employees as the Comptroller may deem necessary and proper."

It would seem to us that it made the plain duty of the Comptroller by the Charter to refuse payment of any vouchers submitted to him which, upon careful investigation, show that the interests of the City have not been duly considered in contracting the liabilities.

Therefore, in auditing the City accounts it has been sufficient for us, as a rule, to know from an examination of each voucher and warrant that the due forms of law have been complied with by the official incurring the liability as well as by the Comptroller who signs the warrant drawn for payment of the voucher; at the same time, our Examiners are instructed to be alert in observing any apparent violation of the strict letter of the law and report them immediately for consideration.

Our experience in this department has taught us that the letter of the law may be observed while its spirit is violated and vice versa; during the past six years the Commissioners of Accounts have unearthed infractions of both natures and have duly reported them, as is shown on pages 2 and 3 of this report.

In our examinations of the Dock Department, where, under "Commissioner's orders," supplies are purchased in quantities amounting to less than \$1,000, we find attached to the vouchers evidences of competition consisting of letters written to two or more persons or firms inviting them to bid.

This practice, we contend, is good business judgment and should prevail in all departments using during the year large quantities of any article, even though their contention is correct that the amount required for the entire year cannot be determined.

In order to ascertain if this practice prevailed in the Bureau of Repairs and Supplies of the Borough President's office of Manhattan, we addressed a letter to the Superintendent, of which the following is a copy:

December 20, 1906.

"WILLIAM R. WALKER, Esq., Superintendent, Bureau of Public Buildings and Offices, Borough President of Manhattan, Park Row Building, City:

"Sir—Will you please advise us what method you have adopted in the past two years for securing bids for repairs to buildings, or in the purchase of supplies, where the amount involved was less than \$1,000?

"Were bids solicited from more than one person in the same line of business, and were such bids made in writing?

"Do the records of your office contain any evidence covering these questions?

"Yours respectfully,  
(Signed) JOHN C. HERTLE,  
"GEO. V. SKAL,  
Commissioners of Accounts."

In answer to our inquiry we received a letter dated December 21, 1906, a copy of which is hereto attached.

It will be seen that the letter dwells more particularly upon "Repair Work" and does not specifically answer our question as to the "purchase of supplies."

Accompanying the letter of December 21 the Superintendent inclosed a letter dated November 24, 1906, which is also hereto attached, to the Borough President of Manhattan, wherein it will be found that he deals both with the subject of repair work and of supplies, which we also submit for the information of J. P. Mitchel, Esq., assigned by the Corporation Counsel as special counsel to assist in this investigation.

Assuming that the Comptroller and his Inspectors, Examiners of Claims and Auditors of Accounts have, as we have on pages 7 and 8, shown under the law he is required to do, used due care in auditing the vouchers and protecting the interest of the City as contemplated by the Charter, we are again confronted with a condition in which a civic body not only involves the officials incurring the liability, but also the great financial offices, the Comptroller, who audited, passed upon and paid vouchers for these expenditures.

#### Remedies Suggested.

In a report dated September 30, 1898, of an examination made for the years 1895-6-7 by the Commissioners of Accounts of those bureaus now under the jurisdiction of the Borough President of Manhattan, certain facts referring to seeming violations of the law in the purchasing of "Supplies" were reported, which prompted the following remedy, from which report we quote:

"The above facts are fully corroborated by our examination just completed, and we call your attention to the fact that some system should be devised whereby all purchases \* \* \* should be under the charge of some one person, whose duty it should be to collate all articles wanted and to amalgamate them into such quantities of over \$1,000 as will permit of public letting, and thereby bring them into fair competition in order to secure the lowest market prices."

Finally, in a report, No. 741, to your Honor, dated November 21, 1904, of our examination of the expenditures of the Bureau of Public Buildings and Offices and Public Baths and Comfort Stations, Borough of Manhattan, for the years 1902 and 1903, then under the jurisdiction of President Cantor, a copy of which was also transmitted to your Honor for the information of President Ahearn, we made use of the following language relative to the "Purchase of Supplies" in the Bureau of Public Buildings and Offices in excess of \$1,000 without public letting:

#### QUOTATION FROM REPORT DATED NOVEMBER 21, 1904:

"Purchases of Supplies in Excess of \$1,000 without Public Letting.

"Under section 419 of the Charter, it is especially provided that

"Whenever any work is necessary to be done to complete or perfect a particular job, or any supply is needed for any particular purpose, which work and job is to be undertaken or supply furnished for The City of New York, and the several parts of said work or supply shall, together involve the expenditure of more than one thousand dollars, the same shall be by contract, to the lowest bidder.

"In presenting the following data, it is not our purpose to unduly criticise the administration of the former Borough President, but rather to call the attention of the present President of the Borough to the provision of the Charter above quoted, to the end that no occasion may arise for an unfavorable comment upon his administration.

"We wish particularly to emphasize our approval of the recommendations made by the Borough President in 1902 and 1903, that there be established in the City Government a 'Bureau of Repairs and Supplies' from which all general supplies, other than those now furnished by the Board of City Record, and all repair work of whatsoever nature could be obtained upon requisition by any of the City Departments.

"Borough President Cantor's remarks upon this subject, taken from his reports of 1902, are quoted below:

"Report Quarter Ending March 31, 1902, Department of Supplies.

"My experience thus far has demonstrated that it is absolutely essential for the interests of the City that a Department of Supplies should be created. It would not only afford to the various departments the furnishing of supplies promptly, but such supplies could be purchased in large quantities at a much reduced price. My department and other departments of the government are using substantially the same kind of supplies, and yet each is making his own purchases in small quantities, when, by purchasing in bulk, the cost to the City would be materially reduced. I believe that such a department would not only prove to be self-supporting, but that the amount of saving in the cost of these supplies would more than pay the expense of such a department, besides getting rid of favoritism and its accompanying extravagances. The cost of most of these supplies aggregates more than \$1,000 annually, and therefore the furnishing of them would be subject to competition at public letting."

"From Annual Report for the Entire Year 1902, Department of Supplies.

"The experience of the past year tends to emphasize my former suggestion as to the necessity for the creation of a Department of Supplies. While it is true that we are now purchasing our supplies at much less than the prices paid by our official predecessors, yet I believe that it would prove to be beneficial to the City if this Department was created, and all the supplies needed by the various Bureaus of the Department were purchased in this manner. The advantages to be derived from such a method need not be detailed. I only call attention to the matter now in order to confirm the impression which I formed soon after I assumed the duties of this office of the necessity of creating such a department."

"Many of the City Departments are now purchasing in small quantities various supplies, the aggregate of which amounts to many thousands of dollars per year, which, if purchased by one central department, would enable the City to purchase these supplies by contract in large quantities, thus receiving the benefit of the lowest prices, and greatly reducing the cost to the City."

While there now exists a similar Department or Bureau where all stationery and kindred supplies are purchased by contract letting and then supplied to all departments requiring them, we are not so sure that the creation of a similar department or bureau for the purchase of the other kinds of supplies used by departments or bureaus would be of a financial benefit to the City, taking into consideration the cost of maintaining the office or bureau and the hiring of storehouses or houses to harbor the supplies purchased.

We present these facts for the consideration of J. P. Mitchel, Esq., Special Counsel assigned to this investigation, as also the following quotation referring to this subject taken from the pamphlet of the Bureau of City Betterment, as shown on pages 87 and 88:

#### Supplies.

"Supplies for the various bureaus under the jurisdiction of the Borough President are purchased by the Superintendent of the Bureau of Public Buildings and Offices, which, before the Charter was revised, was a separate department intrusted with the power to purchase supplies for all city departments. Several departments continue to call upon the bureau to supply them with various articles of necessity, such departments including the Board of Estimate and Apportionment, the Board of Aldermen, the Sheriff's office, the Department of Finance and the various courts.

"The Bureau of Public Buildings and Offices, in view of its position as a sort of general purchasing agent, advocates through its Superintendent a return to the old conditions, and during the last session of the Legislature a bill giving the Bureau all the advantages enjoyed under the former Charter was introduced, but failed of passage. It will doubtless appear at future sessions.

"Theoretically, much might be said in favor of a single supply bureau for all departments, as a means of effecting economies in the purchase of the multitude of articles used by the City, although the activities of the Bureau of Public Buildings and Offices during the past two years do not offer an argument for the enlargement of its powers.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

President of the Borough of Manhattan,  
Offices of the Commissioner of Public Works,  
Bureau of Public Buildings and Offices.  
New York, Dec. 21, 1906.

Hon. JOHN C. HERTLE and Hon. GEORGE VON SKAL, Commissioners of Accounts, Stewart Building, City:

Gentlemen—In reply to your communication of the 30th inst., requesting to be advised as to the method adopted by this Bureau for securing bids for repairs to buildings, or for the purchase of supplies where the amount involved was less than one thousand dollars, also asking if bids were solicited from more than one person in the same line of business, and if such bids were in writing, and whether or not there were any office records covering these questions, I beg to say in order to answer this letter intelligently it will be necessary for me to explain the character and scope of duties that are administered by the Bureau. As you are probably aware the Bureau of Public Buildings and Offices is primarily an emergency bureau, and in the administration of its duties the first consideration is promptness and good workmanship. To accomplish good results in an efficient and economical manner it has been found as a result of an experience learned since the creation of the Bureau up to the present time, covering all manner of administrations, that it is necessary to have at your command contractors engaged in plumbing, steam work, carpentry work, masonry and other building trades who are familiar with the work involved in public buildings, and are willing to give the work their full time and attention at any time of the day or night, according to circumstances. The result from the employment of inexperienced mechanics would be disastrous and a costly experiment. This practical method has been in vogue and stood the test of years of trial, and received the unqualified approval of every official who has administered the duties of this office. The Superintendent of Public Buildings and Offices must have absolute confidence in men who are engaged in mechanical work under his supervision, and in asking for invitation bids it is essential that the prospective bidder be supplied with a specification that will explain fully the extent of the work necessary to be done. This is a physical impossibility in many instances, because the extent of the damage done, or the repair required cannot be determined until flooring is removed, partitions taken down, pumps and engines and other machinery taken apart, therefore the full knowledge of conditions are not known until the job is practically completed. As an example: Only a short time ago, after the new Hall of Records was turned over to the City, the main steam line was found to be in leaky condition, and it was necessary to send a force of skilled mechanics at once to the building and work both day and night, in order that great damage to the machinery might be prevented, and the building closed by the breakdown of the steam plant. Where any repair is required I have the same examined and report made to me of the probable cost by an experienced mechanic, as well as an inspector of this office. I then form my conclusions as to the reasonableness or unreasonableness of the estimate. Before every order is issued the same is given careful consideration, and after the work is completed it is thoroughly inspected, both by this Bureau and the examiners of the Finance Department, and the cost of the job, the quality of materials furnished, and everything in connection with it passed on and audited.

You will see from the above remarks, and from the very nature of the transactions of this Bureau, in applying remedies in cases of emergency, that a system of invitation bidding could not be maintained. In other cases, if a specification be prepared and an order given thereon, unsatisfactory results would follow, because differences of opinion would arise regarding the interpretation of the terms of the specification, and the results desired in doing the job could not be accomplished.

The personal equation enters very largely in the work not of an emergency nature, and the desires and wishes of the Commissioners, heads of departments, or Justices of Courts must be consulted during the progress of the work, and where work is done under orders which state that it must be done to the satisfaction of the President of the Borough, changes and alterations can be made as it goes along to suit the requirements of the office or Court, as the case may be, which could not be done if this work were done under specifications.

This Bureau has grown during the past few years to a great extent, owing to the addition of new buildings, particularly baths and comfort stations, and the consequence is a larger quantity of supplies will be required in the future, and in order to meet the new conditions that will arise, the Clerks in this Bureau are engaged in tabulating the same, and wherever it is possible to prepare a specification that will intelligently describe what is desired, or where we can anticipate the wants of the Bureau for a year, contracts will be let. Your office is aware, from past examinations of the records of this Bureau, that the same are kept in an approved and businesslike manner.

In answering the questions submitted in your communication, I am obliged to say that owing to the circumstances and conditions mentioned therein, it was impossible to follow a system of invitation bidding in accomplishing the important work of the Bureau.

I presume that the information requested is desired in connection with certain published allegations concerning the administration of the Borough President's office, and in order to supply you with further information for your guidance in the conduct of your investigation, I submit a copy of my report to the President of the Borough in this connection.

Respectfully,  
(Signed) WILLIAM H. WALKER,  
Superintendent Public Buildings and Offices.

President of the Borough of Manhattan,  
Office of the Commissioner of Public Works,  
Bureau of Public Buildings and Offices,  
New York, November 24, 1906.

Hon. JOHN F. AHEARN, President, Borough of Manhattan:

Sir—In accordance with your instructions, I have the honor to submit herewith my reply to the article emanating from the Bureau of City Betterment of the Citizens' Union, which article, in my opinion, is a studied misstatement of the facts, clearly indicating the ignorance of the subject matter, and the animus which actuated the authors in the preparation of the document in question. It shows a thorough lack of knowledge of conditions, as well as a lack of experience in discussing the administration of this bureau, which would be humorous in its grotesqueness, were it not for the gravity of allegations alleged therein, and the injury and damage that may result from wide publication of this article.

The article seeks by innuendo to convey the impression that this bureau has been extravagant in the use of funds, and has bestowed upon favorites the benefits thereof, and leaves to the imagination of the public the wrong impression that large sums of money have been expended at one time in violation of the Charter, instead of presenting the truth as shown by the records of this bureau (to which the authors had access), that these expenditures were made upon orders issued from time to time, and ranging in amount from \$5 to over \$900, clearly within the Charter provisions, and only issued as necessity arose and demand required, for the proper maintenance and preservation of the property which is intrusted to the care of this bureau.

This article does not state the necessity of the work performed; does not question the reasonableness of the cost of same, and fails to describe the benefits resulting therefrom to the public.

This bureau has under its jurisdiction thirty-two public buildings, which it cares for and maintains; also six public markets, eight public comfort stations and seven stationary baths, making a total of fifty-three public buildings. In addition to this there are fourteen free floating baths.

In the County Court House there are twenty-six parts of the Supreme Court and two parts of the Surrogates' Court. In the Brown Stone Building there are six parts of the City Court. In the Criminal Courts Building there are four parts of the Court of General Sessions, two parts of the Supreme Court, Criminal Branch, and the Court of Special Sessions; there are fourteen Municipal Courts and six Magistrates' Courts scattered throughout the borough; also the Children's Court, making a total of sixty separate branches of the judiciary, which this bureau cares for, maintains and equips; in addition to the above list there are twenty-five public offices which this bureau furnishes with office furniture and other articles.

From the above statement an idea of the enormous amount of detail and labor involved in the supervision and management of the supplies and repairs furnished during a year may be had, the maintenance of which requires a force of 800 employees.

The valuation of the property under my care is approximately \$500,000,000, for the care and maintenance of which I received for supplies and repairs, including public baths and comfort stations:

|           |           |    |
|-----------|-----------|----|
| 1904..... | \$227,700 | 16 |
| 1905..... | 237,367   | 89 |

Total for two years..... \$465,077 05

The annual appropriation is less than one-half of 1 per cent. of the property valuations, and the income from the public markets alone will more than cover the amount for maintenance and supplies for all of the public buildings. The revenue from the stand-holders in the public markets is about \$250,000 a year; add to the above amount the inestimable benefits derived by the public from the operation of the public bath system, and the successful and economical administration by this bureau of its duties can be readily seen.

In no case has an order for supplies or repairs been issued in excess of \$1,000, except by resolution of the Board of Aldermen, and in these cases the request for exemption was asked by the Justice of the Court, or the head of the department requiring the supply, or the repairs for which an appropriation was asked. Of these latter cases the records show few.

When consideration is taken of the large number of public buildings, baths and comfort stations, with their extensive machinery, steam plants and intricate plumbing systems, and the great strain put upon these buildings and the machinery through continuous operation, and the enormous amount of daily traffic, that if immediate attention is not given to the repair of leaks in the plumbing or steam system, or to breaks in the machinery, the cost of which might be from \$100 to \$900, the result of delay, awaiting additional work that would exceed \$1,000, would be the destruction of vital parts of the building itself, as well as damage to carpets, office furniture, painting, plastering and other work, not to mention the inconvenience and the hindrance to public business that would result and cause an emphatic and just complaint from the citizens using the public buildings.

Most of the buildings are old, and consequently the plumbing, steam plants and machinery are in the same condition, requiring constant care and attention, the average life of the best workmanship in the installation of steam plants and plumbing systems is about fifteen years; therefore, constant and unceasing attention is required to maintain a standard of excellence in the operation thereof.

It is impossible and not within the scope of human intelligence to determine what work may become necessary by reason of accidents, or to foresee emergencies. If it were in my power to raise the curtain of the future, I might be able to determine what work would be required, and to fix a reasonable valuation of the same, but I am not thus favored, and must accordingly follow the light that has been given me and be guided by precedents that have been in vogue and stood the test of many years, receiving the approval of the Commissioners of Accounts year after year, which have evolved themselves into a system that has become the most satisfactory and achieved the best results of any that could be devised. This system, which now maintains in this bureau accomplishes and serves what is for the best interests of this City, and is the result of years of development and constant improvement. From these remarks you can readily see how impractical and extravagantly theoretical are the allegations of the authors of this pamphlet when they ask that public letting be resorted to in work of the character above mentioned. Were we to follow their suggestions to a logical conclusion, the buildings would be without tenants most of the time, owing to the inability to transact business, through neglect to make immediate repairs; and buildings and offices would not be fit for the proper transaction of business.

The mechanical work in this bureau, when given on orders, is intrusted to men who are thoroughly qualified by long years of experience to perform the same satisfactorily, and in a workmanlike manner, and by reason of their experience in the buildings and their familiarity with the plumbing and steam systems, the location of valves, piping, etc., they are enabled to save the City thousands of dollars, which would be wasted away by allowing the work to be done by contractors not qualified by experience.

The supplies furnished are the best to be obtained in the market, and the prices charged are reasonable. Supplies are only furnished on a requisition from the Justice of the Court or the head of the department, or custodians of buildings certifying to the necessity thereof for the proper transaction of the business of the court, office and building, as the case may be. Of course, we cannot expect these considerations to have any serious weight with men of the authors' calibre, who would prefer to theorize and condemn rather than be practical and achieve results. Their specialty is criticism, not initiative, whose motives appear to result from political differences, as opposed to civic betterment.

This entire question of public letting, referred to in their pamphlet, has been threshed out from time to time by the Department of Finance, particularly in regard to the plumbing and steamfitting, and the matter was referred to the Corporation Counsel by Comptroller Grout for an opinion, which was tendered upholding the contention of this bureau, that work of an emergency character must be done immediately and instructed the Comptroller to make payment on all claims therefor. It must not be lost sight of that under no circumstances, except danger to life and limb, are orders issued for plumbing, steam or any other kind of work for an amount in excess of \$1,000. The orders run from \$20 to \$900, as the case may be, according to the fair valuation. The misleading character of the article will thus be seen from the explanation above set forth.

This article further states that \$15,180.23 was expended by this bureau during 1904 and 1905, ("the chief item of which was carfare,") whereas the fact is that only \$5,650.10 was expended by this bureau during the period mentioned for carfare expenses. This expense was incurred by the employees of this bureau in the performance of their duties, and duly audited on sworn statements of the recipients that such moneys were actually expended by them.

As to the large amounts expended for the services of experts, the remarks contained in the article are not worthy of attention, as every citizen knows that such services are absolutely necessary in all public work of an extensive nature. In order to safeguard the public interests the items mentioned were incurred principally upon the new Hall of Records Building. These engineers and experts were employed by the Board of Estimate and Apportionment years previous to your administration.

Another example of the incorrectness of this article is that live steam for the County Court House was not purchased at public letting. Even a superficial investigation of conditions would have shown the New York Steam Company, who furnished the supply, have no competitor, and further, this arrangement with the steam company has been in existence for years, and was handed to your administration.

The impression is given by the article in question that \$30,000 had been expended by this bureau in two years for the purchase of janitors' supplies, etc., and orders for the same given exclusively to one firm. This is incorrect; this amount embraces not only janitors' supplies, but supplies of hardware for the use of the mechanics employed in the bureau, and purchased from time to time on small orders ranging from \$5 upward, as occasion required, and a greater portion of the amount mentioned was expended for office equipment, including steel filing cases, also supplies for the use of the engineers in the various public buildings, which were furnished as requisitions for the same were duly approved, and the necessity of the expenditure shown. I might also add that the amount is not \$30,000, but is \$25,491.25. However, this is merely an incident, yet clearly indicates an important lack of the thoroughness on the part of the investigator which runs through the entire article. Prompt deliveries are demanded in all cases where mechanics are awaiting supplies to finish the work upon which they are engaged. The neglect to make prompt and immediate deliveries would not only be an expensive experiment, by reason of mechanics being left idle, who are receiving from \$4 to \$5 per diem, but would retard the transaction of business. The argument here advanced is also applicable to nearly every case where a supply is furnished, for the reason that I have no knowledge that a Justice of a Court, or a head of a department, will need the services of a chair, a desk, a table or to have carpets laid until a requisition is made upon me asking that the supply be immediately furnished.

It is not a physical possibility to anticipate the wants of the various courts, offices and buildings under my supervision, scattered as they are throughout the Borough, and whose wants are so multifarious.

I might cite another instance of the theoretical reasoning indulged in in reference to the item which states that \$1,488.88 was expended for glazing in two years. A man must be endowed with the gift of foresight indeed if he can determine in advance the number of panes of glass that could be broken in a given time.

I beg to add to the statement made in the article, viz.: "That very few actual violations of the Charter with respect to the purchase of supplies, without contract, can occur, owing to the vigilance of the Comptroller" (page 91), which statement, while condescendingly truthful, is not absolutely correct, it should be amended to read "that no violation of the Charter can escape the vigilance of the Comptroller and myself."

In support of their argument that the spirit of the Charter was violated, the writer cites the cases of orders given for carpenter work on the free floating baths in 1903: this work was for repairs that were caused by accidents, collisions and injuries from the elements while they were moored at their various berths on the North and East rivers during the bathing season. The free floating baths are supported on pontoons and if the pontoon is injured in any way and not repaired at once by skilled mechanics the bath would sink to the bottom of the river before the close of the day. The futility of the argument that this work should be advertised is plain; all of the bills for the work mentioned, even in this emergency, were less than \$1,000. If advertising were resorted to it would take from five to six weeks in the preparation of plans and specifications and contract forms, which latter is approved by the Corporation Counsel, and ere this would have been accomplished the bathing season would have passed away.

Every season contracts are let before the bathing season commences embodying all work for which specifications can be prepared intelligently. This fact I do not find stated in the article, despite the fact that no exceptions were made in the years 1904 and 1905; all of which goes to prove the underlying purposes and motives that actuated these statements; hardly can they be charged to ignorance on the part of the authors, because the freedom of the office, and the use of the Bureau records were given them.

Another glaring misstatement is that the storage of the Free Floating Baths might have been contracted for and obtained more economically in this manner. This is best contradicted by the fact that the Commissioners of the Sinking Fund on September 27, 1905, adopted a resolution directing the Corporation Counsel to prepare a lease of Rogers Basin, South Brooklyn, at the same rental paid by this Bureau, which was at the rate of seventy-five cents per diem for each bath. Further, upon my acceptance of the duties of this Bureau, I found that the price paid was one dollar per diem per bath, which I succeeded in reducing to the price above stated. I presume the authors are not familiar with the conditions that must obtain in a basin for the storage of baths, or else they would have saved themselves needless trouble in penning this paragraph. A basin must have a soft or muddy bottom which will give the baths a cushion saving them from injury; it must be readily accessible and be protected from the elements. The basin which we have secured possesses all of these requisites, and was only secured after a thorough inspection of the water front, by an employee of this Bureau thoroughly competent and qualified to determine which basin met the requirements demanded. I may add that there is no other basin in the vicinity of New York Harbor that is the equal of this one for our purpose, so you can readily see that no competition could exist in this instance.

In relation to the extra work performed by Murphy Bros., on the Allen Street Bath, I beg to say that this work was recommended and approved by the architects Messrs. York & Sawyer, and the work done by Alfred Beinhauer and Patrick Gallagher was recommended and approved by the architects Messrs. Renwick, Aspinwall & Tucker, who had authority under the terms of the contracts governing the erection of the bath and the comfort stations to issue the same, upon which work the men above mentioned were the general contractors.

The insinuation that favoritism was shown on the work is sufficiently rebuked by the character and excellent reputation of these architects. The erection of this bath and the comfort stations mentioned, were contracted for by your predecessor and awarded to the contractors during his term of office; so also were the architects mentioned above appointed by the same power. There are no apologies to be made for their work.

I have stated herein as clearly and concisely as possible in a general way an account of the manner in which the appropriations given this Bureau for "Supplies and Repairs" were expended, and I challenge any fair critic to discover any violation of the law or irregularity in this Bureau the duties of which during my five years' experience I have administered to the best of my ability, and in a faithful and conscientious man-

ner. I do not believe that any more or any better results could have been accomplished than have been achieved during the past five years. It is a simple matter to enact the role of the critic, but the critic himself fails to discover the imperfections that exist in his own person.

In the care of property worth nearly \$50,000,000, the comparatively small sum of less than \$250,000 is expended for the maintenance, repairs and preservation of this public property, and the citizens of New York City can be assured that they are receiving a full return for the money expended.

Criticism of the public bath system is given a great deal of space in this pamphlet. I maintain that the system of public permanent baths have fulfilled a long felt want in this City, and are a great boon to the people of the congested districts, and the City has done well in asking appropriations for this purpose. I firmly believe the administration of these institutions can best be accomplished under the borough head who is directly responsible to the people of the borough and whose confidence in your work as a public official has been too often attested to be here dilated upon. The stationary baths being public buildings very properly come under the direct supervision of this Bureau. There is attached to this Bureau a Superintendent of Public Baths and Comfort Stations, whose duties involve the supervision of employees and the examination of the condition of the baths and public comfort stations. It is his duty to make reports to me, and I, in turn, have been making my reports to you from time to time, and each report, as you know, especially in the suggestions which have been made for perfection in the construction of the new baths or the betterment of the present baths, have been endorsed by you.

I have in the past upon the opening of public bath buildings acted in harmony with the New York Society for the Improvement of the Condition of the Poor, and at their request issued circulars, cards and other advertising to bring the attention of the people to the existence of the baths and to popularize them in every way. I am ever ready to meet every suggestion from any source that seems to be worthy and given in good faith, and I am always open for opinions and recommendations from any citizen which will promote greater efficiency in the administration of the bath system.

The tables of comparison recited in the article alleging to show unfavorable difference in time in the completion of the bath buildings are absolutely valueless, so too are the comparisons of coal, because of the difference in the size of the buildings, as against those of the Borough of Brooklyn, with which comparison is made, also the difference in the cost of labor and material and the architectural features are widely at variance. In excavating in the Borough of Brooklyn, sand is only met with in most cases, while in Manhattan rock is the principal obstacle encountered. The cost of excavating rock of course is more expensive and takes longer, which will account for the difference in time and cost between buildings in Manhattan and Brooklyn.

The buildings for bathing purposes of Manhattan are superior and built on a larger scale than those of Brooklyn, and the accommodations are greater.

It would appear upon perusal of this article that the Rivington Street Bath was built under your administration, and that you were responsible for the delay in the completion thereof, which is far from being a fact. The contract was awarded in 1897, and the building opened early in 1901. The records of the Bureau show that the reason for the delay was that the original contractor failed and the building was delayed on account of law suits for the collection of moneys due sub-contractors.

All of the stationary baths now in operation were contracted for and planned previous to your administration. The architects were also appointed at the same time. The Borough President is guided, of course, by the reports of the architects in the granting of extensions of time for completion and also as to the necessity of penalizing contractors for failure to complete within the time specified. There are numerous reasons given which cause delay in the erection of buildings, such as labor troubles, weather and other sufficient causes, which are sufficient also to the architects in requesting extensions of time. The architects who designed the baths and supervised their construction are as follows:

York & Sawyer, Allen, West Forty-first and East One Hundred and Ninth streets.

Stoughton & Stoughton, East Seventy-sixth street.

Werner & Windolph, West Sixtieth street.

Arnold W. Brunner, East Eleventh street.

Arnold W. Brunner and Wm. Martin Aiken, East Twenty-third Street Bath.

The gentleman who made the investigation on public baths in this Bureau is, I understand, from Chicago, and only here a short time. If he had made inquiry into the character and standing of the architects above mentioned he would not be so loose in his criticisms.

As you are aware, all the attendants employed on the public baths are certified to you from Civil Service Lists, after examinations are had therefor; and as to the number of employees that are necessary for the operation of a building it is entirely within the discretion of the head of this Bureau, which discretion never has been abused by me. The opinion of the authors as to the number of attendants, is merely personal and not worth serious notice.

Experience and constant handling of the bath situation is the best guide in devising systems for their satisfactory operation, and this is being accomplished by the staff of this Bureau. While I am always ready to receive suggestions looking toward perfection in the operation of the baths, I must reserve the right of deciding both as to the wisdom and the adaptability of such suggestions before putting them into force and effect.

The statement of comparative figures as to the attendance of the public as shown in the article are not reliable and were taken just after the opening of the West Forty-first Street Bath at a time when it was not completely finished and could only work to half its capacity owing to the fact that the water pressure was insufficient to reach the upper floors. I have since installed new supply lines giving the upper floors water and all the baths can now work to their full capacity.

The bath which receives the smallest patronage, the West Forty-first Street Bath, is taken as a basis of comparison which shows the utter unfairness of the authors and an inclination to conceal the real facts. The patronage at this bath has greatly increased since the dates upon which counts were based in this article. The Rivington and Allen Street Baths, which are incapable of accommodating the demands made upon them, are not given the notice which they are entitled to, and would form a better basis for comparison. All the interior baths are enjoying greater popularity, as their existence is being advertised and their excellence being understood by the people, the natural result of which has been an increased patronage.

In conclusion I can hardly let the statement reflecting upon my competency go unanswered. Criticism from this source is rather praise in disguise. As for myself, I have the honor to say that I have been a resident of this City for the past forty years, which residence has been confined to the same city block, and the confidence in which my neighbors hold me has been attested by my being elected six times by the people to public office. I have had an experience of thirty years in the building and contracting business and as a private citizen and man of business have erected buildings equally as large as the ones over which I now have supervision, and have altered and repaired hundreds of miscellaneous buildings. In the time mentioned I have worked under the direction of the leading architects of this City. This career of over thirty years in the building and contracting business, which has been honorable in every respect, is sufficient answer to the argument of insufficiency. When I took charge of the public buildings, five years ago, they were in a condition that was bordering on delapidation and through the energies and activity of this Bureau great improvements have been made, and I am pleased to say the public buildings are in better condition than they have been in the past twenty years.

I may say with due modesty that there is not an architect or engineer, or practical mechanic, nor a man of common sense (it is unfortunate that the latter qualification is lacking in the authors) who could draw specifications with sufficient accuracy to obtain an intelligent bid, where a water or steam pipe breaks, or where waste or other piping is stopped up, or the falling of a part of a building which would endanger life or limb, particularly when most of these breaks and accidents are concealed under flooring, in recesses or in the earth itself, and in order to locate the fault it is necessary to take up flooring, remove partitions, excavate the ground, and make other removals in order that a thorough examination can be made; when this work is accomplished the major portion is done.

I can no more fix the time when a break or an accident will occur than I can control the rising and setting of the sun. Where specifications cannot properly be framed it is impossible to award a contract at public letting.

The article taken in its entirety shows an utter contempt for the truth and I submit that exaggeration, misrepresentation and misinformation can hardly or should be accepted as proofs of extravagance or incompetency.

Respectfully submitted,

Superintendent Public Buildings and Offices.

No. 1898j.

Office of the Commissioners of Accounts, Stewart Building, No. 280 Broadway, New York, February 4, 1907.

Subject—Reference to "Expert Services" referred to by the Bureau of City Betterment's Pamphlet, pages 94 and 95. Referring to "Control of Unsafe Building Fund, Surveyors of the Highways, Professional Services in connection with Public Buildings, Architects, Consulting Engineers, Real Estate Experts," etc.

Hon. GEORGE B. McCLELLAN, Mayor:

Dear Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, we beg to submit this our tenth report relating to the above subjects for the use and guidance of J. P. Mitchel, Esq., special counsel appointed by the Corporation Counsel for this examination.

QUOTATIONS FROM PAGES 94 AND 95 OF THE BUREAU OF CITY BETTERMENT'S PAMPHLET.

Expert Services.

Paragraph 1. Under the terms of the Charter, the Borough President has power to appoint Consulting Engineers of Highways, Sewers and Public Buildings and a Consulting Architect. He has control of the Unsafe Building Fund, and any expenditure he makes in this connection becomes a lien against the property demolished. For professional services relating to the highways, public buildings and unsafe buildings, etc., the sum of \$21,873.44 was expended in 1904, and \$80,050.63 in 1905, the total being \$101,924.07.

Paragraph 2. "To F. Stuart Williamson, as Consulting Engineer of the Riverside drive extension, \$37,203 was paid in 1904-1905, the amount audited in 1905 being \$30,998."

Paragraph 3. "Surveyors for the highways received about \$33,000 in the two years, the principal items being as follows: A. P. Hartman, \$12,779.59; George C. Wheeler, \$7,826.92; Frederick Reinert, \$7,444.31; C. A. Crane, \$2,104.26; J. W. Howard, \$1,550; Charles S. Towle, \$368.44."

Paragraph 4. "About \$19,400 was expended for professional services in connection with public buildings, \$11,400 of this amount being utilized for the new Hall of Records. Bernstein & Bernstein, architects, received \$5,821.20 for general services in the two years. The large amounts expended for the Hall of Records were: Lewinson & Just, consulting engineers, \$3,645.49; Charles Frederick Hoffman, real estate expert, \$3,500; C. O. Mailloux, \$2,576.99; Albert L. Webster, for superintending plumbing, \$1,182.83—all in 1905."

Paragraph 5. "Surveys for the Bureau of Buildings and other professional service cost \$7,740.50 in the two years. The commission to investigate the Hotel Darlington disaster received \$1,500, and the following are the larger sums paid out for surveys: John P. Benson, \$1,325; F. S. Benedict, \$1,025; Charles I. Berg, \$800; Joseph Wolf, \$575; Ernest Greene, \$550; Edgar Joselyn and D. Errett Ward, \$525 each; Charles W. Stoughton, \$400."

We have numbered the foregoing paragraphs in serial order for identification, and to which numbers we will refer in reporting the result of our investigation.

Paragraph 1.

The Bureau of City Betterment contend that the Borough President has control of the Unsafe Building Fund.

This matter will be considered in our report on the Bureau of Buildings.

Paragraph 2.

F. Stuart Williamson, Consulting Engineer, was appointed on the Riverside drive extension under the resolution of the Board of Estimate and Apportionment, dated June 6, 1902, the amounts paid him being for commissions as Consulting Engineer on contract work.

Paragraph 3—Surveyors.

The revised Ordinances of The City of New York (section 261) prohibit the erection of a building bounded by any of the streets or avenues unless the land to be used be previously viewed and laid out by a surveyor, under a penalty of fifty dollars for each offense.

The City also employs surveyors for preliminary surveys in regulating a street, opening country roads, filling sunken lots, grading, setting curb and gutter, flagging, fencing and establishing new grade lines.

City surveyors are designated by the Board of Aldermen, and limited to the number that the Board may, from time to time, think proper (sections 259 and 260), and the compensation to be received by them is fixed by the said Board of Aldermen (sections 263, 265, 267 and 270).

The Commissioner of Public Works may, for the proper administration of his office, have authority (section 266) to employ such one of the City Surveyors as he may select for that purpose.

Under such authority, the surveyors named by the City Betterment Bureau were employed by the Borough President.

Paragraph 4—New Hall of Records, Consulting Engineers, etc.

From investigation we find that the Board of Estimate and Apportionment, under authority granted them by chapters 59 and 793, Laws of 1897, and by resolution on October 14, 1897, appointed Consulting Engineers for the new Hall of Records, as follows:

Lewisson & Just for structural steel and iron foundation.

C. O. Mailloux for electrical work.

A. R. Wolf for heating and ventilation.

A. L. Webster for plumbing.

—with compensation in accordance with recommendations of J. R. Thomas, Supervising Architect.

Charles Frederick Hoffman was paid \$3,500 November 22, 1905, for Professional Services as Real Estate Expert on account of construction of the New Hall of Records pursuant to Section 18, Chapter 59, Laws of 1897, requisition for same having been made on the Comptroller by the Board of Estimate and Apportionment who authorized the issue of Revenue Bonds for such purpose.

The payment is certified as correct by C. B. Fornes, Acting Mayor, N. T. Phillips, Acting Comptroller, T. P. Sullivan, Acting President of Board of Aldermen, William Dalton, Acting Borough President of Manhattan.

As stated in Paragraph 1, the Borough President, under the terms of the Charter, has the power to appoint a "Consulting Architect."

The following Table shows the account to be charged, the date of appointment of Messrs. Bernstein & Bernstein by President Ahearn and the date the Board of Estimate and Apportionment authorized the money for each of the contemplated changes.

Years 1904 and 1905.

| Account of   | Date of Appointment of Bernstein & Bernstein. | Date Board of Estimate and Apportionment Authorized Money. |
|--|---|--|
| Repairing and Redecorating City Hall.....  | .....   | Feb. 5, 1904   |
| Improvements P. B. and O. City Hall.....   | Mar. 4, 1904                                  | June 24, 1904  |
| Repairs to New York County Court-house.....  | June 1, 1904                                  | Apr. 29, 1904  |
| Publicly Bettering the Fifty-seventh Street Court-house, Jefferson Market Court-house, Harlem Court-house..... | Nov. 28, 1904                                 | Sept. 30, 1904   |
| Repairs to Public Markets, Reroofing West Washington Market .....  | July 28, 1905                                 | July 21, 1905  |
| Repairs and Alterations to City Chamberlain's Office.....  | July 28, 1905                                 | July 7, 1905   |
| Baths in Rivington Street, Additional Bathing Facilities...  | May 31, 1906                                  | Nov. 24, 1905  |
| Repairs to Public Markets, Re-roofing Fulton Market.....   | Aug. 8, 1905                                  | Mar. 2, 1906   |
| Public Bath Fund, Bath 5-7 Rutgers Place.....  | July 31, 1906                                 | July 21, 1905  |
|  |   | May 20, 1904   |
|  |   | Mar. 16, 1905  |

## Paragraph 5.

Expenditures in the Bureau of Buildings, relating to unsafe buildings, referred to in this paragraph, will be treated of by us in our report on the Bureau of Buildings.

Respectfully submitted,  
JOHN C. HERTLE, Commissioner of Accounts.

No. 1898k.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 6, 1907.

Subject—Referring to "Vaults Under Sidewalks," on pages 81, 82, 83, 84 and 85, pamphlet of Bureau of City Betterment, office of the President of the Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—We beg to submit this our eleventh report of a special examination of the office of the President of the Borough of Manhattan for the years 1904 and 1905, the subject being that of "Vaults Under Sidewalks," as considered on pages 81 to 85, both inclusive, of the pamphlet issued by the Bureau of City Betterment.

## QUOTATIONS FROM PAGE 81.

## "Vaults Under Sidewalks."

"The City owns the streets from lot line to lot line. It owns not only the roadway from curb to curb, but the sidewalks, and not only the sidewalk itself, but the earth beneath it, in the fullest legal sense.

"Accordingly, the City is liable for damages for injuries to persons caused by defective sidewalks when the condition of the sidewalk can be properly attributed to the negligence of the City authorities. In other words, the City enjoys the burdens of ownership in that it is responsible for the making and keeping in repair of sidewalks and for damages arising from its neglect in that respect.

"It is known to what uses the earth beneath the surface of the roadways is put by the City. It is here that sewers and pipes are laid, either by the City itself or by some franchise holding company.

"Apparently no public use has been discovered for that portion of the highway which lies under the surface of the sidewalks.

"This space is almost everywhere used by the abutting property owners for the construction of vaults, on the payment to the City as rental for an indefinite period, hitherto practically forever, the sum of \$2 per square foot."

Page 82.

"The sale of the privilege of using this City property for private persons produced an income to the City of \$213,265.39 in 1904 and \$328,044.35 in 1905.

"The grantees put this space to divers uses, from the storage of coal to providing room for the selling of goods or restaurant purposes. In this way for a trifling sum land owners can add generously to the space of their basements, and for its use by others derive a handsome profit over what they themselves pay the City.

"The City receives only one payment; the landlord's revenue continues indefinitely.

"Some of the contracts between the selling value of land and the receipts of the City for vault space adjoining are strikingly set forth in the case of two buildings now in course of construction." \* \* \*

Page 83.

"Whether or not there may be a use to which the City could put this public land under the sidewalks, it is clear that it should derive a revenue from its occupancy and use by private persons in some way commensurate with the privilege enjoyed. How this can be equitably done has already been illustrated in Chicago." \* \* \*

Page 84.

"It will have been seen that in Chicago users of space under sidewalks have to pay an annual rent conditioned upon the assessed valuation of the abutting property; that this rent increases with the depth of the vault over fifteen feet; that the city is protected by bond from any damage which may be claimed from it by reason of accident caused by the condition of the sidewalk above the vault, the presence therein of manholes leading to the vault, coal openings, etc.; and that the use of vaults for private purposes can be terminated whenever the space is required by the public."

The following table, compiled by us from the records, shows the receipts by years from vault permits to have been:

|                         |              |
|-------------------------|--------------|
| 1897, from April 1..... | \$171,450 72 |
| 1898 .....              | 183,756 15   |
| 1899 .....              | 139,921 38   |
| 1900 .....              | 277,952 02   |
| 1901 .....              | 277,952 02   |
| 1902 .....              | 276,606 10   |
| 1903 .....              | 212,148 35   |
| 1904 .....              | 205,851 23   |
| 1905 .....              | 336,904 49   |

From the foregoing table it will be seen that the receipts from this source increased in 1905 over 1904 about \$131,000, or 63 per cent., and the number of permits issued in 1904 was 231 and 281 in 1905.

The contention of the Bureau of City Betterment is that the fees now charged are not sufficient, and that the City, instead of receiving only one fee, should exact an annual fee, and in closing this subject the Bureau of City Betterment, on page 85 of its pamphlet, makes use of the following language:

"Whether President Ahearn is conscious of the great loss to the City which results from the archaic and unscientific method of leasing vault spaces in his borough is not known. It is clear, however, that it is incumbent upon him, as the conservator of the interests of his borough and the official in whom the power to grant vault permits is vested, and as a member of the Board of Aldermen, to determine some method of securing for the City an adequate return for the use of its property under the sidewalks."

We have always felt that the City does not derive a sufficient revenue for this privilege, and we would therefore suggest that this subject receive special attention in this investigation, so that we may make some practical recommendations.

## Previous Reports Made by the Commissioners of Accounts.

In auditing the accounts of a bureau or department we endeavor, with the limited force, we have, to see not only that the moneys acknowledged to have been collected have been properly accounted for to the City Chamberlain, but also to ascertain whether the laws and ordinances have been fully complied with in cases where permits have been granted and payments made thereon.

In a report dated September 30, 1898, made by this office to his Honor the Mayor, of the Department of Highways, now under the jurisdiction of the Borough President of Manhattan, we reported in detail on violation of City ordinances as to vault permits, showing failure to collect fines in 1895, 1896 and 1897, amounting to \$103,078.97.

Again, on June 28, 1904, this office made an investigation of the records of the Department of Highways relative to the issuance of permits for "vault space" under streets and sidewalks in the Borough of Manhattan, a copy of which report was transmitted to your Honor, as also one for the Hon. John F. Ahearn, and one for transmission to the Corporation Counsel. We showed that there was due the City from April 1, 1897, to October 11, 1903, the sum of \$160,403.60, same being the excess value of space, and amounts due for fees and penalties of thirty-seven cases in the Borough of Manhattan, resulting from an actual inspection and measurement by our Inspectors of 1,195 premises, and a comparison of same with the records of permits

granted in the possession of the Department of Highways, together with recommendations relative to same, a copy of which report is hereto attached for the information and guidance of J. P. Mitchel, Esq., Special Counsel.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, June 28, 1904.

Subject—Audit of Receipts from Permits to Construct Vaults Under Sidewalks, April 1, 1897, to October 1, 1903, Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—We have concluded an investigation of the records relating to the issuance of permits for the use of vault space under streets and sidewalks in the Borough of Manhattan, together with an audit of receipts for the privileges granted thereby, and a careful measurement of the space used by the grantees of each of 1,195 permits issued between the 1st of April, 1897, and 1st of October, 1903, and beg to submit herewith the results of our labor.

## Departments Issuing Vault Space Permits.

During the period mentioned the authority for granting permits to use public property under streets and sidewalks, to increase the cellar or vault space of structures abutting thereon, has been lodged in the following Departments:

Department of Public Works, April 1, 1897, to December 31, 1897.

Department of Highways, January 1, 1898, to December 31, 1901.

Borough President, January 1, 1902, to October 1, 1903.

## Receipts from Vault Permits.

The total amount received from this source between April 1, 1897, and October 1, 1903, and properly accounted for by transmittal to the City Chamberlain, was \$1,410,384.63.

## Receipts by Years.

|                          |              |
|--------------------------|--------------|
| 1897 (from April 1)..... | \$171,450 72 |
| 1898 .....               | 183,756 15   |
| 1899 .....               | 139,921 38   |
| 1900 .....               | 148,549 91   |
| 1901 .....               | 277,952 02   |
| 1902 .....               | 276,606 10   |
| 1903 .....               | 212,148 35   |

## Details of the Audit.

When auditing the accounts of a bureau or department, it becomes our duty not only to ascertain that moneys acknowledged to have been collected have been properly accounted for to the Chamberlain, but also to make such further investigation as is necessary to determine whether the laws and ordinances have been fully complied with in cases where permits have been granted and payments made thereon.

To that end we detailed two Inspectors of our office to visit, and in each case measure all vaults for which permits had been granted from April 1, 1897, to October 1, 1903.

There are two classes of vault permits issued, one by direct application to the Department of Public Works, under the general provisions of the Revised Ordinances, and applies only to vaults extending to curb line.

For those extending beyond the curb line application is made to the Board of Aldermen, and when permission is granted by them and approved by the Mayor, a permit is then given by the Department of Public Works.

## Ordinances Relating to Vault Permits.

The several ordinances applying to the granting of vault permits are herewith quoted:

## Revised Ordinances. Article XIX.

Sec. 318. "The Commissioner of Public Works and Commissioner of Street Improvements in the Twenty-third and Twenty-fourth wards, on application for that purpose, are empowered to give permission to construct any vaults or cisterns in the streets within their respective territories, provided, in the opinion of the Commissioner granting such permit, no injury will come to the public thereby."

Sec. 319. "No person shall cause or procure any vault or cistern to be constructed or made in any of the streets of The City of New York without the written permission of the Commissioner having jurisdiction thereof, under the penalty of one hundred dollars, to be sued for and recovered from such person and the master builder or person who made the same severally and respectively."

Sec. 320. "Every application for permission to erect such vault or cistern shall be in writing, signed by the person making the same and shall state the number of square feet of ground which is required for the same, and the intended length and width of the same."

Sec. 321. "After obtaining permission to construct or make such vault or cistern, and previous to the commencement thereof, the person so applying shall forthwith pay to the Commissioner granting the permit therefor such sum as he shall certify in the said permission to be a just compensation to the City for such privilege, calculated at the rate of not less than thirty cents nor more than two dollars per foot for each square feet of ground mentioned, as required for such vault or cistern, under the penalty of one hundred dollars."

Sec. 322. "No person shall erect or build or cause or permit any vault or cistern to be made which shall extend further than the line of the sidewalk or curbstone of any street under the penalty of one hundred dollars."

Sec. 323. "It shall be the duty of every person for whom any vault or cistern may be in process of construction to procure the same to be measured by one of the City Surveyors, and to deliver to the Commissioner granting the permit therefor a certificate of the said measurement, signed by such Surveyor, before the arching of such vault or cistern shall be commenced, under penalty of one hundred dollars."

Sec. 324. "If it shall appear by such certificate or otherwise that such vault or cistern occupies a greater number of square feet than shall have been paid for as aforesaid, the owner of such vault or cistern and the master builder by whom or under whose direction such vault or cistern shall be constructed, shall, in addition to the penalty imposed by this article, severally and respectively forfeit and pay twice the sum previously paid for each square foot of ground occupied by such vault or cistern over and above the number of square feet paid as aforesaid."

## Measurement of Space Used Compared with Permits.

Our Inspectors visited and measured 1,195 premises where permits had been granted for vault space, and their reports of the measurements were compared with the records of permits granted and in the possession of the Department, dating from 1857 to 1904, with the following result:

|   |       |
|---|-------|
| Location numbers incorrect .....              | 1     |
| Under construction .....                      | 65    |
| No vault space at address given .....         | 6     |
| Vault space in excess of present permit ..... | 37    |
| Permit measurements correct .....             | 1,086 |

The records of permits granted do not date further back than 1857. These had to be examined, because it is manifest that in the reconstruction which has been going on since the earliest recorded date, permits have been granted for new structures in addition to the space originally taken.

In those cases where the vault space, as measured by the Inspectors of this office, has been found to be in excess of the measurements given in the permits granted, both the owner and builder, under section 324 of the Revised Ordinances, appear to be liable, severally and respectively, to pay twice the sum previously paid for each

square foot of ground occupied by such vault over and above the number of square feet previously paid for, and also under sections 319 and 322 of the Revised Ordinances to pay a penalty of one hundred dollars each for the excess space acquired. In a few cases a liability exists for failure to obtain the Board of Aldermen's permission to extend the vault space beyond the curb line.

The fees and penalties, under section 324, due from these 37 cases where the vault space is in excess of that which the parties are entitled to under the present permits amount to \$152,603.60, as follows:

| Excess of Square Feet Over Present Permits. | Double Original Rate Under Section 324. | Due From Owners Under Section 324. | Due From Builders Under Section 324. | Total Amount Due. |
|---|---|------------------------------------|--------------------------------------|-------------------|
| 606 69                                      | \$2 00                                  | \$1,213 38                         | \$1,213 38                           | \$2,426 76        |
| 590 00                                      | 2 50                                    | 1,475 00                           | 1,475 00                             | 2,950 00          |
| 5,269 51                                    | 3 00                                    | 15,808 53                          | 15,808 53                            | 31,617 06         |
| 2,481 34                                    | 3 50                                    | 8,684 69                           | 8,684 69                             | 17,369 38         |
| 12,280 05                                   | 4 00                                    | 49,120 20                          | 49,120 20                            | 98,240 40         |
| 21,227 59                                   |   | \$76,301 80                        | \$76,301 80                          | \$152,603 60      |

Statement Showing Excess Vault Space and Amounts Due for Fees and Penalties of 37 Cases in the Borough of Manhattan, From April 1, 1897, to October 11, 1903.

| Permit.            | Owner or Builder.                                       | Commissioners of Accounts—Sq. Ft. | Deductions.                |                                       |                   | Net Excess Square Feet. | Owner to Pay Double the Original Rate per Sq. Ft. Amount Due. | Builder to pay Double the Original Rate per Sq. Ft. Amount Due. | No. Square Feet Outside Curb. | Penalties. |          | Total Amount Due City. |     |            |
|--------------------|---|-----------------------------------|----------------------------|---------------------------------------|-------------------|-------------------------|---|---|-------------------------------|------------|----------|------------------------|-----|------------|
|                    |   |                                   | Sq. Ft. in Present Permit. | Sq. Ft. in Old Vaults, Hydrants, Etc. | Total Deductions. |                         |   |   |                               | Owner.     | Builder. |                        |     |            |
| 6618 Apr. 10, 1897 | Jas. H. Fraser, 60 Beekman st..                         | 749.8                             | 104                        | .....                                 | 104               | 645.8                   | \$2,583.20  | \$2,583.20  | .....                         | 100        | ...      | 100                    | ... | \$5,366.40 |
| 54 June 4, 1898    | J. R. Roosevelt, Broadway, cor. Duane .....             | 2,765                             | 1,829.38                   | 15.74                                 | 1,845.12          | 919.88                  | 3,679.52  | 3,679.52  | .....                         | 100        | ...      | 100                    | ... | 7,559.04   |
| 126 Dec. 9, 1898   | C. Rosenbaum, 136-8 Greene st.                          | 435                               | 188.92                     | .....                                 | 188.92            | 246.08                  | 984.32  | 984.32  | .....                         | 100        | ...      | 100                    | ... | 2,168.64   |
| 150 Mar. 13, 1899  | M. and H. L. Goodwin, Beekman and Gold streets.....     | .....                             | 37                         | .....                                 | .....             | .....                   | .....   | .....   | .....                         | 100        | ...      | 100                    | ... | .....      |
| 321 Apr. 7, 1900   | M. and H. L. Goodwin, Beekman and Gold streets.....     | 1,374.6                           | 14.99                      | .....                                 | 51.99             | 1,322.61                | 5,290.44  | 5,290.44  | 330.6                         | 100        | 100      | 100                    | 100 | 10,980.88  |
| 155 Mar. 23, 1899  | L. Renn, 15 West 27th street..                          | 336                               | 141.50                     | .....                                 | 141.50            | 194.50                  | 778.00  | 778.00  | .....                         | 100        | ...      | 100                    | ... | 1,756.00   |
| 203 Oct. 3, 1900   | Est. Thos. Sufern, 154 Chambers street.....             | 600                               | 100.30                     | .....                                 | 100.30            | 499.70                  | 1,998.80  | 1,998.80  | .....                         | 100        | ...      | 100                    | ... | 4,197.60   |
| 285 Jan. 13, 1900  | A. Vanderwerken, 35 Spruce st..                         | 416                               | 73                         | 27                                    | 100               | 316                     | 1,264.00  | 1,264.00  | .....                         | 100        | ...      | 100                    | ... | 3,728.00   |
| 328 Mar. 1, 1900   | Est. of J. G. Sanders, Maiden Lane and Nassau street... | 752.6                             | 34.1                       | .....                                 | 34.1              | 918.5                   | 3,674.00  | 3,674.00  | 95                            | 100        | 100      | 100                    | 100 | 7,748.00   |
| 330 May 4, 1900    | Geo. A. Fuller Co., Mercer and Spring .....             | 639                               | 139.24                     | .....                                 | 139.24            | 499.76                  | 1,999.04  | 1,999.04  | .....                         | 100        | ...      | 100                    | ... | 4,198.08   |
| 358 June 26, 1900  | Wm. Duryea, 122 Nassau street.                          | 187                               | 55.48                      | .....                                 | 55.48             | 131.52                  | 526.08  | 526.08  | .....                         | 100        | ...      | 100                    | ... | 1,252.16   |
| 430 Jan. 29, 1901  | H. Ottenberg, 2d ave. and 22d st.                       | 269                               | 78                         | 91                                    | 169               | 100                     | 200.00  | 200.00  | .....                         | 100        | ...      | 100                    | ... | 600.00     |
| 487 May 13, 1901   | Schermerhorn Est., 93 Chambers street .....             | 325                               | 112.50                     | .....                                 | 112.50            | 212.50                  | 850.00  | 850.00  | .....                         | 100        | ...      | 100                    | ... | 1,900.00   |
| 488 May 15, 1901   | Schermerhorn Est., 91 Chambers street .....             | 325                               | 109.50                     | .....                                 | 109.50            | 215.50                  | 862.00  | 862.00  | .....                         | 100        | ...      | 100                    | ... | 1,924.00   |
| 575 Oct. 9, 1901   | Hanover National Bank, Nassau and Pine streets.....     | 1,133                             | 237.02                     | .....                                 | 237.02            | 895.98                  | 3,583.92  | 3,583.92  | .....                         | 100        | ...      | 100                    | ... | 7,367.84   |
| 577 Oct. 14, 1901  | Fred Egler, 60 and 62 West End avenue .....             | 903                               | 396.31                     | .....                                 | 396.31            | 506.69                  | 1,013.38  | 1,013.38  | .....                         | 100        | ...      | 100                    | ... | 2,226.76   |
| 7 Jan. 23, 1902    | F. P. Bloodgood, 18-20 West 25th street .....           | 147.80                            | 59.88                      | .....                                 | 59.88             | 87.92                   | 351.68  | 351.68  | .....                         | 100        | ...      | 100                    | ... | 903.36     |
| 14 Jan. 29, 1902   | Rider Erickson Eng. Co., Church and Warren streets..... | 1,705.03                          | 260.65                     | .....                                 | 260.65            | 1,444.38                | 5,777.52  | 5,777.52  | 325.8                         | 100        | 100      | 100                    | 100 | 11,955.04  |
| 29 Feb. 28, 1902   | J. T. Williams, 116 Liberty st..                        | 1,184                             | 15.75                      | 90                                    | 105.75            | 1,078.25                | 4,313.00  | 4,313.00  | 344                           | 100        | 100      | 100                    | 100 | 9,026.00   |
| 30 Mar. 25, 1902   | Albert Saxe, 77th street and Broadway .....             | 688.48                            | 44                         | 335.95                                | 379.95            | 308.53                  | 925.59  | 925.59  | .....                         | 100        | ...      | 100                    | ... | 2,051.18   |
| 64 Apr. 30, 1902   | Henry Corn, 5th avenue and 14th street .....            | 6,641                             | 4,839                      | 651                                   | 5,490             | 1,151                   | 4,604.00  | 4,604.00  | .....                         | 100        | ...      | 100                    | ... | 9,408.00   |
| 77 May 19, 1902    | Mrs. R. Stafford, 29th street and 6th avenue .....      | 900                               | 300.60                     | .....                                 | 300.60            | 599.40                  | 2,097.90  | 2,097.90  | .....                         | 100        | ...      | 100                    | ... | 4,395.80   |
| 125 July 1, 1902   | German Savings Bank, 102-4 East 14th street .....       | 1,187                             | 506.25                     | 595.75                                | 1,102             | 85                      | 255.00  | 255.00  | .....                         | 100        | ...      | 100                    | ... | 710.00     |
| 146 Aug. 4, 1902   | Gustav Aminnik, 125 Pearl street                        | 75                                | 24.44                      | .....                                 | 24.44             | 50.56                   | 202.24  | 202.24  | .....                         | 100        | ...      | 100                    | ... | 604.48     |
| 197 Oct. 15, 1902  | Bayard Realty Co., Crosby and Spring streets .....      | 4,090                             | 2,196.10                   | 8.67                                  | 2,204.77          | 1,885.23                | 5,655.69  | 5,655.69  | .....                         | 100        | ...      | 100                    | ... | 11,511.38  |
| 201 Oct. 23, 1902  | L. L. Todd, Broadway, cor. 37th street .....            | 868                               | 127.50                     | 88                                    | 215.50            | 652.50                  | 2,610.00  | 2,610.00  | .....                         | 100        | ...      | 100                    | ... | 5,420.00   |
| 217 Nov. 10, 1902  | John L. Daniels, 213-15 Hester st.                      | 665                               | 338                        | .....                                 | 338               | 327                     | 981.00  | 981.00  | .....                         | 100        | ...      | 100                    | ... | 2,162.00   |
| 241 Nov. 25, 1902  | W. E. Dodge, 30 East 39th street                        | 152                               | 53.33                      | .....                                 | 53.33             | 98.68                   | 394.72  | 394.72  | .....                         | 100        | ...      | 100                    | ... | 989.44     |
| 256 Dec. 17, 1902  | Mahler Bros., 6th avenue and 31st street .....          | .....                             | 46.06                      | .....                                 | .....             | .....                   | .....   | .....   | .....                         | 100        | ...      | 100                    | ... | .....      |
| 107 June 18, 1902  | Mahler Bros., 6th avenue and 31st street .....          | 2,588                             | 383.05                     | 276.95                                | 706.06            | 1,881.94                | 6,586.79  | 6,586.79  | .....                         | 100        | ...      | 100                    | ... | 13,373.58  |
| 301 Mar. 17, 1903  | Otto Lawrence, 62 Elizabeth st.                         | 400                               | 219.92                     | 40.08                                 | 260               | 140                     | 420.00  | 420.00  | .....                         | 100        | ...      | 100                    | ... | 1,040.00   |
| 312 Apr. 1, 1903   | Geo. E. Keith & Co., 179 B'way.                         | 471.04                            | 17.67                      | .....                                 | 17.67             | 453.37                  | 1,813.48  | 1,813.48  | .....                         | 100        | ...      | 100                    | ... | 3,826.96   |
| 333 May 4, 1903    | John V. Cockraft, John and Nassau streets .....         | 325                               | 38.79                      | 180.23                                | 219.02            | 105.98                  | 423.92  | 423.92  | .....                         | 100        | ...      | 100                    | ... | 1,047.84   |
| 339 May 11, 1903   | Chas. Lane, Fulton and Water..                          | 3,156                             | 396.21                     | 553.14                                | 949.35            | 2,206.65                | 6,619.95  | 6,619.95  | .....                         | 100        | ...      | 100                    | ... | 13,439.90  |
| 360 June 12, 1903  | Trow Directory Co., 3d avenue and 12th street .....     | 850                               | 369.14                     | 163.76                                | 532.90            | 317.10                  | 951.30  | 951.30  | .....                         | 100        | ...      | 100                    | ... | 2,102.60   |
| 402 Aug. 13, 1903  | Est. Isaac Henderson, 148 Fulton street .....           | 170                               | 30.92                      | .....                                 | 30.92             | 139.08                  | 556.32  | 556.32  | .....                         | 100        | ...      | 100                    | ... | 1,312.64   |
| 407 Aug. 19, 1903  | N. Y. Edison Co., 119 East 12th street .....            | 890                               | 300                        | .....                                 | 300               | 590                     | 1,475.00  | 1,475.00  | .....                         | 100        | ...      | 100                    | ... | 3,150.00   |
| Totals.....        |   | 38,563.35                         | 14,218.49                  | 3,117.27                              | 17,335.76         | 21,227.59               | \$70,   |   |                               |            |          |                        |     |            |

TABLE I.

Showing Expenditures from Corporate Stock, Revenue Bonds, Assessment Bonds, and Special Accounts, in the Bureau of Highways, Bureau of Sewers, Bureau of Public Buildings and Offices, Years 1904 and 1905, Showing Amounts Expended Under Contract, Without Contract (on Orders), Pay Rolls, and for Horse and Wagon Hire, Car Fares, etc. As of Record in the Office of the Borough President of Manhattan, as of January 31, 1907.

| Title of Fund.<br>Bureau.  | Total<br>Expenditures. | Year 1904.     |                               |              | Cab, Carriage, Horse<br>and Wagon Hire,<br>Carfares, etc. |  |  |
|--|------------------------|----------------|-------------------------------|--------------|---|--|--|
|  |                        | Contract.      | Order<br>Without<br>Contract. | Payroll.     |   |  |  |
| <b>CORPORATE STOCK.</b>  |                        |                |                               |              |   |  |  |
| Bureau of Highways.  |                        |                |                               |              |   |  |  |
| Repaving Streets and Avenues (chapter 346, Laws of 1889).....  | \$28,540 64            | \$28,540 64    | .....                         | .....        | .....   |  |  |
| Repaving Streets and Avenues (chapter 35, Laws of 1892).....   | 52,198 60              | 52,198 60      | .....                         | .....        | .....   |  |  |
| Repaving Streets and Avenues (chapter 475, Laws of 1895).....  | 89,363 49              | 89,363 49      | .....                         | .....        | .....   |  |  |
| Repaving Streets and Avenues (chapter 87, Laws of 1897).....   | 51,327 81              | 51,327 81      | .....                         | .....        | .....   |  |  |
| Repaving Streets, Borough of Manhattan.....  | 1,299,906 38           | 1,206,603 91   | 40,712 33                     | 52,590 14    | .....   |  |  |
| Extension of Riverside Drive to Lafayette Boulevard.....   | 594,224 71             | 571,689 63     | 19,438 38                     | 3,096 70     | .....   |  |  |
| Rebuilding Retaining Wall, Edgecombe Avenue.....   | 7,109 55               | 7,109 55       | .....                         | .....        | .....   |  |  |
| Street Signs, Purchasing and Erecting.....   | 231 00                 | .....          | 231 00                        | .....        | .....   |  |  |
| Bridge Viaduct across Spuyten Duyvil Creek.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairing Retaining Wall near One Hundred and Eighty-first Street and Boulevard Lafayette.....                               | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Bureau of Sewers.  |                        |                |                               |              |   |  |  |
| Reconstruction of Sewers.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Bureau of Public Buildings and Offices.  |                        |                |                               |              |   |  |  |
| New Hall of Records, Building Fund.....  | 1,174,641 75           | 1,144,126 09   | 28,631 66                     | 1,884 00     | .....   |  |  |
| Public Bath Fund.....  | 283,797 70             | 277,760 01     | 6,037 69                      | .....        | .....   |  |  |
| Criminal Court House, Completion and Construction.....   | 54,199 80              | 45,279 35      | 8,920 45                      | .....        | .....   |  |  |
| Public Comfort Stations, Construction and Equipment.....   | 140,890 49             | 138,872 69     | 2,017 80                      | .....        | .....   |  |  |
| Repairs to County Court House, County of New York.....   | 21,801 34              | 18,237 11      | 3,564 23                      | .....        | .....   |  |  |
| Thirteenth District Municipal Court, Acquisition of Property, etc.....   | 350 50                 | .....          | 350 50                        | .....        | .....   |  |  |
| Making Improvements and Permanently Equipping City Hall.....   | 1,438 35               | 946 08         | 492 27                        | .....        | .....   |  |  |
| Improvements, Permanently Bettering and Equipping Brown Stone Building, City Hall Park.....                                  | 4,265 00               | 500 00         | 3,765 00                      | .....        | .....   |  |  |
| Repairs and Alterations to the Building known as No. 264 Madison Street, for use of Thirteenth District Municipal Court..... | 875 00                 | 875 00         | .....                         | .....        | .....   |  |  |
| Permanently Bettering Fifty-seventh Street Court.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| <b>SPECIAL REVENUE BONDS.</b>  |                        |                |                               |              |   |  |  |
| Bureau of Highways.  |                        |                |                               |              |   |  |  |
| Repairing and Renewing Street Pavements.....   | 49,169 41              | .....          | .....                         | 49,169 41    | .....   |  |  |
| Construction, Erection and Maintenance of Street Signs.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairing Street Pavements, Borough of Manhattan.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairing and Maintaining Asphalt Pavements.....   | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Bureau of Sewers.  |                        |                |                               |              |   |  |  |
| Repairs and Reconstructing Sewers.....   | 110,647 19             | 90,288 62      | 14,242 07                     | 6,116 50     | .....   |  |  |
| Cleaning Sewers and Sewer Basins.....  | 35,980 14              | .....          | .....                         | 35,980 14    | .....   |  |  |
| Bureau of Public Buildings and Offices.  |                        |                |                               |              |   |  |  |
| Repairing and Redecorating the City Hall.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairs to County Court House, County of New York.....   | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Furniture, etc., Courts and Offices, Criminal Court Building.....  | 8,510 90               | .....          | 8,510 90                      | .....        | .....   |  |  |
| Removal of Sheriff's Office to Barclay Building.....   | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairs to Free Floating Baths.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Coal for Baths, Comfort Stations and Buildings.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairs and Furnishing Supplies to Public Buildings and Offices.....   | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairs and Alterations in the City Chamberlain's Office.....  | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Repairs to Public Markets.....   | .....                  | .....          | .....                         | .....        | .....   |  |  |
| Renovating and Repairing Public Markets.....   | 1,901 55               | .....          | 1,901 55                      | .....        | .....   |  |  |
| Equipping and Maintaining New Twelfth and Thirteenth District Municipal Courts.....  | 6,017 72               | .....          | 6,017 72                      | .....        | .....   |  |  |
| Painting the Portrait of A. H. Green.....  | 2,650 00               | .....          | 2,650 00                      | .....        | .....   |  |  |
| Repairing, Painting and Refurnishing New York County Court House.....  | 98 00                  | .....          | 98 00                         | .....        | .....   |  |  |
| <b>ASSESSMENT BONDS.</b>   |                        |                |                               |              |   |  |  |
| Bureau of Highways.  |                        |                |                               |              |   |  |  |
| Fund for Restoring Pavements.....  | 1,291 37               | .....          | 1,291 37                      | .....        | .....   |  |  |
| Street Improvement Fund.....   | 644,232 14             | 579,385 46     | 8,009 91                      | 51,784 67    | \$5,052 10  |  |  |
| <b>SPECIAL FUND.</b>   |                        |                |                               |              |   |  |  |
| Bureau of Highways.  |                        |                |                               |              |   |  |  |
| * Restoring and Repaving, Special Fund.....  | 137,368 19             | .....          | 52,107 61                     | 85,260 58    | .....   |  |  |
| <b>Totals</b> .....  | \$4,803,028 72         | \$4,303,104 04 | \$208,990 44                  | \$285,882 14 | \$5,052 10  |  |  |

\* While these amounts are in the column "Order Without Public Letting," for the reason that they were not under separate contracts, they are, nevertheless, covered by the contracts for the original pavements laid, or by Maintenance contracts covering several streets and avenues.

| Title of Fund.<br>Bureau.                                     | Total<br>Expenditures. | Year 1905.  |                               |          | Cab, Carriage, Horse<br>and Wagon Hire,<br>Carfares, etc. |  |  |
|---|------------------------|-------------|-------------------------------|----------|---|--|--|
|   |                        | Contract.   | Order<br>Without<br>Contract. | Payroll. |   |  |  |
| <b>CORPORATE STOCK.</b>                                       |                        |             |                               |          |   |  |  |
| Bureau of Highways.   |                        |             |                               |          |   |  |  |
| Repaving Streets and Avenues (chapter 346, Laws of 1889)..... | \$30,195 39            | \$30,195 39 | .....                         | .....    | .....   |  |  |
| Repaving Streets and Avenues (chapter 35, Laws of 1892).....  | 51,782 41              | 51,782 41   | .....                         | .....    | .....   |  |  |
| Repaving Streets and Avenues (chapter 475, Laws of 1895)..... | 79,974 53              | 79,974 53   | .....                         | .....    | .....   |  |  |
| Repaving Streets and Avenues (chapter 87, Laws of 1897).....  | 72,646 38              | 72,646 38   | .....                         | .....    | .....   |  |  |

| Title of Fund.<br>Bureau.  | Year 1905.             |                |                               |              | Cab, Carriage, Horse<br>and Wagon Hire,<br>Carfares, etc. |
|--|------------------------|----------------|-------------------------------|--------------|---|
|  | Total<br>Expenditures. | Contract.      | Order<br>Without<br>Contract. | Payroll.     |   |
| Repaving Streets, Borough of Manhattan.....  | 1,155,389 35           | 1,079,150 42   | 8,689 99                      | 67,548 94    | .....   |
| Extension of Riverside Drive to Lafayette Boulevard.....   | 1,372,935 04           | 1,317,407 59   | 46,376 45                     | 9,151 00     | .....   |
| Rebuilding Retaining Wall, Edgecombe Avenue.....   | 13,367 87              | 12,648 11      | 719 76                        | .....        | .....   |
| Street Signs, Purchasing and Erecting.....   | 9,300 98               | 8,965 59       | 335 39                        | .....        | .....   |
| Bridge Viaduct across Spuyten Duyvil Creek.....  | 6,115 66               | .....          | 6,115 66                      | .....        | .....   |
| Repairing Retaining Wall near One Hundred and Eighty-first Street and Boulevard Lafayette.....                                   | 8,562 65               | 8,122 65       | .....                         | 440 00       | .....   |
| Bureau of Sewers.  |                        |                |                               |              |   |
| Reconstruction of Sewers.....  | 30,165 40              | 20,103 40      | 7,206 00                      | 2,856 00     | .....   |
| Bureau of Public Buildings and Offices.  |                        |                |                               |              |   |
| New Hall of Records, Building Fund.....  | 733,708 41             | 683,848 82     | 47,981 59                     | 1,878 00     | .....   |
| Public Bath Fund.....  | 360,070 15             | 350,398 55     | 9,671 60                      | .....        | .....   |
| Criminal Court House, Completion and Construction.....   | 3,013 74               | 757 50         | 2,256 24                      | .....        | .....   |
| Public Comfort Stations, Construction and Equipment.....   | 42,735 51              | 40,224 52      | 2,510 99                      | .....        | .....   |
| Repairs to County Court House, County of New York.....   | 27,234 41              | 26,127 14      | 1,107 27                      | .....        | .....   |
| Thirteenth District Municipal Court, Acquisition of Property, etc.....   | .....                  | .....          | .....                         | .....        | .....   |
| Making Improvements and Permanently Equipping City Hall.....   | 39,839 28              | 36,141 45      | 3,697 83                      | .....        | .....   |
| Improvements, Permanently Bettering and Equipping Brown Stone Building, City Hall Park.....                                      | 15,908 75              | .....          | 15,908 75                     | .....        | .....   |
| Repairs and Alterations to the Building known as No. 264 Madison Street, for the use of Thirteenth District Municipal Court..... | 36,709 77              | 36,709 77      | .....                         | .....        | .....   |
| Permanently Bettering Fifty-seventh Street Court.....  | 526 34                 | 526 34         | .....                         | .....        | .....   |
| SPECIAL REVENUE BONDS.   |                        |                |                               |              |   |
| Bureau of Highways.  |                        |                |                               |              |   |
| Repairing and Renewing Street Pavements.....   | .....                  | .....          | .....                         | .....        | .....   |
| Construction, Erection and Maintenance of Street Signs.....  | 49,450 03              | .....          | .....                         | 49,450 03    | .....   |
| Repairing Street Pavements, Borough of Manhattan.....  | 62,001 02              | 62,001 02      | .....                         | .....        | .....   |
| Repairing and Maintaining Asphalt Pavements.....   | .....                  | .....          | .....                         | .....        | .....   |
| Bureau of Sewers.  |                        |                |                               |              |   |
| Repairs and Reconstructing Sewers.....   | 92,297 40              | 72,958 28      | 16,119 62                     | 3,219 50     | .....   |
| Cleaning Sewers and Sewer Basins.....  | 19,104 74              | .....          | .....                         | 19,104 74    | .....   |
| Bureau of Public Buildings and Offices.  |                        |                |                               |              |   |
| Repairing and Redecorating the City Hall.....  | 494 72                 | .....          | 494 72                        | .....        | .....   |
| Repairs to County Court House, County of New York.....   | 18,384 82              | 18,302 97      | 81 85                         | .....        | .....   |
| Furniture, etc., Courts and Offices, Criminal Court Building.....  | 2,581 15               | .....          | 2,581 15                      | .....        | .....   |
| Removal of Sheriff's Office to Barclay Building.....   | 5,856 54               | .....          | 5,856 54                      | .....        | .....   |
| Repairs to Free Floating Baths.....  | 14,991 41              | 11,833 00      | 3,158 41                      | .....        | .....   |
| Coal for Baths, Comfort Stations and Buildings.....  | 7,934 78               | 7,934 78       | .....                         | .....        | .....   |
| Repairs and Furnishing Supplies to Public Buildings and Offices.....   | 16,748 02              | .....          | 16,748 02                     | .....        | .....   |
| Repairs and Alterations in the City Chamberlain's Office.....  | 5,472 15               | 190 01         | 5,282 14                      | .....        | .....   |
| Repairs to Public Markets.....   | 9,974 24               | 8,822 50       | 1,151 74                      | .....        | .....   |
| Renovating and Repairing Public Markets.....   | .....                  | .....          | .....                         | .....        | .....   |
| Repairing and Maintaining New Twelfth and Thirteenth District Municipal Courts.....  | .....                  | .....          | .....                         | .....        | .....   |
| Painting the Portrait of A. H. Green.....  | .....                  | .....          | .....                         | .....        | .....   |
| Repairing, Painting and Refurnishing New York County Court House.....  | .....                  | .....          | .....                         | .....        | .....   |
| ASSESSMENT BONDS.  |                        |                |                               |              |   |
| Bureau of Highways.  |                        |                |                               |              |   |
| Fund for Restoring Pavements.....  | 1,729 89               | .....          | 1,729 89                      | .....        | .....   |
| Street Improvement Fund.....   | 689,180 97             | 628,470 33     | 17,266 23                     | 37,537 11    | \$5,907 30  |
| SPECIAL FUND.  |                        |                |                               |              |   |
| Bureau of Highways.  |                        |                |                               |              |   |
| * Restoring and Repaving, Special Fund.....  | 146,157 89             | .....          | 58,415 88                     | 87,742 01    | .....   |
| Totals .....   | \$5,232,541 79         | \$4,666,243 45 | \$281,463 71                  | \$278,927 33 | \$5,907 30  |

\*While these amounts are in the column "Order Without Public Letting," for the reason that they were not under separate contracts, they are, nevertheless, covered by the contracts for the original pavements laid, or by Maintenance contracts covering several streets and avenues.

Recapitulation, Table No. I.

|                            | Year 1904.     | Year 1905.     | Total.          |
|----------------------------|----------------|----------------|-----------------|
| Contract .....             | \$4,303,104 04 | \$4,666,243 45 | \$8,969,347 49  |
| Orders .....               | 208,990 44     | 281,463 71     | 490,454 15      |
| Payrolls .....             | 285,882 14     | 278,927 33     | 10,959 40       |
| Cabs, carriages, etc.....  | 5,052 10       | 5,907 30       | 564,809 47      |
| Total.....                 | \$4,803,028 72 | \$5,232,541 79 | \$10,035,570 51 |
| Bureau of Highways—        |                |                |                 |
| Corporate Stock.....       | \$2,122,902 18 | \$2,800,270 26 | \$4,923,172 44  |
| Special Revenue Bonds..... | 49,169 41      | 111,451 05     | 160,620 46      |

|   | Year 1904.     | Year 1905.     | Total.          |
|---|----------------|----------------|-----------------|
| Bureau of Highways—                     |                |                |                 |
| Assessment Bonds.....                   | 645,523 51     | 690,910 86     | 1,336,434 37    |
| Special Fund.....                       | 137,368 19     | 146,157 89     | 283,526 08      |
| Bureau of Sewers—                       |                |                |                 |
| Corporate Stock.....                    | .....          | 30,165 40      | 30,165 40       |
| Special Revenue Bonds.....              | 146,627 33     | 111,402 14     | 258,029 47      |
| Bureau of Public Buildings and Offices— |                |                |                 |
| Corporate Stock .....                   | 1,682,259 93   | 1,259,746 36   | 2,942,006 29    |
| Special Revenue Bonds.....              | 19,178 17      | 82,437 83      | 101,616 00      |
| Total.....                              | \$4,803,028 72 | \$5,232,541 79 | \$10,035,570 51 |

TABLE No. 2.

Showing Expenditures from Appropriation Accounts in all of the Bureaus of the Borough President of Manhattan, Showing Available Funds, Total Expenditures, Years 1904 and 1905, Expenditure Each Year by Contract, and Without Contract, by Payrolls, and for Car Fares, etc., as of Record in the Office of the Borough President, January 31, 1907.

| Bureau and Title of Account.   | Year 1904.          |                        |                 |                               |                | Cab, Carriage,<br>Horse and<br>Wagon Hire,<br>Carfare, etc. |
|--|---------------------|------------------------|-----------------|-------------------------------|----------------|---|
|  | Available<br>Funds. | Total<br>Expenditures. | By<br>Contract. | Order<br>Without<br>Contract. | Payroll.       |   |
| <b>General Administration.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | \$69,665 78         | \$69,665 78            | .....           | .....                         | \$69,665 78    | .....   |
| Contingencies .....  | 12,994 11           | 12,670 67              | .....           | \$5,284 73                    | .....          | \$7,385 94  |
| <b>Bureau of Engineers of Street Openings.</b>                           |                     |                        |                 |                               |                |   |
| Salaries .....   | 18,100 00           | 18,100 00              | .....           | .....                         | 18,100 00      | .....   |
| Supplies and Contingencies.....  | 1,585 89            | 1,585 89               | .....           | 1,417 04                      | .....          | 168 85  |
| <b>Bureau of Highways.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | 68,305 49           | 68,304 49              | .....           | .....                         | 68,305 49      | .....   |
| Boulevards, Roads and Avenues, Maintenance of.....                       | 114,150 00          | 114,134 96             | .....           | 11,344 70                     | 100,887 06     | 1,903 20  |
| Flagging Sidewalks and Fencing Lots.....                                 | 1,400 00            | 817 45                 | .....           | 817 45                        | .....          | .....   |
| One Hundred and Fifty-fifth Street Viaduct, Maintenance and Repairs..... | 2,670 50            | 2,670 50               | .....           | .....                         | 2,670 50       | .....   |
| Repairs and Renewals of Pavements and Regrading.....                     | 417,608 00          | 415,220 03             | \$8,620 14      | 14,491 02                     | 372,876 93     | 19,231 94   |
| Roads, Streets and Avenues, Maintenance and Sprinkling.....              | 34,981 37           | 34,981 37              | .....           | .....                         | 34,981 37      | .....   |
| Eighth Avenue Pavement, Maintenance of.....                              | 19,200 00           | 19,200 00              | 19,200 00       | .....                         | .....          | .....   |
| Chemical and Cement Laboratory.....                                      | 1,918 24            | 1,918 24               | .....           | 118 24                        | 1,800 00       | .....   |
| Riverside Drive Viaduct, Maintenance of.....                             | 2,995 00            | 2,995 00               | .....           | .....                         | 2,995 00       | .....   |
| Street Signs, Maintenance of.....  | 2,684 17            | 2,684 17               | .....           | 2,684 17                      | .....          | .....   |
| <b>Bureau of Incumbrances.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | 15,138 70           | 15,138 70              | .....           | .....                         | 15,138 70      | .....   |
| Removing Obstructions.....   | 10,117 85           | 10,117 85              | .....           | 4,687 35                      | 3,109 85       | 2,320 65  |
| <b>Bureau of Sewers.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | 55,707 86           | 55,707 86              | .....           | .....                         | 55,707 86      | .....   |
| Boring Examinations.....   | 3,551 25            | 3,551 25               | .....           | .....                         | 3,551 25       | .....   |
| Repairing and Cleaning Sewers.....                                       | 165,000 00          | 164,645 92             | 4,194 20        | 15,861 27                     | 142,170 45     | 2,420 00  |
| <b>Bureau of Public Buildings and Offices.</b>                           |                     |                        |                 |                               |                |   |
| Salaries and Wages.....  | 328,146 36          | 328,146 36             | .....           | .....                         | 328,146 36     | .....   |
| Supplies and Repairs, Including Public Baths and Comfort Stations.....   | 227,709 06          | 220,355 69             | 37,602 23       | 181,068 46                    | .....          | 1,685 00  |
| Rent of Offices, Park Row Building.....                                  | .....               | .....                  | .....           | .....                         | .....          | .....   |
| <b>Bureau of Public Baths and Public Comfort Stations.</b>               |                     |                        |                 |                               |                |   |
| Salaries and Wages.....  | 77,365 87           | 77,365 87              | .....           | .....                         | 77,365 87      | .....   |
|  | \$1,650,995 50      | \$1,639,979 05         | \$69,616 57     | \$237,774 43                  | \$1,297,472 47 | \$35,115 58   |

| Bureau and Title of Account.   | Year 1905.          |                        |                 |                               |                | Cab, Carriage,<br>Horse and<br>Wagon Hire,<br>Carfare, etc. |
|--|---------------------|------------------------|-----------------|-------------------------------|----------------|---|
|  | Available<br>Funds. | Total<br>Expenditures. | By<br>Contract. | Order<br>Without<br>Contract. | Payroll.       |   |
| <b>General Administration.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | \$71,166 58         | \$71,166 58            | .....           | .....                         | \$71,166 58    | .....   |
| Contingencies .....  | 12,988 76           | 12,607 53              | .....           | \$4,784 92                    | .....          | \$7,822 61  |
| <b>Bureau of Engineers of Street Openings.</b>                           |                     |                        |                 |                               |                |   |
| Salaries .....   | 17,983 75           | 17,983 75              | .....           | .....                         | 17,983 75      | .....   |
| Supplies and Contingencies.....  | 572 63              | 572 63                 | .....           | 407 59                        | .....          | 165 04  |
| <b>Bureau of Highways.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | 69,716 90           | 69,716 90              | .....           | .....                         | 69,716 90      | .....   |
| Boulevards, Roads and Avenues, Maintenance of.....                       | 111,053 07          | 110,983 91             | .....           | 9,206 43                      | 99,857 48      | 1,920 00  |
| Flagging Sidewalks and Fencing Lots.....                                 | 577 23              | 577 23                 | .....           | 577 23                        | .....          | .....   |
| One Hundred and Fifty-fifth Street Viaduct, Maintenance and Repairs..... | 1,458 09            | 1,459 09               | .....           | 390 59                        | 1,067 50       | .....   |
| Repairs and Renewals of Pavements and Regrading.....                     | 461,292 98          | 456,573 07             | \$19,224 63     | 10,812 09                     | 405,008 45     | 21,527 90   |
| Roads, Streets and Avenues, Maintenance and Sprinkling.....              | 34,963 25           | 34,963 25              | .....           | .....                         | 34,963 25      | .....   |
| Eighth Avenue Pavement, Maintenance of.....                              | 19,200 00           | 19,200 00              | 19,200 00       | .....                         | .....          | .....   |
| Chemical and Cement Laboratory.....                                      | 1,892 50            | 1,892 50               | .....           | 92 50                         | 1,800 00       | .....   |
| Riverside Drive Viaduct, Maintenance of.....                             | 2,562 50            | 2,562 50               | .....           | .....                         | 2,562 50       | .....   |
| Street Signs, Maintenance of.....  | 5,090 14            | 5,090 14               | .....           | 4,320 14                      | .....          | 770 00  |
| <b>Bureau of Incumbrances.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | 15,814 35           | 15,814 35              | .....           | .....                         | 15,814 35      | .....   |
| Removing Obstructions.....   | 11,987 66           | 11,942 41              | .....           | 5,843 81                      | 3,578 10       | 2,520 50  |
| <b>Bureau of Sewers.</b>   |                     |                        |                 |                               |                |   |
| Salaries .....   | 56,576 72           | 56,576 72              | .....           | .....                         | 56,576 72      | .....   |
| Boring Examinations.....   | 4,129 50            | 4,129 50               | .....           | .....                         | 4,129 50       | .....   |
| Repairing and Cleaning Sewers.....                                       | 206,820 78          | 206,517 61             | .....           | 14,994 77                     | 188,882 84     | 2,640 00  |
| <b>Bureau of Public Buildings and Offices.</b>                           |                     |                        |                 |                               |                |   |
| Salaries and Wages.....  | 351,322 61          | 351,322 61             | .....           | .....                         | 351,322 61     | .....   |
| Supplies and Repairs, Including Public Baths and Comfort Stations.....   | 237,367 89          | 235,534 33             | 70,097 46       | 164,036 87                    | .....          | 1,400 00  |
| Rent of Offices, Park Row Building.....                                  | 32,401 01           | 32,401 01              | 32,401 01       | .....                         | .....          | .....   |
| <b>Bureau of Public Baths and Public Comfort Stations.</b>               |                     |                        |                 |                               |                |   |
| Salaries and Wages.....  | 135,359 61          | 135,359 61             | .....           | .....                         | 135,359 61     | .....   |
|  | \$1,862,298 51      | \$1,854,946 23         | \$140,923 10    | \$215,466 94                  | \$1,459,790 14 | \$38,766 05   |

## Recapitulation, Table No. 2.

|   | Year 1904.     | Year 1905.     |
|---|----------------|----------------|
| Available Funds.....                    | \$1,650,995 50 | \$1,862,298 51 |
| Total Expenditures.....                 | 1,639,979 05   | 1,854,946 23   |
| Unexpended Balance.....                 | \$11,016 45    | \$7,352 28     |
| General Administration.                 |                |                |
| By Contract.....                        | .....          | .....          |
| Without Contract.....                   | \$5,284 73     | \$4,784 92     |
| Payrolls .....                          | 69,665 78      | 71,166 58      |
| Carfares, Horses, etc.....              | 7,385 94       | 7,822 61       |
| Totals.....                             | \$82,336 45    | \$83,774 11    |
| Bureau of Engineers of Street Openings. |                |                |
| By Contract.....                        | .....          | .....          |
| Without Contract.....                   | \$1,417 04     | \$407 59       |
| Payrolls .....                          | 18,100 00      | 17,983 75      |
| Carfares, Horses, etc.....              | 168 85         | 165 04         |
| Totals.....                             | \$19,685 89    | \$18,556 38    |
| Bureau of Highways.                     |                |                |
| By Contract.....                        | \$27,820 14    | \$38,424 63    |
| Without Contract.....                   | 29,455 58      | 25,398 98      |
| Payrolls .....                          | 584,516 35     | 614,976 08     |
| Carfares, Horses, Cabs, etc.....        | 21,135 14      | 24,217 90      |
| Totals.....                             | \$662,927 21   | \$703,017 59   |
| Bureau of Incumbrances.                 |                |                |
| By Contract.....                        | .....          | .....          |
| Without Contract.....                   | \$4,687 35     | \$5,843 81     |
| Payrolls .....                          | 18,248 55      | 19,392 45      |
| Carfares, Horses, etc.....              | 2,320 65       | 2,520 50       |
| Totals.....                             | \$25,256 55    | 27,756 76      |
| Bureau of Sewers.                       |                |                |
| By Contract.....                        | \$4,194 20     | .....          |
| Without Contract.....                   | 15,861 27      | \$14,994 77    |
| Payrolls .....                          | 201,429 56     | 249,589 06     |
| Carfares, Horses, etc.....              | 2,420 00       | 2,640 00       |
| Totals.....                             | \$223,905 03   | \$267,756 76   |
| Bureau of Public Buildings and Offices. |                |                |
| By Contract.....                        | \$37,602 23    | \$102,498 47   |
| Without Contract.....                   | 181,068 46     | 164,036 87     |
| Payrolls .....                          | 405,512 23     | 486,682 22     |
| Carfares, Horses, etc.....              | 1,685 00       | 1,400 00       |
| Totals.....                             | \$625,867 92   | \$754,617 56   |
|   | \$1,639,979 05 | \$1,854,946 23 |

No. 1898m.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 15, 1907.

Subject—Concerning Payments Made to John F. Sayward &amp; Co., for Quartered Oak Partitions, Referred to on Page 91, Pamphlet of Bureau of City Betterment, President of the Borough of Manhattan, Apparent Violations of Section 419 of the Charter.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, we beg to submit this, our thirteenth report, as follows:

Quotation from Page 91, Bureau of City Betterment Pamphlet.

"John F. Sayward received \$1,433.10 for work done without contract in the Criminal Court Building. This bill was paid in three installments, but no authorization from the Board of Aldermen to let this work without contract was found attached to the warrants."

For the information and use of J. P. Mitchel, Esq., Special Counsel in this investigation, we submit the following facts as shown by the vouchers:

The above amount is made up of three bills rendered by J. F. Sayward &amp; Co., dated as follows:

June 6, 1904..... \$256 00  
July 11, 1904..... 187 50  
August 31, 1904..... 988 70

\$1,433 10

Bill of June 6, 1904.

It would appear that in the latter part of May the District Attorney requested the Superintendent of Public Buildings and Offices to erect quartered oak partitions in room occupied by Mr. Johnson, "top floor."

Thereupon, on May 27, 1904, Requisition No. 1109, signed by William H. Walker, Superintendent; William Dalton, Commissioner of Public Works, and John F. Ahearn, President of the Borough of Manhattan, was issued, in which they certified to the necessity of the expenditure, etc.

On May 28, 1904, Order No. 23 was issued to John F. Sayward &amp; Co., engineers and contractors, No. 21 West Twenty-fourth street, which reads as follows:

Please furnish and deliver to Criminal Court Building, top floor, District Attorney's office, chargeable to Bureau of Public Buildings and Offices:

"Labor and material to erect quartered oak partition in room occupied by Mr. Johnson, on top floor of above building, as directed. To be done to satisfaction of the President of Borough and subject to the approval of the architects."

In red ink there also appears the following:

"Criminal Court House Building. Completion of construction."

On June 6, 1904, Sayward &amp; Co. rendered a bill for this work amounting to \$256.90, composed of the following items:

Material ..... \$76 90  
Labor ..... 180 00  
\$256 90

On which there appears also the following certification:

Correct.  
William H. Walker,  
Superintendent of Public Buildings and Offices.

This bill, attached to a voucher, was, by the Superintendent of Public Buildings and Offices, on January 27, 1905 (nearly eight months after), transmitted to the Comptroller for payment, with the usual certification of Superintendent of Public Buildings and Offices William H. Walker, Commissioner of Public Works William Dalton, and President of the Borough of Manhattan John F. Ahearn, together with the following letter of Louis Korn, Consulting Engineer:

"Hon. JOHN F. AHEARN, President of Borough of Manhattan:

"Dear Sir—I hereby certify that John F. Sayward &amp; Co. performed extra work on their contract for the completion of the heating and ventilating and providing of Judges' chambers and toilet rooms and completion of existing toilet rooms in the Criminal Court Building, amounting to \$256.90, and are entitled to payment therefor.

"Respectfully,  
"LOUIS KORN, Consulting Engineer."

The Comptroller then attached the following caution:

"Notice.

"This voucher is submitted for such action as may be necessary under section 419 of the Greater New York Charter.

"TERRY G. MAYAN, Clerk."

"Previous bill, \$1,176.20.

"Erect partitions various rooms in

"Criminal Court Building."

It further appears that this claim was held for investigation, whereupon we find, on the face of the voucher the following certification of the Comptroller's Engineer:

"I certify that this work has been satisfactorily completed and that claimant is entitled to payment.

"See report attached to bill for \$988.70.

"W. H. ROBERTS, Assistant Engineer."

The report above referred to reads as follows:

Department of Finance, }  
February 15, 1905. }

Hon. EDWARD M. GROUT, Comptroller:

Sir—In relation to claim of John F. Sayward &amp; Co. for \$989.70, for quartered oak partition for new department in District Attorney's office, third floor, Criminal Court Building, and payment for \$256.90 for quartered oak partition in room occupied by Mr. Johnson on top floor, Criminal Court Building, I would report that the work has been in each case satisfactorily completed, and that the prices charged are reasonable.

I attach a letter from the District Attorney's office in regard to the letting of this work without contract.

Respectfully,

W. H. ROBERTS, Assistant Engineer.

Approved:

C. C. Withington, Principal Assistant Engineer.

On the face of said voucher there also appears the following:

"O. K. See letter of Commissioner on file. Approved by Deputy Comptroller." The voucher also has the usual certificates of the Examiner and Auditor of Accounts.

Bill of July 11, 1904.

It appears that in the latter part of June the District Attorney asked the Superintendent of Public Buildings and Offices to erect quartered oak partitions in Bond Clerk's room, "top floor."

Thereupon, on July 1, 1904, Requisition No. 1107 was issued by the Superintendent of Public Buildings and Offices, and on the same day the following Order No. 24 was also issued to John F. Sayward &amp; Co.:

"Labor and material to erect quartered oak partition to divide the room occupied by the Bond Clerk, on the top floor of the above building, as directed," requiring also the approval of the architect.

Both the requisition and order are, as hereinbefore shown, signed by Superintendent of Public Buildings and Offices, Commissioner of Public Works and the Borough President.

Sayward &amp; Co., on July 11, 1904, rendered their bill for this work, amounting to \$187.50, composed of the following items:

Material ..... \$75 00  
Labor ..... 112 50  
\$187 50

This bill, attached to a voucher, was on January 27, 1905 (nearly eight months after), sent to the Comptroller's office, with the usual certifications of the Superintendent of Public Buildings and Offices, Commissioner of Public Works and of the Borough President.

On said voucher we also find the usual certification of the Comptroller, Examiner of Claims, the Inspector and the Auditor of Accounts, and also attached to the voucher, as required, the letter from Louis Korn, Consulting Engineer.

Bill of August 31, 1904.

From the records we find that the District Attorney, in a letter dated June 20, 1904, requested the Superintendent of Public Buildings and Offices for such alterations, repairs, etc., as are actually and urgently needed in the "third floor," to meet the requirements of chapter 564, Laws of 1904.

We also find that Requisition No. 1108, dated July 14, 1904, was issued with the usual certifications, which was followed by Order No. 25, dated July 15, 1904, to John F. Sayward &amp; Co., which reads as follows:

"Necessary labor and material to erect partitions of quartered oak for the new department in the District Attorney's office for the prosecution of cases, in the Court of Special Sessions, on the third floor of the above building," requiring also the approval of the architect.

Both the requisition and order are, as hereinbefore shown, signed by the Superintendent of Public Buildings and Offices, Commissioner of Public Works and the Borough President.

Sayward &amp; Co., on August 31, 1904, rendered their bill for this work, amounting to \$988.70, composed of the following items:

Material ..... \$238 20  
Labor ..... 750 50  
\$988 70

Some time in December, 1904, long after the work was completed, it seems that the Superintendent of Public Buildings and Offices requested the District Attorney

to furnish him with information relative to the law referred to which would require the "additional office facilities" to which the District Attorney's "Deputy Chief Clerk and Auditor," on December 13, 1904, replied as follows:

District Attorney's Office,  
County of New York,  
December 13, 1904.

Hon. WILLIAM H. WALKER, Superintendent of Public Buildings and Offices,  
Borough of Manhattan, New York City:

Dear Sir—In compliance with your request for information relative to a law recently enacted, and which required the District Attorney to request that additional office facilities be furnished him for the enforcement of said law, I beg to submit the following extract from our application to the Board of Estimate and Apportionment requesting a special appropriation for same:

"By chapter 563 of the Laws of 1904, the Legislature has enacted that after September 1, 1904, all cases prosecuted in the Court of Special Sessions in this county shall be tried upon information filed by the District Attorney, substantially in the form of an indictment. This law makes no provision to meet the expense of its enforcement, which in my opinion will amount to at least \$17,700 per annum.

"In order that your Honorable Board may have an idea as to the large volume of business which will devolve upon this office, I beg to state that under the present conditions, an average of 4,500 cases is received annually, all of which are disposed of in the Court of General Sessions and the Supreme Court, while under this new law at least 7,000 additional cases, triable in the Court of Special Sessions, will have to be carefully investigated and prepared by this office before they are ready for trial.

"During the year 1903, cases were disposed of in the Court of Special Sessions, and for the past three years the number of cases tried in that court has been constantly increasing and it is to be supposed that it will continue to increase in the future.

"It will be necessary for me to establish an entirely new bureau in my office to dispose of the immense amount of additional work which this statute necessitates, and to meet this expense I hereby request your Board to authorize the Comptroller to issue Special Revenue Bonds to the amount of \$10,166, the proceeds thereof to be used in making additions to the professional and administrative force of my office, and to purchase desks, safes and other necessary office supplies, in order that the new bureau so to be created may be properly equipped for the transaction of public business.

"In order to prepare properly for the work of this bureau, it is necessary that the appointments should be made about July 1, as it will be necessary to prepare a large number of new blank forms to cover all of the common offenses triable in the Court of Special Sessions, together with three record books, registers, etc., of the bureau, and to have the entire bureau in readiness for work at the time the law goes into effect."

Trusting that the above extract will furnish you with all the information which you desire on the subject, I am,

Yours very truly,  
(Signed) JOHN J. BUCKLEY,  
Deputy Chief Clerk and Auditor.

This bill attached to a voucher was, on January 27, 1905 (six months after), transmitted to the Comptroller for payment, with the usual certifications of the Superintendent of Public Buildings and Offices, Commissioner of Public Works and of the Borough President, as also a certificate, as required by the order, from the Consulting Engineer, Louis Korn.

The Comptroller attached the usual caution notice as to section 419 of the Charter, hereinbefore described, and requested a report from his Engineering Bureau, which we have also hereinbefore quoted, and finally, the voucher contains the certificates of the Comptroller's Assistant Engineer, Examiner and Auditor of Accounts, and is also O. K'd by the Deputy Comptroller.

For comparison, we have collated the various orders, as follows:

Order No. 23, Dated May 28, 1904, "Top Floor."

"Labor and material to erect quartered oak partition in room occupied by Mr Johnson on top floor of above building, as directed.

"To be done to the satisfaction of the President of the Borough and subject to the approval of the Architects."

Order No. 24, Dated July 1, 1904, "Top Floor."

"Labor and material to erect quartered oak partition to divide the room occupied by the Bond Clerk on the top floor of the above building, as directed.

"To be done to the satisfaction of the President of the Borough and subject to the approval of the Architect."

Order No. 25, Dated July 15, 1904, "Third Floor."

"Necessary labor and material to erect partitions of quartered oak for the new department in the District Attorney's office for the prosecution of cases in the Court of Special Sessions, on the third floor of the above building.

"To be done to the satisfaction of the President of the Borough and subject to the approval of the Architects."

From the following table it will be seen that while the order numbers follow in serial order, and also with the months the bills were rendered, the requisition numbers are reversed, that is to say, that the last and highest Requisition No. 1109, applies to the first bill dated June, 1904, then follows 1107, applying to the second bill dated July 11, 1904, while Requisition No. 1108 applies to the last bill dated August 31, 1904:

| Date of Bill. | Requisition No. | Order No. | Date of Requisition. | Date of Order. | Amount of Bill. |
|---------------|-----------------|-----------|----------------------|----------------|-----------------|
| 1904.         |                 |           | 1904.                |                |                 |
| June 6.....   | 1109            | 23        | May 27               | May 28         | \$256.90        |
| July 11.....  | 1107            | 24        | July 1               | July 1         | 187.50          |
| Aug. 31.....  | 1108            | 25        | July 14              | July 15        | 988.70          |

The above amounts paid Sayward & Co. do not include the amount paid them on account of contract secured by them at a public letting on October 21, 1902, for work in Criminal Court Building, at an estimated cost of \$86,853, the date of said contract being December 11, 1902, and for which the actual cost was \$94,879, the excess over estimated cost paid them being \$8,026.

We have made careful inquiry both at the office of the Superintendent of Public Buildings and Offices, and also at the District Attorney's office, to ascertain the date on which the District Attorney requested the work to be done for Mr. Johnson's room on the top floor, and the Bond Clerks' room on top floor, and at both offices they are under the impression that the request was made verbally and that therefore there is no record.

They are, however, under the impression that the request was made about the date the requisition was issued for this work, which was May 27 and July 1, 1904, respectively.

In the following table, therefore, we omitted the date the work was requested for the first two jobs for the above reason:

1904.

|   | Date Work Was Requested. | Date of Requisition. | Date of Order. | Time of Men to Do Work, as per Bill. | Amount of Bill. |
|---|--------------------------|----------------------|----------------|--------------------------------------|-----------------|
| Johnson's room, top floor.....                                | About May 26             | May 27               | May 28         | 13 days                              | June 6 \$256.90 |
| Bond Clerk, top floor.....                                    | About June 30            | July 1               | July 1         | 10 days                              | July 11 187.50  |
| Room for cases under chapter 563, Laws 1904, third floor..... | June 20                  | July 14              | July 15        | 30½ days                             | Aug. 31 988.70  |

From the above table we find that there is no question as to the first item, and that the Superintendent of Public Buildings and Offices was justified in giving out this order without advertising for bids.

As to the latter two items of \$187.50 and \$988.70, amounting to \$1,176.20, we find that the Superintendent of Public Buildings and Offices knew on June 20 that he would be required to give out an order for nearly \$1,000, but which order he did not issue until July 15; between June 20 and July 15 he also knew that he had oak partitions to put in the Bond Clerks' room, so that on July 1 (about) he knew that the work required in the District Attorney's office for the Bond Clerks on top floor, and on third floor for new bureau would approximately cost over \$1,000.

Notwithstanding this fact, as appears from above, the Superintendent issued two separate orders, dated July 1 and July 15, 1904, to erect quartered oak partitions in two of the rooms of the District Attorney's office, the total of said two orders costing \$1,176.20, which should have been let at public letting, or if the time was too short to advertise for same, he should at least have requested permission from the Board of Aldermen and invited two or more bids, and this, therefore, seems to us to be a violation of section 419 of the Charter.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

No. 1898n.

Office of the Commissioners of Accounts,|  
Stewart Building, No. 280 Broadway,  
New York, February 18, 1907.

Subject—Bureau of Sewers, Years 1904 and 1905, Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, we beg to submit, attached hereto, for the information of J. P. Mitchel, Esq., Special Counsel, this our fourteenth report, which was made to your Honor on November 19, 1906, of our examination of the Bureau of Sewers, Borough of Manhattan, for the years 1904 and 1905.

At a conference had with Mr. Mitchel yesterday, it was understood that after looking over this report he would let us know the additional data he desired, if any.

For Mr. Mitchel's information, we desire to state that we have, since consolidation, made the following reports on this Bureau which he may desire to look over before deciding as to the additional data needed:

| Report | Date of Report. | Subject.  |
|--------|-----------------|---|
| 281.   | May 1, 1899.    | Year 1898—Showing work completed, estimated and work paid for, sewers cleaned and by whom, and schedule of prices allowed for cleaning sewers.                            |
| 652.   | June 25, 1900.  | Year 1899—Showing financial statements, amounts expended for each class of expenditures and recommendation to purchase iron manhole covers by contract at public letting. |
| 142.   | Apr. 30, 1902.  | Years 1900 and 1901—Examination of receipts for permits.  |
| 725.   | Oct. 26, 1904.  | Audit for Years 1902 and 1903—Revenues and expenditures.  |

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Office of the Commissioners of Accounts,|  
Stewart Building, No. 280 Broadway,  
New York, November 19, 1906.

Subject—Borough of Manhattan, Bureau of Sewers, Audit of the Revenue Appropriation and Bond Accounts, Years 1904 and 1905.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—We submit herewith the results of an examination of the books and records of the Bureau of Sewers, Department of the President of Manhattan Borough, for the years 1904 and 1905:

| Revenue.  |                  |
|---|------------------|
| The cash receipts from permits granted for openings for sewer connections and from the sale of old material amounted in 1904 and 1905 to \$57,325.22, as follows: |                  |
| Month.  |                  |
| January .....   | 1904. \$520.92   |
|   | 1905. \$1,688.62 |
| February .....  | 810.66           |
|   | 1,322.47         |
| March .....   | 2,259.42         |
|   | 2,908.84         |
| April .....   | 1,957.83         |
|   | 3,391.29         |
| May .....   | 3,207.22         |
|   | 3,899.92         |
| June .....  | 2,019.51         |
|   | 3,384.88         |
| July .....  | 824.54           |
|   | 3,933.34         |
| August .....  | 2,747.51         |
|   | 2,710.08         |
| September .....   | 2,079.80         |
|   | 3,445.08         |
| October .....   | 2,089.66         |
|   | 4,194.15         |
| November .....  | 2,392.57         |
|   | 1,970.40         |
| December .....  | 936.06           |
|   | 2,540.45         |
|   | \$21,845.70      |
|   | \$35,479.52      |

These amounts have been accounted for to the Chamberlain and credited by the Finance Department to the General Fund.

#### Audit of Appropriation Accounts.

The appropriation allowed this Bureau in Manhattan for the year 1904 was. \$234,020.00 Which was decreased by transfers..... 9,760.89

Making the total available funds..... \$224,259.11 The expenditures for the year 1904 amounted to..... 223,896.87

Balance estimated outstanding liabilities..... \$362.24

#### Stock, Bond and Special Fund Accounts, Year 1904.

In addition to the payments from Appropriation Accounts, there was expended in 1904 the sum of \$409,061.54 from the sale of Revenue Bonds and from Special Accounts, as follows:

#### Revenue Bond Accounts.

Repairing and Reconstructing Sewers..... \$110,647.19 Cleaning Sewers and Sewer Basins..... 35,980.14

\$146,627.33

#### Assessment Bond Account.

Street Improvement Fund .....

262,434.21

Total..... \$409,061.54

#### Summary.

From Appropriation Accounts..... \$223,896.87 From Bond and Special Accounts..... 409,061.54

\$652,958.41

## Audit of Appropriation Accounts, Year 1905.

The appropriation allowed this Bureau in Manhattan for the year 1905, was \$284,020 00  
Which was decreased by transfers..... 16,493 00

Making the total available funds..... \$267,527 00  
The expenditures for the year 1905 amount to..... 267,223 83

Balance estimated outstanding liabilities..... \$303 17

## Stock, Bond and Special Fund Accounts, Year 1905.

In addition to the payment from Appropriation Accounts, there was expended in 1905 the sum of \$380,717.06 from the sale of Corporate Stock, Revenue and Assessment Bonds, as follows:

|  |              |
|--|--------------|
| Corporate Stock Account.                 |              |
| Reconstruction of Sewers.....            | \$30,165 40  |
| Revenue Bond Accounts.                   |              |
| Repairing and Reconstructing Sewers..... | \$92,297 40  |
| Cleaning Sewers and Sewer Basins.....    | 19,104 74    |
|  | III,402 14   |
| Assessment Bond Account.                 |              |
| Street Improvement Fund .....            | 239,149 52   |
|  | \$380,717 06 |

## Summary of Total Expenditures, Year 1905.

|                                     |              |
|-------------------------------------|--------------|
| From Appropriation Accounts .....   | \$267,223 83 |
| From Bond and Special Accounts..... | 380,717 06   |
|                                     | \$647,940 89 |

(Signed) Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

No. 1898 o.

(No. 1898 o is Only an Index.  
No. 1898 p.  
Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, December 20, 1907.)

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the Borough President of Manhattan for the years 1904 and 1905, we submit this our sixteenth report for the use of J. P. Mitchel, Esq., special counsel.

This report consists of consolidated tables showing the expenditures for the year 1906 in each bureau, from Corporate Stock, Revenue Bonds, Assessment Bonds and Special Accounts, also from appropriations; compiled, as were also the tables for 1904 and 1905, in a manner directed by Mr. Mitchel.

A copy of this report has been transmitted to the Corporation Counsel.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

TABLE No. 1.

Showing Expenditures from Corporate Stock, Revenue Bonds, Assessment Bonds and Special Accounts in the Bureau of Engineers of Street Openings, Bureau of Highways, Bureau of Sewers, Bureau of Public Buildings and Offices, Year 1906, Showing Amounts Expended Under Contract, Without Contract (On Orders), Payrolls, and for Horse and Wagon Hire, Carfares, Etc., As of Record, in the Office of the Borough President of Manhattan, As of December 31, 1906.

| Title of Fund and Bureau.  | Year 1906.          |              |                         |   |
|--|---------------------|--------------|-------------------------|---|
|  | Total Expenditures. | Contract.    | Order Without Contract. | Distribution.                                       |
|  |                     |              |                         | Cab, Carriage, Horse and Wagon Hire, Carfares, etc. |
| <b>CORPORATE STOCK.</b>  |                     |              |                         |   |
| Bureau of Highways.  |                     |              |                         |   |
| Repaving Streets and Avenues, Chapter 356, Laws of 1889.....   | \$16,176 10         | \$16,176 10  | .....                   | .....   |
| Repaving Streets and Avenues, Chapter 35, Laws of 1892.....  | 51,580 37           | 51,580 37    | .....                   | .....   |
| Repaving Streets and Avenues, Chapter 475, Laws of 1895.....   | 76,540 51           | 76,540 51    | .....                   | .....   |
| Repaving Streets and Avenues, Chapter 87, Laws of 1897.....  | 62,076 15           | 61,803 65    | \$272 50                | .....   |
| Repaving Streets, Borough of Manhattan.....  | 1,276,286 99        | 1,198,180 49 | 1,618 81                | \$76,487 69   |
| Extension of Riverside Drive to Boulevard Lafayette.....   | 1,014,020 93        | 972,258 78   | 30,374 15               | 11,388 00   |
| Street Signs, Purchasing and Erecting.....   | 17,066 15           | 13,749 31    | 3,316 84                | .....   |
| Delancey Street, Between Bowery and Norfolk Street, Improvement of Roadway.....  | 22,697 84           | 22,349 84    | .....                   | 348 00  |
| Building Retaining Wall Along Westerly Side of Fort Washington Avenue.....   | 6,781 69            | 6,521 69     | .....                   | 260 00  |
| Broadway, Between One Hundred and Thirty-fifth Street and One Hundred and Sixty-ninth Street, Improvement of.....  | 29,231 50           | 29,003 50    | .....                   | 228 00  |
| Bureau of Sewers.  |                     |              |                         |   |
| Reconstruction of Sewers.....  | 73,132 88           | 34,552 50    | 35,432 88               | 3,147 50  |
| Bureau of Public Buildings and Offices.  |                     |              |                         |   |
| New Hall of Records, Building Fund.....  | 1,102,286 86        | 1,093,301 73 | 7,107 13                | 1,878 00  |
| Public Baths, Building Fund.....   | 311,544 07          | 286,861 20   | 24,682 87               | .....   |
| Criminal Court House Building, Completion of Construction.....   | 3,365 81            | .....        | 3,365 81                | .....   |
| Public Comfort Stations, Construction and Equipment.....   | 5,933 63            | .....        | 5,933 63                | .....   |
| City Hall, Borough of Manhattan, Making Improvements and Permanently Bettering. Repairs and Alterations to Building Known as No. 264 Madison Street, for Use of Thirteenth District Municipal Court..... | 627 17              | 627 17       | .....                   | .....   |
| Washington, West Washington, Fulton and Jefferson Markets, Permanently Bettering and Improving.....  | 4,507 09            | 3,824 00     | 683 09                  | .....   |
| Fifty-seventh Street Court House, the Jefferson Market Court House, the Harlem Court House, Permanently Bettering.....   | 11,572 96           | 4,930 00     | 6,642 96                | .....   |
| Criminal Court Building, Completion of Electric Wiring System.....   | 6,440 09            | 4,240 94     | 2,199 15                | .....   |
| Public Baths, Rivington Street.....  | 7,186 50            | 7,186 50     | .....                   | .....   |
| New Hall of Records, Equipment of Offices.....   | 2,137 73            | 2,137 73     | .....                   | .....   |
| New York County Court House, Improving and Permanently Bettering, etc.....   | 14,489 86           | .....        | 14,489 86               | .....   |
| SPECIAL REVENUE BONDS.   |                     |              |                         |   |
| Bureau of Engineers of Street Openings.  |                     |              |                         |   |
| Salaries for Surveying, etc., 1906.....  | 5,591 70            | .....        | .....                   | 5,591 70  |
| Bureau of Highways.  |                     |              |                         |   |
| Repairing and Renewing Street Pavements, Borough of Manhattan.....   | 830 59              | .....        | .....                   | 830 59  |
| Repairing and Maintaining Asphalt Pavements, Borough of Manhattan.....   | 108,085 41          | 58,905 01    | 49,180 40               | .....   |
| Repairing Street Pavements, Borough of Manhattan.....  | 549 97              | .....        | .....                   | 549 97  |
| Bureau of Sewers.  |                     |              |                         |   |
| Repairs to and Reconstructing Sewers.....  | 12,335 50           | 11,795 50    | 540 00                  | .....   |
| Cleaning Sewers and Sewer Basins, Borough of Manhattan.....  | 13,806 11           | .....        | .....                   | 13,806 11   |
| Bureau of Public Buildings and Offices.  |                     |              |                         |   |
| Repairs to the County Court House, County of New York.....   | 16,734 81           | 16,046 06    | 688 75                  | .....   |
| Repairing and Redecorating the City Hall.....  | 544 53              | 169 40       | 375 13                  | .....   |
| Purchase of Coal for New Public Baths, Public Comfort Stations and Buildings, Borough of Manhattan.....  | 22,065 22           | 22,065 22    | .....                   | .....   |
| Repairs and Furnishing Supplies to Public Buildings and Offices Under Jurisdiction of the President of the Borough of Manhattan.....   | 29,888 64           | .....        | 29,888 64               | .....   |
| Repairs and Alterations in the City Chamberlain's Office, No. 280 Broadway, Borough of Manhattan.....  | 1,115 00            | .....        | 1,115 00                | .....   |
| Repairs to Public Markets, Borough of Manhattan.....   | 14,988 23           | 8,607 50     | 6,380 73                | .....   |
| Purchasing Office Furniture for General and Special Sessions Court Rooms, Chambers and Office in Criminal Court Building.....  | 744 77              | .....        | 744 77                  | .....   |
| Providing Necessary Means for Employ of Help to Take Care of and Maintain New Hall of Records Building During 1905 and 1906.....   | 27,706 69           | .....        | 27,706 69               | .....   |
| Fitting Up New Office of Civil Service Commission.....   | 9,619 79            | .....        | 9,619 79                | .....   |
| Criminal Court Building, Completion of Electric Wiring System.....   | 8,999 00            | 8,999 00     | .....                   | .....   |
| Supreme Court, Criminal Branch, Equipping Court Room on Top Floor of Criminal Court Building.....  | 2,533 69            | .....        | 2,533 69                | .....   |
| Repairs to Free Floating Baths.....  | 14,974 00           | 14,974 00    | .....                   | .....   |
| Employment of Bath Attendant for Free Floating Baths.....  | 24,483 12           | .....        | 24,483 12               | .....   |

| Title of Fund and Bureau.   | Year 1906.          |                |                         |              |               |
|---|---------------------|----------------|-------------------------|--------------|---------------|
|   | Total Expenditures. | Contract.      | Order Without Contract. | Payroll.     | Distribution. |
| For Purchasing Two Automobiles for Use of the President of the Borough of Manhattan and Office of Commissioner of Public Works..... | 5,000 00            | .....          | 5,000 00                | .....        | .....         |
| For Interior of Public Bath, No. 202 West Sixtieth Street, Additional Bath Attendant, 1906.....                                     | 11,610 09           | .....          | .....                   | 11,610 09    | .....         |
| Twelfth District Municipal Court, Furnishing, Equipping, Fitting Up.....  | 1,978 41            | .....          | 1,978 41                | .....        | .....         |
| Mayor's Office, Repairs and Alterations.....  | 1,904 36            | .....          | 1,904 36                | .....        | .....         |
| ASSESSMENT BONDS.   |                     |                |                         |              |               |
| Bureau of Highways.   |                     |                |                         |              |               |
| Fund for Restoring Pavements.....   | 550 07              | .....          | 550 07                  | .....        | .....         |
| Street Improvement Fund.....  | 999,092 99          | 922,891 00     | 27,873 79               | 42,209 05    | \$6,119 15    |
| SPECIAL FUND.   |                     |                |                         |              |               |
| Bureau of Highways.   |                     |                |                         |              |               |
| Restoring and Repaving.....   | 116,971 45          | .....          | 65,124 17               | 51,847 28    | .....         |
| Totals.....   | \$5,586,786 30      | \$4,967,217 20 | \$341,078 16            | \$272,371 79 | \$6,119 15    |

TABLE No. 2.

Showing Expenditures from Appropriation Accounts in All of the Bureaus of the Borough President of Manhattan, Year 1906, Showing Available Funds, Total Expenditures, By Contract and Without Contract, By Payrolls, and for Carfares, Cabs, etc., as of Record in the Offices of the Borough President.

| Bureau and Title of Account.  | Year 1906.       |                     |              |                         |                |
|---|------------------|---------------------|--------------|-------------------------|----------------|
|   | Available Funds. | Total Expenditures. | By Contract. | Order Without Contract. | Payroll.       |
| General Administration.   |                  |                     |              |                         |                |
| Salaries .....  | \$72,700 00      | \$72,602 36         | .....        | .....                   | \$72,602 36    |
| Contingencies .....   | 13,456 06        | 10,370 70           | .....        | \$2,988 35              | .....          |
| Bureau of Engineers of Street Openings.                                       |                  |                     |              |                         |                |
| Salaries .....  | 17,183 94        | 17,183 94           | .....        | .....                   | 17,183 94      |
| Supplies and Contingencies.....   | 3,180 00         | 1,764 56            | .....        | 1,561 79                | .....          |
| Bureau of Highways.   |                  |                     |              |                         |                |
| Salaries .....  | 70,500 00        | 70,029 95           | .....        | .....                   | 70,029 95      |
| Boulevards, Roads and Avenues, Maintenance of.....                            | 114,150 00       | 109,908 87          | .....        | 8,040 71                | 99,948 16      |
| Flagging Sidewalks and Fencing Vacant Lots.....                               | 2,200 00         | 1,448 44            | .....        | 1,448 44                | .....          |
| One Hundred and Fifty-fifth Street Viaduct, Maintenance and Repairs.....      | 3,900 00         | 3,403 00            | .....        | 2,212 50                | 1,190 50       |
| Kepairs and Renewal of Pavements and Regrading.....                           | 559,358 00       | 544,438 38          | \$5,883 26   | 12,752 43               | 503,873 49     |
| Roads, Streets, Avenues, Maintenance of and Sprinkling.....                   | 35,000 00        | 34,355 69           | .....        | .....                   | 34,355 69      |
| Eighth Avenue Pavement, Maintenance of.....                                   | 19,200 00        | 19,200 00           | 19,200 00    | .....                   | .....          |
| Chemical and Cement Laboratory.....   | 2,500 00         | 1,886 07            | .....        | 86 07                   | 1,800 00       |
| Riverside Drive Viaduct, Maintenance of.....                                  | 3,100 00         | 2,523 50            | .....        | .....                   | 2,523 50       |
| Street Signs, Maintenance of.....   | 4,700 00         | 3,699 48            | .....        | 2,719 48                | .....          |
| Bureau of Incumbrances.   |                  |                     |              |                         |                |
| Salaries .....  | 16,300 00        | 16,286 66           | .....        | .....                   | 16,286 66      |
| Removing Obstructions, Streets and Avenues.....                               | 12,000 00        | 10,873 55           | .....        | 5,683 00                | 2,686 00       |
| Bureau of Sewers.   |                  |                     |              |                         |                |
| Salaries .....  | 65,020 00        | 62,256 80           | .....        | .....                   | 62,256 80      |
| Boring Examinations.....  | 4,900 00         | 4,753 50            | .....        | .....                   | 4,753 50       |
| Repairing and Cleaning Sewers.....  | 250,000 00       | 237,734 42          | .....        | 8,832 87                | 226,461 55     |
| Bureau of Public Buildings and Offices.                                       |                  |                     |              |                         |                |
| Salaries and Wages.....   | 374,000 00       | 367,189 16          | .....        | .....                   | 367,189 16     |
| Supplies and Repairs, Including Public Baths and Public Comfort Stations..... | 231,650 00       | 190,460 12          | 13,837 75    | 175,362 37              | .....          |
| Rent of Offices, Park Row Building.....                                       | 32,401 01        | 32,401 00           | 32,401 00    | .....                   | .....          |
| Bureau of Public Baths and Public Comfort Stations.                           |                  |                     |              |                         |                |
| Salaries and Wages.....   | 175,549 50       | 170,706 55          | .....        | .....                   | 170,706 55     |
|   | \$2,082,948 51   | \$1,985,476 70      | \$71,322 01  | \$221,688 01            | \$1,653,847 81 |
|   |                  |                     |              |                         | \$38,618 87    |

No. 1898q.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 21, 1907.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the Borough President of Manhattan, we submit this our seventeenth report, compiled, in accordance with instructions from J. P. Mitchel, Esq., special counsel, by our Chief Engineer, showing the cost of restoring pavements of all classes (except stone block), on account of defects due to bonfires and unknown causes, covering the years 1904, 1905 and 1906, in the Borough of Manhattan.

A copy of this report has been transmitted to the Corporation Counsel.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 15, 1907.

Subject—Cost of restoring pavements of all classes (except stone block) on account of defects due to bonfires and unknown causes, covering the years 1904, 1905 and 1906, in the Borough of Manhattan.

Hon. Commissioners of Accounts, New York City:

Gentlemen—According to your instructions I have compiled, for the information of J. P. Mitchel, Esq., special counsel, the attached two tabular statements, showing the cost of restoring pavements of all classes (except stone block), in the Borough of Manhattan, during the years 1904, 1905 and 1906, the necessity for the same being on account of defects due to bonfires built on the streets and on account of unknown causes.

The figures have been taken from the records of the Bureau of Highways, which are in the form of duplicates of orders issued to the paving contractors to make repairs to the pavements for which they are liable under their contracts.

The statements show the total area and cost of repairs as estimated by the Bureau, as well as the actual cost in the final return. The figures for actual cost, particularly in 1906, are not always complete inasmuch as the final returns have not been made, but the figures for estimated and actual cost in the other portions of the statements agree so closely that we have assumed that the small error will not affect the value of the statement for general purposes and we have consequently taken the actual cost as being the same as the estimated cost in those instances. The explanation given on the order for defects due to so-called unknown causes is stated as either—

“Unknown Parties—Where an opening may have been made by a plumber, for instance, without a permit and the Bureau is unable to find out the name of the party.

“Unknown Causes—Usually where a settlement in the street surface has taken place for which no reason is apparent.

“Underground Disturbances—Caused by accident to gas or water mains, etc.

“Other Causes—The reason for which is given in a general way in the column headed ‘Cause of Damage.’”

Referring to the excessive amounts shown on the table of street areas destroyed by fireburns, it was found in making up the totals that there were several items in which the damaged area amounted to from ten to fourteen per cent. of the total area of the street in question, a circumstance which speaks for the negligence of the Police Department.

The prices paid per square yard for all repairs are stipulated in the contracts and are easily applied to the bonfire defects where only the wearing surface of the pavement has to be restored, but with defects due to unknown causes, which are generally openings in the street, the foundation and sometimes the filling under the foundation has to be replaced and in consequence the cost of the work is greatly increased.

We believe it should be possible to hold someone responsible for the majority of the defects due to unknown causes, since the character of the opening should generally indicate a means of obtaining definite information on this subject. For instance,

a plumber's opening has been made without permit; it would appear that inasmuch as the plumber must have been employed by an owner or builder to make some house service connections it would always be possible to secure the desired information.

I beg also to refer you to our general report on the Bureau of Highways, which we have made in connection with the special examination of the office of the President of the Borough of Manhattan. This report is now in preparation to be submitted to his Honor the Mayor. It specifically refers to these subjects under the heading of "Maintenance Work" and contains our recommendations to remedy this condition.

Respectfully,

OTTO W. KLEIN, Chief Engineer.

Payments Made for Restoration of Pavements for Year 1904, Due to

| Contractors.                       | Bonfires.                    |                 |              | Unknown Causes.              |                 |              |
|------------------------------------|------------------------------|-----------------|--------------|------------------------------|-----------------|--------------|
|                                    | Estimated Number of Sq. Yds. | Estimated Cost. | Actual Cost. | Estimated Number of Sq. Yds. | Estimated Cost. | Actual Cost. |
| Barber Asphalt Paving Company      | 3,468.70                     | \$6,777.74      | \$6,787.41   | 106.00                       | \$365.63        | \$379.49     |
| Asphalt Construction Company       | 586.74                       | 1,079.21        | 1,081.85     | 77.00                        | 229.46          | 229.46       |
| Fruin-Bambrick Company             | 621.80                       | 1,643.00        | 1,645.00     | .....                        | .....           | .....        |
| Uvalde Asphalt Paving Company      | 170.60                       | 346.44          | 319.66       | 28.00                        | 68.56           | 70.56        |
| Standard Asphalt Paving Company    | 63.40                        | 266.80          | 266.80       | .....                        | .....           | .....        |
| Atlantic Alcatraz Company          | 1,295.80                     | 2,591.60        | 2,596.40     | 12.00                        | 37.08           | 37.08        |
| Continental Asphalt Paving Company | 266.70                       | 472.85          | 472.87       | .....                        | .....           | .....        |
| Sicilian Asphalt Paving Company    | 73.00                        | 146.00          | 146.00       | 111.28                       | 396.07          | 396.07       |
| Warren-Scharf Company              | 2,645.30                     | 5,214.40        | 5,218.80     | 67.30                        | 232.81          | 237.07       |
| Total                              | 9,192.04                     | \$18,538.64     | \$18,534.79  | 401.58                       | \$1,329.61      | \$1,349.73   |

Payments Made for Restoration of Pavements During 1905, Due to

| Contractors.                       | Bonfires.                    |                 |              | Unknown Causes.              |                 |              |
|------------------------------------|------------------------------|-----------------|--------------|------------------------------|-----------------|--------------|
|                                    | Estimated Number of Sq. Yds. | Estimated Cost. | Actual Cost. | Estimated Number of Sq. Yds. | Estimated Cost. | Actual Cost. |
| Barber Asphalt Paving Company      | 16,732.64                    | \$32,188.37     | \$32,585.90  | 611.10                       | \$2,500.86      | \$2,508.81   |
| Asphalt Construction Company       | 687.70                       | 1,052.72        | 1,052.72     | .....                        | .....           | .....        |
| Fruin-Bambrick Company             | 3,777.69                     | 6,878.08        | 7,467.18     | .....                        | .....           | .....        |
| Uvalde Asphalt Paving Company      | 4,742.54                     | 7,443.91        | 7,615.45     | .....                        | .....           | .....        |
| Standard Asphalt Paving Company    | 198.80                       | 393.60          | 397.60       | .....                        | .....           | .....        |
| Atlantic Alcatraz Company          | 2,659.48                     | 5,324.42        | 5,324.76     | .....                        | .....           | .....        |
| Continental Asphalt Paving Company | 1.80                         | 3.15            | 3.15         | .....                        | .....           | .....        |
| Total                              | 11,720.65                    | \$20,445.89     | \$21,139.08  | 626.10                       | \$1,970.68      | \$1,988.86   |

Payments Made for Restoration of Pavements Damaged by Unknown Causes in 1904.

| Date of Requisition. | Date of Order. | Date of Audit. | Contractor.                          | Location of Work.                          | Estimated No. of Sq. Yds. | Price per Sq. Yd. | Estimated Price. | Actual Cost. | Cause of Damage.                      |
|----------------------|----------------|----------------|--------------------------------------|--|---------------------------|-------------------|------------------|--------------|---------------------------------------|
| July 18, 1904        | July 19, 1904  | Aug. 29, 1904  | Barber Asphalt Paving Company        | 124 W. 124th st.                           | 23.0                      | \$2.86            | \$65.78          | \$73.50      | Underground disturbance               |
| Aug. 27, 1904        | Aug. 29, 1904  | Oct. 8, 1904   | Barber Asphalt Paving Company        | Tenth st., 25 feet east of Avenue A        | 1.0                       | 4.39              | 4.39             | 4.39         | Unknown parties                       |
| Oct. 12, 1904        | Oct. 13, 1904  | Dec. 22, 1904  | Barber Asphalt Paving Company        | East side of Broadway, north of 24th st.   | 2.0                       | 3.58              | 7.16             | 8.59         | Unknown parties                       |
| Oct. 18, 1904        | Oct. 19, 1904  | Dec. 9, 1904   | Barber Asphalt Paving Company        | 2, 4, 12, 20, 28 W. 17th st.               | 10.0                      | 3.63              | 36.30            | 36.30        | In place granite block around manhole |
| Oct. 25, 1904        | Oct. 26, 1904  | Nov. 21, 1904  | Barber Asphalt Paving Company        | 230 E. 32d st.                             | 2.0                       | 3.27              | 6.54             | 6.54         | Not chargeable to plumber             |
| Nov. 3, 1904         | Nov. 4, 1904   | Dec. 15, 1904  | Barber Asphalt Paving Company        | 8 E. 51st st.                              | 8.0                       | 3.63              | 29.04            | 33.75        | Unknown parties                       |
| Dec. 9, 1904         | Dec. 10, 1904  | April 27, 1905 | Barber Asphalt Paving Company        | 463-465 W. 47th st.                        | 2.0                       | 2.65              | 5.30             | 5.30         | Unknown parties                       |
| Dec. 9, 1904         | Dec. 10, 1904  | April 28, 1905 | Barber Asphalt Paving Company        | Sixtieth st., Fifth ave., 139 feet east    | 58.0                      | 3.64              | 211.12           | 211.12       | Unknown cause                         |
|                      |                |                |                                      |  | 106.0                     |                   | \$365.63         | \$379.49     |                                       |
|                      |                |                |                                      |  |                           |                   |                  |              |                                       |
| Dec. 31, 1903        | Jan. 4, 1904   | Jan. 30, 1904  | Warren-Scharf Asphalt Paving Company | 124 W. 96th st.                            | 28.0                      | 4.00              | \$112.00         | \$110.40     | Cave-in, unknown cause                |
| July 20, 1904        | July 21, 1904  | .....          | Warren-Scharf Asphalt Paving Company | 309 W. 85th st.                            | 5.3                       | 4.00              | 21.20            | .....        | Underground disturbance               |
| July 23, 1904        | July 25, 1904  | Sept. 9, 1904  | Warren-Scharf Asphalt Paving Company | First ave. and 56th st.                    | 25.0                      | 2.93              | 73.25            | 79.00        | Plumber not responsible               |
| Nov. 29, 1904        | Nov. 30, 1904  | April 17, 1905 | Warren-Scharf Asphalt Paving Company | 831 First ave.                             | 9.0                       | 2.93              | 26.36            | 26.36        | Unknown parties                       |
|                      |                |                |                                      |  | 67.3                      |                   | \$232.81         | \$237.07     |                                       |
|                      |                |                |                                      |  |                           |                   |                  |              |                                       |
| June 11, 1904        | June 14, 1904  | Nov. 3, 1904   | Uvalde Asphalt Paving Company        | 60-62 Edgecombe ave.                       | 7.0                       | 2.52              | \$17.64          | \$17.64      | Cave-in                               |
| June 16, 1904        | June 17, 1904  | July 20, 1904  | Uvalde Asphalt Paving Company        | 550 W. 150th st.                           | 18.0                      | 2.52              | 43.36            | 45.36        | Plumber not responsible               |
| Sept. 12, 1904       | Sept. 13, 1904 | Oct. 26, 1904  | Uvalde Asphalt Paving Company        | 110 E. 18th st.                            | 3.0                       | 2.52              | 7.56             | 7.56         | Unknown parties                       |
|                      |                |                |                                      |  | 28.0                      |                   | \$68.56          | \$70.56      |                                       |
|                      |                |                |                                      |  |                           |                   |                  |              |                                       |
| April 8, 1904        | April 9, 1904  | May 11, 1904   | Sicilian Asphalt Paving Company      | 28 E. 63d st.                              | 26.0                      | 3.68              | \$95.68          | \$95.68      | Sinking street, unknown cause         |
| July 15, 1904        | July 16, 1904  | Nov. 23, 1904  | Sicilian Asphalt Paving Company      | 26 E. 63d st.                              | 21.28                     | 3.68              | 78.31            | 78.31        | Underground disturbance               |
| Dec. 7, 1904         | Dec. 8, 1904   | April 17, 1905 | Sicilian Asphalt Paving Company      | South side of 40th st., west of Fifth ave. | 64.0                      | 3.47              | 222.08           | 222.08       | Underground disturbance               |
|                      |                |                |                                      |  | 111.28                    |                   | \$396.07         | \$396.07     |                                       |
|                      |                |                |                                      |  |                           |                   |                  |              |                                       |
| Aug. 26, 1904        | Aug. 27, 1904  | Oct. 26, 1904  | Asphalt Contracting Company          | Eighty-fourth st. and East river           | 77.0                      | 2.98              | \$229.06         | \$229.46     | Cave-in                               |
|                      |                |                |                                      |  | 77.0                      |                   | \$229.46         | \$229.46     |                                       |
|                      |                |                |                                      |  |                           |                   |                  |              |                                       |
| Sept. 23, 1904       | .....          | Oct. 26, 1904  | Atlantic Alcatraz Company            | 177 E. 77th st.                            | 12.0                      | 3.09              | \$37.08          | \$37.08      | Cave-in, cause unknown                |
|                      |                |                |                                      |  | 12.0                      |                   | \$37.08          | \$37.08      |                                       |

## Payments Made for Restoration of Pavements, Damaged by Unknown Causes in 1905.

| Date of Requisition. | Date of Order. | Date of Audit. | Contractor.                     | Location of Work.   | Estimated No. of Sq. Yds. | Price per Sq. Yd. | Estimated Price. | Actual Cost. | Cause of Damage.  |
|----------------------|----------------|----------------|---------------------------------|---|---------------------------|-------------------|------------------|--------------|---|
| May 29, 1905         | May 31, 1905   | June 30, 1905  | Barber Asphalt Paving Company   | 425-431 Fifth ave.....                                      | 71.0                      | 4 65              | \$330 05         | \$339 45     | Unknown cause   |
| July 22, 1905        | July 22, 1905  | Feb. 8, 1906   | Barber Asphalt Paving Company   | 230-232 E. 22d st.....                                      | 21.0                      | 4 09              | 85 89            | 85 89        | Not chargeable to owner of property or paving contractor                            |
| Aug. 8, 1905         | Aug. 9, 1905   | Dec. 15, 1905  | Barber Asphalt Paving Company   | 14-32 Second st.....  | 9.0                       | 3 74              | 33 66            | 33 29        | Unknown parties   |
| Sept. 30, 1905       | Oct. 2, 1905   | Dec. 15, 1905  | Barber Asphalt Paving Company   | Norwest corner of Norfolk and Hester sts.....               | 110.4                     | 3 83              | 422 83           | 422 83       | Settlement of foundation for which paving and sewer contractors are not responsible |
| Oct. 19, 1905        | Oct. 20, 1905  | Dec. 15, 1905  | Barber Asphalt Paving Company   | Southeast corner of Fifth ave. and 45th st.....             | 46.2                      | 4 65              | 214 83           | 214 83       | Settlement of foundation for which paving contractor is not responsible             |
| Dec. 26, 1905        | Dec. 27, 1905  | Jan. 20, 1906  | Barber Asphalt Paving Company   | Intersection of 58th st. and Fifth ave.....                 | 297.5                     | 3 36              | 999 20           | 999 60       | Underground disturbance   |
| Dec. 26, 1905        | Dec. 27, 1905  | Feb. 10, 1906  | Barber Asphalt Paving Company   | East side of Broadway, 227 feet south of Houston st.        | 56.0                      | 7 40              | 414 40           | 412 92       | Settlement of foundation for which contractor is not responsible                    |
|                      |                |                |                                 |   | 611.1                     |                   | \$2,500 86       | \$2,508 81   |   |
|                      |                |                |                                 |   | =====                     |                   | =====            | =====        |   |
| May 18, 1905         | May 19, 1905   | June 13, 1905  | Warren-Scharf Asphalt Company   | First ave. and 56th st., on First ave.....                  | 20.0                      | 2 93              | \$58 60          | \$58 60      | Unknown parties   |
| June 6, 1905         | June 7, 1905   | .....          | Hastings Paving Company         | Bradhurst ave., intersection 149th st.....                  | 15.0                      | 2 25              | \$45 25          | .....        | Washout   |
| Sept. 29, 1905       | Sept. 30, 1905 | Dec. 5, 1905   | Hastings Paving Company         | Southwest corner of 101st st. and Manhattan ave.....        | 89.0                      | 2 25              | 200 25           | \$199 35     | Due to washout, for which plumber and contractor are not responsible                |
| Dec. 26, 1905        | Dec. 27, 1905  | Feb. 6, 1906   | Hastings Paving Company         | North side of 131st st., 12 feet west of Amsterdam ave..... | 7.6                       | 3 17              | 24 09            | 24 09        | Unknown parties   |
|                      |                |                |                                 |   | 111.6                     |                   | \$269 59         | \$268 69     |   |
|                      |                |                |                                 |   | =====                     |                   | =====            | =====        |   |
| July 27, 1905        | Aug. 2, 1905   | Sept. 19, 1905 | Sicilian Asphalt Paving Company | 4 E. 52d st.....  | 22.0                      | 2 45              | \$53 90          | \$54 66      | Unknown parties   |
| Sept. 25, 1905       | Sept. 26, 1905 | Dec. 11, 1905  | Sicilian Asphalt Paving Company | 306-310 W. 51st st.....                                     | 5.0                       | 3 09              | 15 45            | 15 45        | Not chargeable to plumber or paving contractor                                      |
| Dec. 2, 1905         | Dec. 4, 1905   | Jan. 18, 1906  | Sicilian Asphalt Paving Company | 6-8 E. 76th st.....   | 7.7                       | 3 91              | 28 56            | 28 86        | Unknown cause   |
| Dec. 26, 1905        | Dec. 27, 1905  | June 5, 1906   | Sicilian Asphalt Paving Company | Fifty-eighth st., intersection of Fifth ave.....            | 50.5                      | 4 45              | 224 72           | 224 73       | Underground disturbance   |
|                      |                |                |                                 |   | 85.2                      |                   | \$322 63         | \$323 70     |   |

\*2 cubic yards concrete.

## Payments Made for Restoration of Pavements Damaged by Unknown Causes in 1906.

| Date of Requisition. | Date of Order. | Date of Audit. | Contractor.                          | Location of Work.                                      | Estimated No. of Sq. Yds. | Price per Sq. Yd. | Estimated Price. | Actual Cost. | Cause of Damage.  |
|----------------------|----------------|----------------|--------------------------------------|--|---------------------------|-------------------|------------------|--------------|---|
| Feb. 15, 1906        | Feb. 16, 1906  | .....          | Barber Asphalt Paving Company        | Broadway and 76th st., on Broadway                     | 5.0                       | \$3 80            | \$19 00          | .....        | Unknown parties   |
| May 29, 1906         | May 31, 1906   | July 23, 1906  | Barber Asphalt Paving Company        | 2343-2345 Eighth ave.....                              | 28.0                      | 3 19              | 89 32            | \$4 74       | Underground disturbance   |
| June 26, 1906        | June 27, 1906  | Nov. 5, 1906   | Barber Asphalt Paving Company        | Mulberry and Prince sts.....                           | 34.0                      | 3 95              | 134 30           | 134 30       | Unknown parties   |
| June 26, 1906        | June 27, 1906  | Sept. 19, 1906 | Barber Asphalt Paving Company        | 18-20 Ann st.....                                      | 7.0                       | 3 87              | 27 09            | 33 28        | Unknown parties   |
| Aug. 24, 1906        | Aug. 25, 1906  | Sept. 25, 1906 | Barber Asphalt Paving Company        | 303-305 E. 32d st.....                                 | 15.0                      | 3 27              | 49 05            | 48 07        | Unknown parties   |
| Aug. 24, 1906        | Aug. 25, 1906  | .....          | Barber Asphalt Paving Company        | 291-293 Seventh ave.....                               | 3.0                       | 3 95              | 11 95            | .....        | Unknown causes  |
| Oct. 18, 1906        | Oct. 19, 1906  | .....          | Barber Asphalt Paving Company        | South side of Dominick st., west of Clark.....         | 76.0                      | 3 74              | 213 18           | .....        | Unknown causes  |
| Oct. 25, 1906        | Oct. 26, 1906  | Dec. 12, 1906  | Barber Asphalt Paving Company        | Eleventh st. and Greenwich and Seventh aves.....       | 9.0                       | 3 69              | 35 21            | 33 58        | Unknown causes  |
| Dec. 13, 1906        | Dec. 14, 1906  | Jan. 16, 1907  | Barber Asphalt Paving Company        | 79 Fifth ave.....                                      | 3.0                       | 4 65              | 13 95            | 15 81        | Unknown causes  |
| Dec. 27, 1906        | Dec. 28, 1906  | .....          | Barber Asphalt Paving Company        | Sixty-fifth st., 190 feet west of Broadway.....        | 11.0                      | 2 50              | 27 50            | .....        | Settlement for which plumbing or paving contractors are not responsible |
|                      |                |                |                                      |  | 190.0                     |                   | \$618 55         | \$631 41     |   |
|                      |                |                |                                      |  | =====                     |                   | =====            | =====        |   |
| Jan. 5, 1906         | Jan. 6, 1906   | Feb. 8, 1906   | Sicilian Asphalt Paving Company      | North side of 28th st., 33 feet east of Fifth ave..... | 3.3                       | 3 49              | \$11 52          | \$13 58      | Unknown parties   |
| Jan. 23, 1906        | Jan. 24, 1906  | Mar. 30, 1906  | Sicilian Asphalt Paving Company      | Forty-eighth st., west of Eighth ave.....              | 1.8                       | 3 07              | 5 53             | 5 46         | Unknown causes  |
| June 20, 1906        | June 21, 1906  | July 30, 1906  | Sicilian Asphalt Paving Company      | Sixty-eighth st., Amsterdam and West End aves.....     | 115.0                     | 2 50              | 287 50           | 287 50       | Settlement of ground from unknown causes                                |
| Aug. 24, 1906        | Aug. 25, 1906  | Oct. 3, 1906   | Sicilian Asphalt Paving Company      | 251 E. 109th st.....                                   | 8.0                       | 3 00              | 24 00            | 24 00        | Unknown causes  |
| Oct. 24, 1906        | Oct. 25, 1906  | .....          | Sicilian Asphalt Paving Company      | Fifty-ninth st., 25 feet east of Sixth ave.....        | 4.0                       | 3 89              | 15 56            | .....        | Unknown causes  |
| Oct. 25, 1906        | Oct. 26, 1906  | Jan. 2, 1907   | Sicilian Asphalt Paving Company      | Eleventh st., Sixth and Seventh aves.....              | 5.0                       | 3 88              | 19 40            | 19 40        | Unknown causes  |
| Nov. 28, 1906        | Nov. 30, 1906  | .....          | Sicilian Asphalt Paving Company      | South side of 50th st., 50 feet east of Sixth ave...   | 76.0                      | 3 89              | 295 64           | .....        | Unknown causes  |
|                      |                |                |                                      |  | 213.1                     |                   | \$659 15         | \$661 14     |   |
|                      |                |                |                                      |  | =====                     |                   | =====            | =====        |   |
| June 15, 1906        | June 16, 1906  | July 23, 1906  | Warren-Scharf Asphalt Paving Company | 313 W. 87th st.....                                    | 6.0                       | 4 00              | \$24 00          | \$25 60      | Unknown parties   |
| Nov. 23, 1906        | Nov. 24, 1906  | Jan. 8, 1907   | Warren-Scharf Asphalt Paving Company | 695 First ave.....                                     | 2.0                       | 2 93              | 5 86             | 5 86         | Unknown parties   |
| Dec. 19, 1906        | Dec. 20, 1906  | Feb. 4, 1907   | Warren-Scharf Asphalt Paving Company | 251 W. 129th st.....                                   | 7.0                       | 2 94              | 20 58            | 22 93        | Unknown parties   |
|                      |                |                |                                      |  | 15.0                      |                   | \$50 44          | \$54 39      |   |
|                      |                |                |                                      |  | =====                     |                   | =====            | =====        |   |
| Jan. 16, 1906        | Jan. 17, 1906  | April 19, 1906 | Asphalt Construction Company         | Opposite 435 E. 84th st...                             | 4.0                       | 3 10              | \$12 40          | \$12 40      | Unknown plumbers  |
| May 4, 1906          | May 5, 1906    | .....          | Asphalt Construction Company         | 332-338 One Hundred and Nineteenth st.....             | 4.0                       | 3 00              | 12 00            | 12 00        | Underground disturbance   |
|                      |                |                |                                      |  | 8.0                       |                   | \$24 40          | \$24 40      |   |

| Date of Requisition. | Date of Order. | Date of Audit. | Contractor.                        | Location of Work.                                     | Estimated No. of Sq. Yds. | Price per Sq. Yd. | Estimated Price. | Actual Cost. | Cause of Damage.        |
|----------------------|----------------|----------------|------------------------------------|---|---------------------------|-------------------|------------------|--------------|-------------------------|
| Feb. 7, 1906         | Feb. 8, 1906   | Mar. 12, 1906  | Atlantic Alcatraz Company.....     | West side of Sixth ave., 35 feet north of 23d st..... | 4.0                       | 3 54              | \$14 28          | \$13 21      | Unknown parties         |
| Nov. 2, 1906         | Nov. 3, 1906   | Dec. 12, 1906  | Atlantic Alcatraz Company.....     | 97-98 Central Park West.....                          | 8.0                       | 3 20              | 25 60            | 25 60        | Unknown causes          |
|                      |                |                |                                    |   | 12.0                      |                   | \$39 88          | \$38 81      |                         |
| Jan. 10, 1906        | Jan. 11, 1906  | Feb. 6, 1906   | Degnon Contracting Company.....    | East intersection of Seventh ave. and 46th st.....    | 15.0                      | 3 28              | \$49 20          | \$49 20      | Unknown parties         |
| Jan. 10, 1906        | Jan. 11, 1906  | Feb. 6, 1906   | Degnon Contracting Company.....    | West intersection of Broadway and 46th st.....        | 17.0                      | 3 28              | 55 76            | 54 64        | Unknown parties         |
| Jan. 18, 1906        | Jan. 19, 1906  | Feb. 6, 1906   | Degnon Contracting Company.....    | Northwest corner of Long Acre sq. and 47th st....     | 6.0                       | 3 28              | 26 24            | 27 09        | Broken catch-basin      |
|                      |                |                |                                    |   | 38.0                      |                   | \$131 20         | \$130 93     |                         |
| Dec. 28, 1906        | Dec. 29, 1906  | .....          | Fruin-Bambrick Company .....       | 135 E. 54th st.....                                   | 86.0                      | 3 03              | \$260 58         | \$260 58     | Unknown causes          |
|                      |                |                |                                    |   | 86.0                      |                   | \$260 58         | \$260 58     |                         |
| Dec. 13, 1906        | Dec. 14, 1906  | Jan. 8, 1907   | Mack Paving Company .....          | Broadway and 42d st.....                              | 8.0                       | 6 30              | \$50 40          | \$50 40      | Unknown causes          |
|                      |                |                |                                    |   | 8.0                       |                   | \$50 40          | \$50 40      |                         |
| Nov. 23, 1906        | Nov. 24, 1906  | .....          | Metropolitan Asphalt Company.....  | 147 Clinton st.....                                   | 3.0                       | 3 67              | \$11 01          | \$11 01      | Unknown parties         |
|                      |                |                |                                    |   | 3.0                       |                   | \$11 01          | \$11 01      |                         |
| May 4, 1906          | May 5, 1906    | Aug. 6, 1906   | New York and Bermudez Company..... | Jansen ave., 300 feet south of Terrace View ave.....  | 4.0                       | 1 99              | \$7 96           | \$7 96       | Underground disturbance |
|                      |                |                |                                    |   | 4.0                       |                   | \$7 96           | \$7 96       |                         |
| Oct. 12, 1906        | Oct. 13, 1906  | Dec. 6, 1906   | Hastings Paving Company.....       | West intersection of 139th st. and Lenox ave.....     | 49.0                      | 2 39              | \$117 11         | \$117 83     | Unknown causes          |
|                      |                |                |                                    |   | 49.0                      |                   | \$117 11         | \$117 11     |                         |

No. 1898r.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 23, 1907.

## Letter of Transmittal.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—At the request of the Hon. John F. Ahearn, Borough President of Manhattan, prompted by the criticism on his administration contained in a pamphlet issued by the Bureau of City Betterment, your Honor requested us, in conjunction with the Corporation Counsel, to make a special examination of his office.

This pamphlet we have accordingly referred to our Chief Engineer with instructions to make an examination and report on all the matters referred to in said pamphlet which are of an engineering nature, as well as to any other matters which may come within their province as engineers and not referred to in said pamphlet.

As a result we transmit herewith, for the information of J. P. Mitchel, Esq., Special Counsel, our Chief Engineer's report on the Bureau of Highways, the same being our eighteenth report on the office of the Borough President of Manhattan, which contains:

First—Description of the work carried on by the Bureau of Highways.

Second—An outline of its organization and the duties of its officials.

Third—Criticisms and recommendations.

Fourth—Brief recapitulation of our criticisms and recommendations.

Fifth—References to criticisms on pages of Bureau of City Betterment's pamphlet, referring also to pages of our report on same subject.

Sixth—Conclusions.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 23, 1907.

Subject—Report on the Examination of the Bureau of Highways, Forming a Portion of the Investigation of the Various Bureaus Comprising the Office of the President of the Borough of Manhattan.

Hon. Commissioners of Accounts, New York City:

Gentlemen—This report is the result of a request made by the Hon. John F. Ahearn, President of the Borough of Manhattan, to the Mayor of The City of New York, asking for an investigation of the charges made in a printed pamphlet entitled "How Manhattan Is Governed," the same being essentially a report by the Bureau of City Betterment of the Citizens' Union of New York City, criticizing the conduct of said President's office during the years 1904 and 1905.

The subject matter herein contained comprises:

A description of the work carried on by the Bureau of Highways.

An outline of its organization and the duties of its officials.

A discussion consisting of criticism and recommendations regarding both the work and the organization of this Bureau, including reference to all subjects mentioned in the above report on the Bureau of City Betterment which pertain to the Bureau of Highways, in so far as its technical operations are concerned.

While we are responsible for the opinions in the portion designated as "Criticism and Recommendations," the information detailed in the preceding part of the report was obtained from certain officials of the Bureau of Highways, whose courtesy and co-operation in the matter are highly appreciated.

## Description of Work.

For a thorough comprehension of the work of this Bureau it is essential to understand its operation and the work performed by it. In general the work of the Bureau, as its name indicates, consists of the control of the highways of the Borough, comprising the construction and maintenance of pavements of various classes, the construction of new streets, the maintenance of sidewalks and the control of vaults under the sidewalks. It may be divided under three general headings with various subdivisions:

## I. Preliminary Work—

1. Surveys, estimates, etc., for assessment work.
2. Surveys, estimates, etc., for repaving work.
3. Preparation of contracts, specifications, etc., and examination of samples submitted with bids.

## II. Construction Work—

## 1. Assessment work,

- (a) Regulating and grading contracts,
- (b) Paving contracts,

Sheet asphalt on concrete foundations,  
Asphalt blocks on concrete foundations,  
Granite blocks on concrete foundations,  
Wood blocks on concrete foundations.

## 2. Repaving work,

Sheet asphalt on present pavement relaid,  
Sheet asphalt on concrete foundation,  
Asphalt block on concrete foundation,  
Wood block on concrete foundation,  
Granite block on concrete foundation.

## III. Maintenance Work—

## 1. Classification,

- (a) Repairs under guarantee period of contract,
- (b) Repairs under maintenance contracts,
- (c) Repairs made by employees of Bureau.

## 2. Repairs due to

- (a) Wear and tear due to traffic, leaky gas mains, etc.,
- (b) Injuries due to bonfires and unknown causes,
- (c) Openings,

Plumbers' openings,  
Builders' openings,  
Resetting curb openings,  
Banner pole and guy post openings,  
Corporation openings for  
Electric conduits,  
Telephone and telegraph conduits,  
Gas mains,  
Steam mains,  
Pneumatic tubes,  
Street railway companies' repairs, etc.,  
Openings made by City Departments,  
Department of Water Supply, Gas and Electricity,  
Rapid Transit Commission,  
Bureau of Sewers.

## I.—Preliminary Work.

This work consists principally of surveys and estimates for:

First—Assessment work, which is paid for by the abutting property owners and is authorized by a resolution of the Board of Estimate and Apportionment, which names the class of work and defines its limits. When such work is in hand a City Surveyor (not in the regular employ of the City), appointed by the Borough President, has charge of the work of making the surveys and estimates of quantities on which the bids for the work are based.

A second class of preliminary work embraces the surveys and estimates for repaving work in distinction from assessment work, for the reason that repaving work is entirely paid for by the City at large. The authority for action in the matter of repaving is vested entirely in the President of the Borough, who has full power to determine the necessity and extent of such work, as well as the class of pavement to be laid, although he generally conforms to requests, made in the shape of petitions of interested citizens asking for a particular kind of pavement. In this case the work of making the surveys and estimates preparatory to bidding is done by the Engineers of the Bureau, but covers, for the most part, the same ground as that done by the City Surveyor.

The purpose of the surveys and estimates for both kinds of work is the determination of the amount of work to be done and its probable cost.

A third class of preliminary work is the compilation of contracts and specifications to cover the work which has been surveyed and on which preliminary estimates have been made, as heretofore described. Contractors are thereafter invited to submit bids which usually include the submission of samples of the materials to be used, for examination by the Bureau. All samples requiring technical examination are turned over to the Chemist. Hydraulic cement, however, is sent to the Bureau of Sewers to be tested. If these samples are satisfactory the contracts are let to the lowest bidder and, after approval by the Comptroller, are ready for construction. The procedure for all classes of work, as far as bids, contracts and specifications are concerned, is the same both for assessment work and repaving work.

## II.—Construction Work.

Coming now to the second general class, namely, construction work, which is done by contractors and supervised by the Bureau of Highways, this may be subdivided into

1. Assessment work, which is in immediate charge of the same City Surveyor who made the preliminary surveys and estimates for the work; the Bureau, however, controls the same, as far as possible, through its Chief Engineer and the Inspectors who are appointed for the work. This class of work may be subdivided into what is known as:

(a) "Regulating, grading, curbing and flagging, etc., which is the technical name for the first work that is done when a new street is opened and under which work no pavement proper is laid on the roadway.

(b) "Paving, which consists of the first improvement made on the roadways of a street which has never previously been paved and covers various classes of pavements, namely:

"Sheet asphalt on concrete.

"Asphalt block on concrete.

"Granite block on concrete.

"As yet no wood block pavements on concrete have been laid as assessment work and the policy of the Department of late years has been to lay no new macadam streets."

In distinction from the assessment work is:

2. The repaving which is done when it may be decided for any one of several reasons, that the existing pavement on a street is undesirable or unsuitable for the environment or unfit, on account of wear, for the conditions of traffic. This repaving work may be either sheet asphalt on the present pavement (relied as a foundation) or on concrete, asphalt block on concrete, wood block on concrete or granite block on concrete. The Bureau controls this work through its own Engineers and the work is under the supervision of Inspectors of the Department. There is also provision for Inspectors to pass upon the material at the plant of the contracting companies, of which more will be said later.

On streets where the street railway companies have laid car tracks, said companies are liable for the cost of that part of the pavement which lies between and two feet adjacent to their tracks, on each side, both under assessment work and repaving work.

The Chemist of the Bureau occasionally examines samples of materials from the work in progress, but this is ordinarily done only when a question is raised concerning the quality of such materials either by an Inspector or an official from some other Department.

### III.—MAINTENANCE WORK.

This consists of keeping the pavements of all classes in good condition. The responsibility for this work is divided; the Chief Engineer of the Bureau having charge of the maintenance of sheet asphalt, asphalt block and wood block pavements, while the maintenance of the granite block, belgian block, macadam, cobble and unpaved streets is under another official called the Superintendent of Highways.

#### 1. Classification:

The maintenance work may be classified as follows:

(a) That which is done under the guarantee period of the contract, which is ten years for wood block pavement, one year for granite block pavement and five years for all other classes. All paving contracts contain a clause making the contractor liable during this period for the condition of the pavement and compelling him to make any repairs thereto which may become necessary owing to the ordinary wear and tear of traffic on the street, for which he receives no compensation other than the amount paid him for doing the work originally. He is, however, paid during this period for restoring the pavement over any "openings" made in the street in question, which will be described later.

(b) That which is done under maintenance contracts. These contracts cover only a certain class of paving at the present time, namely:

Sheet asphalt and asphalt block pavements.

When the guarantee period for such pavements has expired the City becomes liable for their condition, and so-called maintenance contracts for all work of each class are awarded yearly to the lowest bidder at a price per square yard, for the repair of all the streets named in the contract.

(c) A part of the maintenance of the pavements, particularly of those under the charge of the Superintendent of Highways, is accomplished by means of repair gangs in the employ of the City. Granite block pavements have a guarantee period of only one year, after which time they are handled by repair gangs, who also keep in condition the macadam pavements, the various stone block pavements, cobble and unpaved streets.

#### 2. Repairs due to:

There are various causes which make necessary the repair and maintenance of the City pavements.

(a) Wear and tear due to traffic. For this, as previously stated, the contractor is responsible during the guarantee period and the City

pays for the same under a maintenance contract after the guarantee period has expired.

(b) Every year the City has to pay astonishing bills for the repairs of injuries to pavements from bonfires and unknown causes, which will be the subject of a separate report.

(c) Openings in the pavements for which permits are issued. These consist of plumber's openings for water, gas, electric, steam and sewer connections, for which permits are issued in the office of the Cashier of the Commissioner of Public Works, the payment for the same being made at the time the permit is issued at certain regular rates.

Openings for building purposes, which are made by building contractors in the course of construction of vaults, etc., under the sidewalks.

Openings due to resetting curb, which are usually small and are made necessary whenever an owner determines to put in a concrete curbing and sidewalk to replace the existing or old curbing.

Openings to receive banner poles or guy posts, for all of which three classes of openings permits are issued by clerks under the Superintendent of Highways and are paid for at the time.

Corporation openings, which comprise openings made for the purpose of laying electric conduits, telephone conduits, gas or steam pipes and pneumatic tubes. Openings for track repairs and other purposes made by street railway companies also come under this heading; permits for corporation openings are issued by the Chief Engineer of the Bureau of Highways.

The corporations issue orders for the restoration of the pavement and make payment for same directly to the asphalt company, who is liable for its maintenance, the City exacting a bond from the corporation for the faithful performance of the work as described in the permit.

Openings are also made in the pavements by several City Departments, namely:

Department of Water Supply, Gas and Electricity,  
Rapid Transit Commission,  
Bureau of Sewers.

Permits for this work are sometimes issued by the Chief Engineer of the Bureau of Highways, and sometimes the pavements are opened by these Departments without permission.

In distinction from the preliminary, construction and maintenance work of the Department, we may consider that the inspection work which is done by the Bureau of Highways, although it is closely connected with both the maintenance and construction work, is, in a sense, a separate class of work. The regular Inspectors of the Department cover all classes of new work under construction, for the purpose of securing compliance with the terms of the contract and specifications. They also inspect streets and pavements for the purpose of determining whether repairs are necessary, and they oversee the work of making these repairs. There is, however, a class of openings previously mentioned, namely: Corporation openings, for which a separate and distinct class of Inspectors are appointed. These Inspectors are not regularly employed in the sense that the others previously mentioned are, but are appointed by the Borough President for the sole purpose of seeing that the openings made by the corporations are properly repaired. They are recompensed by the corporation which is laying the particular conduit in the street, and their appointment ends when the corporation has no further work for them.

What is true with respect to the liability of the street railway companies for the cost of new pavements between and alongside their tracks, is also true with respect to repairs.

The Bureau of Highways does another class of work which cannot be covered by the previous classification, namely: That of repairing sidewalks and fencing vacant lots.

The City owns the ground under the sidewalks, but the property owner is responsible for the condition of the sidewalk in front of his property. Inspectors are sent out by the Department to ascertain the condition of sidewalks, or to investigate complaints, and the property owner having been notified, makes the necessary repairs. In case he does not, after suitable notice, the City makes the repairs, charging the cost of same to the owner. The Department also has charge of taking care of the unimproved property of the City within the limits of the borough, in so far as fencing the same is concerned.

Another operation conducted by the Bureau of Highways is the issuing of vault permits, giving permission to property owners to use the portion of the street under the sidewalk in front of their property for a certain consideration. This is separate in character from the rest of the work performed by the Department, and is under a Clerk, who is responsible to the Superintendent of Highways.

#### Organization.

To accomplish the work as outlined above, the Bureau of Highways is organized as follows:

#### EXHIBIT.

Chief Engineer..... Chief Clerk..... 2 Clerks.  
Assistant Engineer..... Chief Inspector.  
Rodman.  
30 Inspectors (maintenance).  
Surveying parties..... Leveler and 3 Assistants.  
Leveler and 3 Assistants.  
Leveler and 3 Assistants.  
Chemist..... Assistant.  
2 Draughtsmen.  
Leveler (charge of Map Room).  
6 Inspectors (sidewalk repairs).  
40 Inspectors of Regulating,  
Grading and Paving.  
Stenographer.

Superintendent of Highways... Assistant Engineer..... Chief General Foreman of Pav-  
ing.....

General Foreman in charge of  
section..... Foreman and Assistant Foreman 2 Pavers.  
1 Rammer.  
3 to 4 Laborers.  
1 to 2 carts.  
Total of from 5 to 10 Foremen  
and Assistant Foremen, with  
gangs as above.  
Utility man.  
Messenger.  
Inspectors of Paving.  
Total of 6 General Foremen in  
charge of section, with sub-  
ordinates as above.  
2 gangs stationed at viaducts.  
General Foreman, territory north  
of 155th street..... 5 Foremen..... 5 gangs of Laborers, etc., aver-  
aging about 10 men each.

General Inspector of Roads....

Clerk acting as Chief Clerk.... 5 Clerks (various duties).  
1 Stenographer.

|   |   |   |
|---|---|---|
| General Foreman, territory south of 155th street..... | 7 Foremen.....                          | 7 gangs of Laborers, etc., averaging about 10 men each. |
| Shop Foreman in charge of Repair Shop.....            | Wheelwright, Painters, Carpenters, etc. |   |
| General Foreman of Yards....                          | 3 Yard Foremen.....                     | 3 Watchmen.   |
|   | 1 moving gang and carts.                |   |
| Foreman of West Side Yards..                          | 6 Yard Foremen.....                     | 6 Watchmen.   |
|   | 1 moving gang and carts.                |   |

With reference to this exhibit, it will be seen that the work of the Department is divided primarily between the Chief Engineer and the Superintendent of Highways. The Chief Engineer has charge of the preliminary operations and construction work of all classes. He also has charge of a portion of the maintenance work in so far as that work has to do with asphalt pavements, of whatever class, and wood block pavements. In addition to this, he issues permits for the openings made in the pavements by the City Departments and corporations desiring to lay or repair subsurface structures, and he attends to the repairs to sidewalks and the fencing of vacant lots. He also has supervision of the work done by City Surveyors (for his Bureau), and the Inspectors of Regulating, Grading and Paving, of which there are about forty.

The services of the two Draughtsmen comprise the preparation of maps and plans for repaving work and any general services that may be required by the Bureau. The Leveler in charge of the map room attends to the filing of maps, etc. The duties of the six Inspectors who attend to the repairs to sidewalks and fencing vacant lots, have already been explained.

It will be seen that the Chief Engineer of Highways has one Engineer as his Assistant for all of the work done by the Department.

This Engineer's work is confined almost entirely to maintenance, and the proper prosecution of the construction work demands that the Chief Engineer should be supplied with at least two additional Assistant Engineers, well versed in street and pavement construction.

Under the Chief Engineer is a Chief Clerk who has two subordinate Clerks, whose work chiefly relates to the bookkeeping features of recording payments, etc., to be made on contracts, the issuance of permits for crossing sidewalks, rendering assistance to the Chief Engineer in the matter of permits for corporation openings and also in the preparation of contracts, specifications, bids and the usual clerical work of the Department. The Assistant Engineer under the Chief Engineer has, as his subordinate, a Chief Inspector, a Rodman and about thirty Inspectors, and his work consists of the inspection and repair of the sheet asphalt, asphalt block and wood block pavements under maintenance. The three surveying parties in the schedule make the surveys and computations for estimates for all classes of work where such surveys are required by the Department.

The work of the Chemist consists almost entirely of the examination of material submitted with bids, and of material submitted by the Dock Department for technical examination. Occasionally he examines material for the work under construction.

The Superintendent of Highways is in charge of the maintenance and repair of the other classes of pavements not handled by the Chief Engineer. He employs for this purpose, Laborers and Mechanics (payroll force), who make the necessary repairs and keep the streets in condition. He also issues permits for certain classes of openings which have been previously mentioned, and governs the issuance of the vault permits.

His Assistant Engineer has charge of the direction of the operations comprised under the maintenance and repairs of unpaved roads and stone pavements. He directs the entire laboring force of the Department through the Chief General Foreman of Paving, the General Inspector of Roads and the General Foreman of Yards.

His office duties consist of the preparation of estimates of the quantities of materials used by the Department during the year. Of such materials, the principal items are paving pitch, gravel, broken stone, sand and cement. These are usually purchased under contract. Other items, such as tools, hardware, kerosene, paints, lumber, etc., may be purchased either on contract or on order, as occasion requires.

He also supervises the preparation of the payrolls and occasionally makes a vault survey, when the regular men who do this work are otherwise occupied.

The Chief General Foreman of Paving gets the instructions for his work from the Assistant Engineer, and receives reports of the General Foreman under his charge, whose operations he controls and directs in accordance with his instructions, and he also officiates as General Foreman of a section.

The General Foreman of a section has control of from five to ten Foremen with gangs, and supervises their work.

He has as well, in his office, a general utility man, who does clerical work and miscellaneous work, and acts in the place of the General Foreman of a section when he is absent. He has also a Laborer who serves as a messenger, and from two to three men with various titles, who are detailed for the inspection of the condition of all classes of pavements, but who are distinct from the regular Inspectors of Maintenance under the Chief Engineer, in that they do not attend to the work of supervising repairs.

The Foreman of a gang under the General Foreman of a section, has charge of the immediate work of repairs of whatever nature, on the street, and is in charge of an Assistant Foreman and a gang consisting of Pavers, Rammers, Laborers and carts.

The City is divided into six sections, over which the Chief General Foreman of Paving has charge, and each General Foreman has from four to ten gangs, with Foreman, under him, making a total for the number of men employed in this branch, of approximately 400 men. The Chief General Foreman of Paving also has control of two gangs of men who are stationed at the Viaduct at One Hundred and Fifty-fifth street and the Manhattan Viaduct.

The General Inspector of Roads covers in his work, the repairing and maintenance of so-called unpaved streets in which macadam pavements are included. He repairs the wear and tear due to traffic, sprinkles and performs the duties of the Street Cleaning Department on all macadam streets, in so far as cleaning them is concerned.

At times he also removes the snow from certain thoroughfares where the property has not been built upon to any great extent. He has under him two General Foremen, one for the district north of One Hundred and Fifty-fifth street, and the other for the district south of One Hundred and Fifty-fifth street, and a shop Foreman, who is in charge of the repair shop of the Department.

The two General Foremen have under them, together, twelve gangs of men, with Foreman, a gang averaging about ten men.

The class of men employed in the shop comprise Wheelwrights, Painters, Carpenters, etc., who repair carts and tools of the Department and perform various other duties.

The Chief General Foreman of Yards, as his name indicates, has charge of the Corporation Yards for the storage of materials used by the Bureau, etc. He has under him, two Foremen, one for the west side and one for the east side of the City. The west side Foreman has three yards under his control, together with what is known as a moving gang, with their carts.

The east side Foreman has six yards to look after and a similar moving gang. Each yard is directly in charge of a Yard Foreman and one or more Watchmen, depending on the necessity for same.

The office and clerical work of the Superintendent of Highways is done by six Clerks, under an official, virtually acting as Chief Clerk. This work is mainly that of issuing various classes of permits, including vault permits, the preparation and examination of vouchers for all expenditures of this part of the Bureau, and a considerable amount of miscellaneous work.

#### CRITICISM AND RECOMMENDATIONS.

##### I.—Preliminary Work.

###### 1. Assessment Work—

The surveys for assessment work should be made by the Department, rather than a City Surveyor.

This, however, at the present time, is a matter which is governed by a City ordinance. The employment of a City Surveyor is a relic of the time long past, when the Department of Public Works was without any engineering supervision except that obtained by engaging private assistance of this nature.

The advantage of having such work done by the Bureau of Highways is obvious, inasmuch as the function of the City Surveyor is nothing more than that of Assistant Engineer to the Bureau.

In the exercise of his duties the City Surveyor provides the Bureau with certain plans of the work and an estimate of the total quantities of material to be used or handled and the work to be done. Oftentimes he does not provide the City with all of the data that is essential for a proper checking of his estimates. His records, in the form of measurements and notes made in the field, are peculiarly his own property, and yet in all work of an engineering nature they are often of the greatest importance to the Bureau in subsequent computations, or where questions may arise concerning the amount of the work. This often appears very prominently when the contract under question is brought into Court through a lawsuit instituted by the contractor. The City is then dependent on the pleasure of the City Surveyor for information which it should have as a part of its own records.

Particularly is this true with regulating and grading contracts where there may be earth with underlying rock to be excavated. The City Surveyor in this case usually makes a statement giving the total estimated quantity of the rock to be taken out, but often provides the City with no records of the location of the rock as found—that is, sufficient detail so that the amount of same can be computed and checked independently of the quantity of earth.

For example: Under the present methods of a majority of City Surveyors, the amount of rock to be excavated, if there be any, is usually determined by making soundings to locate its position at intervals of about every 50 feet over the length of the work, with sometimes only one sounding to a section, and the process employed is to drive down a bar with a sledge until it meets resistance, the determination of the character of which is liable to be uncertain. Soundings taken at such great intervals cannot possibly determine, with anything approaching accuracy, the amount of rock that there may be in the street, as any one familiar with the conditions under which rock is found on Manhattan Island will appreciate.

Instances have been known to us in former years where the amount of rock has simply been guessed at without making any attempt at its actual determination. There is always likely to be trouble over this matter of rock excavation, particularly if the discrepancy between the amount of rock originally estimated and the amount actually found is considerable. A lawsuit by the contractor is often the result.

As early as 1896, in various reports, we have called attention to the fact that:

"Surveys and superintendence of the work should be done by an engineering force in the regular employ of the Department of Public Works, and not by City Surveyors."

The plans submitted as a record of the surveys by the City Surveyors often fail to show the elevation of the original surface of the ground alongside and adjacent to the lines of the street. This, where the street is in heavy excavation or embankment, and the original surface of the ground is not uniform, makes it impossible to properly compute or check the quantities of earth and rock in the side slopes of the street.

The construction of retaining walls, designed and supervised by City Surveyors, is very likely to be a menace to the safety of persons and property, unless the City Surveyor is particularly competent and has had experience in this line of work. Instances are not lacking, even in recent years, where retaining walls built under such supervision have failed.

A glaring instance of incompetence in the design and construction of a retaining wall by City Surveyors occurred in 1902 and 1903, when an existing masonry wall was increased in height some 12 or 15 feet by the simple expedient of adding that much to the top of an already fully loaded old retaining wall. The failure of the wall was inevitable, and occurred immediately after the first severe rainstorm. That such a case could be possible is almost incredible. The design of this wall was approved by the Chief Engineer of the Department.

After the failure of this wall it was discovered that the construction of the old wall was criminally faulty, but this does not excuse the poor design for the method of increasing the height of the old wall. The old, as well as the new work, was done under a City Surveyor.

The character of these surveys for all classes of work should be more comprehensive than they are at present. The more accurate the surveys and estimates are, the more valuable they become as a basis for bidding and determining in advance the cost of the work.

When the bidder knows that the quantities stated in the preliminary estimate of the contract are liable to be inaccurate, he invariably increases the total amount of his bid to protect himself in the event of having to do more of a difficult class of work than would be anticipated from an inspection of the estimated quantities. In consequence the City is always the gainer in the direct ratio of the accuracy of such preliminary estimates.

Such inaccuracies in the estimated quantities are often responsible for unbalanced bids, particularly if the contractor is familiar with the locality from having previously done work there and is in a position to know that one or more of the items are likely to be much greater or less than the figures stated in the preliminary estimate.

While the City protects itself by stating that the quantities in the preliminary estimate are approximate only, this in no way exculpates the engineer in charge of such work from making the most accurate estimate possible up to the limit of practicability.

A few dollars expended in additional work on preliminary surveys will often save many thousands of dollars in the construction work that may come afterwards.

It is likewise a common occurrence for the final estimate (which shows the total quantities of work actually done) to show a large increase in quantities over those in the preliminary estimate, which will be impossible if the original estimates are based on careful surveys. Such a condition is often the result of constructing streets in embankment over soft or marshy ground. Under such conditions borings should be made to determine hard bottom under the marshy surface, and experiments to show the amount of settlement or sinkage that may be expected.

Instances are few where such procedure would not have prevented consequent litigation. To cover this condition, the contract often requires the contractor to name a lump sum for all material which may sink below the original position of the ground surface, or he may be required to furnish the necessary material without being paid for it as such. Either way it is unfair to the contractor and is simply an acknowledgment of the incompleteness of the Bureau, or a disinclination to perform its legitimate work.

Other irregularities on construction work, due to City Surveyors, consist principally of faulty work in respect to the quality of materials used, errors in locating grades and carelessness in making monthly estimates without taking measurements of the work done. All of these are of common occurrence.

If a City Surveyor should happen to be an unscrupulous man, he would be in a position to dishonestly certify to work that has never been done by the contractor. Such overcertification in final estimate is not easy to discover when the record of the work is the personal property of the City Surveyor, and the Finance Department's officials and Inspectors, as well as those of the Bureau of Highways, have been known to pass such overcertification either through inability to determine the correct amount or through lack of discernment. If the final estimate is certified to by the officials of the Bureau of Highways, the contractor has legal precedent for recovering money for all such work certified to.

Instances of the above will be found in the cases of *Brady vs. The Mayor*, 132 N. Y., 415; *Smith vs. The Mayor*, 12 Appellate Division, 391, and *Quinn vs. The Mayor*, 16 Appellate Division, 408, the ruling of the Court in the latter case being as follows:

"The certificate of the Engineer and the acceptance of the Commissioner of Public Works are the criteria by which it must be judged whether the work was good of its kind, and if that certificate has been given and the work has been accepted then in the absence of fraud or palpable mistake, the plaintiff may insist upon the certificate and the defendant cannot question it."

In consequence, the importance of properly made and properly certified estimates is apparent.

The amounts annually paid to City Surveyors for their work under the Bureau of Highways would amply provide for the salaries of additional regular engineers and inspectors on the staff of the Bureau, whose services would not be confined to this class of work alone.

Another feature of preliminary work which calls for comment is the matter of grade intersections. At the present time the official grade map of The City of New York indicates the grade at the intersection of two streets by means of a single elevation at the point where the centre lines of the two streets intersect. If the grade of the two streets does not vary materially from a plane this method is satisfactory, but if either of the streets have an appreciable grade at the point of intersection difficulties at once arise in arranging for the grades of the curb corners at the intersection. It is the universal custom where the best systems of grade intersections are in vogue to establish the official grades at the curb corners rather than at the centre of the intersection, which provides for every contingency of this nature which can arise.

## II.—Repaving.

With respect to the selection of the class of pavement to be laid on any street, it is interesting to note that almost every wood block pavement has been laid at the request of an organization known as the Truck Owners' Association.

An illustration of the influence of this organization appears in the fact that when it was first contemplated to repave lower Broadway, an asphalt block pavement was recommended, but this was afterwards changed to wood block pavement at the instance of the Truck Owners' Association.

The authority for the two statements just made is the present Chief Engineer of the Bureau of Highways.

With respect to the surveys and estimates for repaving work, it may be well to call attention to the fact that the existing curb grades very seldom conform to the official grade map. This is partly due to the present scheme of grade intersections, as mentioned above, and partly due to carelessness of the bureau in not checking the curb as originally set, to see that it conforms to the official grade. When surveys are to be made for the purpose of letting contracts for repaving, this matter of grades is one that cannot be adjusted in any exact manner to conform to the official grades on account of the various conditions of intersecting streets which have either already been repaved to a grade which is at variance with the official grade, or for other reasons it is impossible to set the curb of the street to the proper elevation, and in consequence it becomes necessary to employ the so-called "rule of thumb" method by which the Engineer making the survey and plans adjusts the grade of the proposed improvement to conform as closely with the existing and the official grades as is possible without departing any further than necessary from either. This method has an effect at once not pleasing to the eye and often very injurious to the property owner as well as decidedly disagreeable to the pedestrian. For instance, if the adjusted grade of the curb, as is often the case, is several inches

(sometimes as many as five or six) above the previous position of the curb it converts the sidewalk at once into either a wide gutter or a basin, which in rain storms produces a running stream or a puddle. The property owner, of course, may be notified by the City to repair and change the grade of his sidewalk, but oftentimes this is not possible without entirely readjusting the matter of area walls and portions of the building which may be on the property. It is reasonable for any property owner to assume that the curb in front of his property on a paved street is on the correct established grade, particularly if on inquiry at the bureau he finds that no information on this subject can be given him, or, if he finds, by employing a Surveyor, that the curb is at the established grade. Now under the method for adjusting the curb grades, as above described, this curb, although at the correct elevation, may be changed by the Engineer who makes the surveys on account of various other conditions to which it is quite essential that he conform.

## III.—Specifications.

The following comments have to do with those parts of the specifications which define the materials to be used, the quality of the same and indicate how the particular work is to be performed. The former is secured by prescribing tests, etc., applicable to both materials submitted with the bids and similar materials supplied during the progress of construction.

For purposes of passing on such material as may require special technical tests, a Chemist is employed, but the examination made by him is almost entirely confined to the samples submitted with the bids, as previously noted. While it is essential that the material which a bidder proposes to use should be of the proper quality, it is still more essential that the materials which he actually uses in the work should conform to his samples. If the material that is supplied to the work is not constantly examined in the laboratory (except when it may be so bad that its character is manifest from superficial observation), the contractor is the first one to take note of this fact. In consequence, if he chooses to take advantage of this condition there is nothing to prevent him from using other materials which do not conform to the requirements of the specifications, provided he does not carry the procedure to an extreme. We would insist that the bureau is seriously at fault in not continuously examining in its laboratory all classes of material which require a technical investigation for the determination of their character.

It became apparent, during our examination of the reports of the Chemist on material submitted with bids, that he had full knowledge as to which contractor had submitted any particular sample or set of samples delivered to him for analysis. We cannot too strongly condemn this practice which may tend to prejudice his findings, and we see no reason why any samples should be submitted or examined before the bids are opened.

It appears entirely feasible to us that samples might be submitted only by the successful bidder, who could be notified to that effect at the convenience of the President of the Borough, immediately after the opening of the bids. If such samples on analysis should not comply with the requirements of the specifications, the next highest bidder should be notified to submit samples. This procedure would greatly facilitate the work of the Chemist who would be enabled to devote considerably more time than at present, to the examination of samples from the work under construction, and save much unnecessary laboratory work.

The present specifications are inadequate in many respects or contain certain non-essential clauses or entirely nullify other clauses by giving the Engineer discretionary power to accept work or materials that may be satisfactory to him, although these same materials may differ entirely from those already fully defined in the same clause of the specifications. Instances of such conflicting clauses will be given later.

It is readily recognized that it is impossible for the City to secure good work under its contracts without proper specifications; it is, however, impossible to get good results under the best of specifications unless these are properly enforced by competent honest inspection.

### (a) Specifications for Sheet Asphalt on Present Pavement Relaid for a Foundation, or on a Concrete Foundation.

The relaying of the old stone blocks (the original pavement of the street) as a foundation for a new sheet asphalt pavement does not give satisfactory results, except as a matter of economy in first cost. To begin with, no pavement of granite blocks would be accepted by the City if laid in the manner that these old paving stones are relaid for the foundation of the new pavement. The blocks are loose and poorly tamped and yet they are expected to form a suitable foundation for a pavement whose main characteristic is its mobility in moderately warm weather. The City can well afford to pay for a suitable concrete foundation for every square yard of its pavement, particularly under sheet asphalt which is the pavement most affected by the condition of its foundation. Most of the defects due to the depressions noticeable in sheet asphalt pavement on a relaid stone block foundation, and which appear under traffic, are due to the instability of the foundation.

In all of the pavements where asphalt is used the specifications require at the present time that, this asphalt shall contain 90 per cent. of bitumen. The fallacy of such a requirement becomes obvious when it is understood what is meant when the asphalt is required to be 90 per cent. bitumen, and the process of making an asphalt pavement surface is known.

In explanation, the portion of the refined asphalt, which is not bitumen, is always finely divided mineral matter, nothing more or less than very fine sand or dust. Now in the manufacture of a sheet asphalt wearing surface, the asphaltic cement (which is composed of refined asphalt and heavy petroleum oil) is mixed with anywhere from 88 to 91 per cent. of sand. For the purposes of sheet asphalt, part of this sand must be very fine, and it is obvious that it makes no difference whatever whether a contractor, to produce the results that he desires, should use a somewhat larger portion of the asphalt which contains a percentage of mineral matter greater than 10 per cent., reducing his amount of sand in proportion, or whether he employs the asphalt which contains less than 10 per cent. of mineral matter and increases the amount of sand that he uses. In other words, in the one case some of the sand is already mixed with the asphalt and in the other case the specifications require that it should not be there originally, but that he mix it in.

This clause excludes the asphalt from one location in particular, namely, Trinidad, which has been used probably to a larger degree than any other asphalt and has been made into excellent pavements in many cities of this country. As a matter of fact, good pavements have been made with almost every class of natural asphalt on the market, it being a well known fact among asphalt pavement manufacturers that the manipulation of the materials has considerable more to do with the durability of a pavement than the quality or kind of the actual components.

We still insist on our contention mentioned in previous reports, that the exclusion of Trinidad asphalt by the specifications of the Bureau is unwarranted.

Another part of the clause which denies the characteristics of the asphalt, requires a certain amount of the bitumen of the asphalt to be soluble in petroleum-naphtha. It is our contention that this requirement has little or nothing to do with the quality of the material or the durability of the pavement made from it. Moreover, there is appended to this clause an alternative which entirely nullifies its value if the alternative is exercised. This alternative statement provides that if the bitumen does not contain the required percentage soluble in naphtha, but is satisfactory in other respects, the deficiency may be supplied by other means satisfactory to the Engineer, such as will bring it up to the required standard. It is, therefore, plain that under the present ruling the former portion is either unnecessary, or, if necessary, should not be subject to change.

The portion of the same clause which requires that the refined asphalt shall not be affected by the action of water should be omitted. Any asphalt paving mixture is liable to eventually be affected more or less by the action of water, but if properly manipulated in manufacture, its susceptibility to deterioration from this cause is slight, especially if the subsoil is properly drained.

The requirements for the heavy petroleum oil used in the preparation of the asphaltic cement really defines what is known as a reduced oil. This material is one of the most valuable lubricating agents known, and there is no such material on the market which could be used for paving, except at prohibitive prices. There is no occasion for such oil to be used. The specifications should call for petroleum tar free from water, light oils and paraffin oil as far as practicable.

The tendency in specifying such material should be to secure a heavy oil rather than a light oil. The tests, as stated for the petroleum oil, are somewhat superlative in character. It will be sufficient to specify that such material should not contain an appreciable amount of volatile matter under 300 degrees Fahrenheit. The alternative clause, which provides for the use of flux or other softening agent, should not require the approval of the Engineer, but should state that malta or mineral tar may be used, provided it conforms to the above tests prescribed for petroleum tar. The clause with respect to asphaltic cement should require that the same be composed of refined asphalt, fluxed if necessary with petroleum tar, malta or mineral tar. These should be melted together at a temperature not to exceed 350 degrees Fahrenheit, and so completely blended by agitation that when cooled, small fragments shall not leave an oil stain on white paper, or when melted and poured into water, the oil shall not separate and float in the water. The proportion of fluxing material to refined asphalt is a matter of technical experience, depending upon the character of the materials used, and consequently no hard and fast rule can be laid down, but they may be required to be such as shall provide for a consistency which will result in the wearing surface complying with these specifications in other respects. It is believed by us in this connection that a penetration test at fixed temperatures will furnish a suitable means of determining whether such proportions are satisfactory or not. The clause which defines the same to be used should require that it contain a minimum percentage of voids, the same to be secured by suitable grading of the sizes of sand particles. This grading matter is one which of late has received much more attention than formerly from Engineers in general, and it is safe to say that definite requirements for the proportion of the various sized grains to accomplish such result could be made. The function of the "inorganic dust" is largely to reduce these voids, although it has a certain effect on the absorptive effect of the mineral aggregate which is not well understood. The present clause is not sufficiently definite and may include unsuitable material. From present experience this inorganic dust should be itemized as "pulverized stone dust," preferably limestone made from clean, hard unweathered stone.

The durability of this pavement, especially with respect to its deterioration from the effect of water, is dependent principally upon its density, which in turn depends upon the percentage of voids in the component materials, and the degree of compression to which the pavement may be subjected in construction.

The clause which describes the wearing surface also states that the percentage of bitumen soluble in carbon bisulphide should not be less than 9½, nor more than 12 per cent. The experience of this office leads us to believe that this limit should be increased to 9 per cent. and 13 per cent., respectively. We also believe that in the portion of the contract where bidders are required to submit samples with their bids, that the same should include the submission of a specimen of the wearing surface as it will be laid complete on the work and should be accompanied by a certificate showing the component materials and their proportions by weight. We have also to suggest that, inasmuch as the durability of the wearing surface is the main factor to be considered in these specifications, that tests of the wearing surface as a whole would be more valuable than tests of its component materials. We believe that such tests are practical, and hope to be able to eventually recommend methods by which this may be accomplished.

The method of analysis in use by the Chemist of the Bureau in the determination of the percentage of bitumen in asphalt paving mixtures is inadequate, and is liable to produce inaccurate results for the following reason: That in such determination the mineral residue, which he obtains by the evaporation and ignition of the solution of bitumen in carbon bisulphide, he considers as a portion of the mineral aggregate of the pavement mixture, thereby reducing the percentage of bitumen.

Now, the liquids in which bitumen is completely soluble also dissolve the organic salts of mineral bases which may be components of the bitumen. When the solution is evaporated and burned off a mineral residue remains, which consists of the flakes of aluminic and ferric oxides. Such a residue may also be obtained by precipitation from a perfectly transparent solution of bitumen in carbon bisulphide, using petroleum ether in large excess and burning off the precipitated organic salts. This material is not a finely divided clay or mineral matter, but is a constituent portion of the bitumen and should be considered as such.

The method employed by the Chemist of the Bureau to distinguish natural from artificial asphalts, and also the natural asphalts among themselves, consists of a series of various tests in which a so-called impact test plays an important part. This test is made on the asphaltic cement which contains other materials besides the required natural asphalt. It is our contention that such a test cannot be of constant value, owing to the possibilities of variation in the character and quantity of the flux employed.

The Chemist admits frankly that he had no experience in this class of work previous to his appointment in the Bureau, and has made the theories and methods of Mr. Clifford Richardson, the Chemist of the Barber Asphalt Company, the criteria of his work. He also states that he has never been consulted, nor has he advanced any ideas, as to the adequacy of or necessity for change in the specifications.

#### (b) Specifications for Asphalt Blocks.

The clause with reference to the size of the blocks for use in this Borough requires them to be 5 inches wide, 3 inches deep and 12 inches long, but permits a variation of one-fourth of an inch from these dimensions.

It has been the contention of this office, and of several manufacturers, that it is not a difficult matter to produce blocks of almost uniform size considerably inside

of this limit. As an extreme example: A block 2½ inches in thickness would be acceptable under the present clause, likewise one 3½ inches in thickness, but when they are put together on the street the difference in elevation between the two on the same foundation would be half an inch. It is obvious that such a difference is altogether too great, and would materially assist in the deterioration of the pavement, inasmuch as such depressions are the primary cause of the decompositions of any asphalt block pavement.

A practical illustration of the above may be instanced in the contract for repaving Broadway, from Havemeyer street to Lafayette avenue, Borough of Brooklyn. Here, although the blocks were inside the specified dimensions, and consequently had to be accepted, the appearance of the surface of the street was irregular in the extreme. This pavement, after having been laid a very short time, completely disintegrated, and while the principal reason for the same is found in the character of the blocks themselves, the initial action of disintegration, as well as the rapidity with which the street went to pieces, must be credited to the irregular sizes of the individual blocks.

The Borough of Richmond has recently made changes in its specifications for asphalt blocks, and has reduced this limit of variation to one eighth of an inch, which is in no way a hardship on the manufacturer.

The clause referring to asphaltic cement is essentially the same as the corresponding clause under sheet asphalt specifications, which have already been commented upon.

In defining the character of the crushed stone to be used in the manufacture of the blocks, it would seem reasonable that either a trap or fine-grained, unweathered granite, essentially free from mica, might be used, if desired, the only qualifications for such stone being that it must be durable and crush into approximately cubical shapes.

The size of the stone is governed simply by specifying its maximum size. This is hardly sufficient to provide for the best results, except that the manufacturer, in view of his own interests, may see to it that the particles of stone are properly graded. The method of crushing and storing the mineral aggregate should be such as to avoid any serious separation of the several sizes of stone particles. In order to obtain the greatest possible density in an asphalt block, it is highly essential that the mineral aggregate should contain the minimum percentage of voids. Analyses of the best class of asphalt blocks show that this condition is closely approximated. It is quite possible to require certain percentages of various sized particles when it is known what percentages of these sizes will produce in the most effective manner an aggregate with the minimum percentage of voids.

We already have data on hand in reference to this very important feature, as the result of a research commenced some time ago, but pressure of other work has prevented its full development. However, we are in a position to give the following figures for the grading of the stone sizes, which may be of value:

Mineral Aggregate of Asphalt Blocks for Minimum Percentage of Voids.

| Size of Material.   | Percentage. |
|---|-------------|
| Passing 200 sieve.....  | 11.4        |
| Passing 100 sieve, retained on 200.....                                 | 3.0         |
| Passing 60 sieve, retained on 100.....                                  | 5.5         |
| Passing 40 sieve, retained on 60.....                                   | 5.5         |
| Passing 30 sieve, retained on 40.....                                   | 5.2         |
| Passing 20 sieve, retained on 30.....                                   | 7.1         |
| Passing 16, sieve, retained on 20.....                                  | 4.1         |
| Passing 10 sieve, retained on 16.....                                   | 3.0         |
| Passing $\frac{1}{8}$ -inch sieve, retained on 10.....                  | 16.2        |
| Passing $\frac{1}{4}$ -inch sieve, retained on $\frac{1}{8}$ -inch..... | 29.0        |

These percentages include the stone dust which may be added.

The specifications require pulverized carbonate of lime in filling the voids in the mineral aggregate, but this term, pulverized carbonate of lime, is a misnomer, inasmuch as the only material which could properly be used under this name would be almost pure marble dust. What is undoubtedly meant is pulverized limestone.

In view of the fact that the specifications require the asphalt used in the asphaltic cement to contain 90 per cent. of bitumen, the proportions of the materials as required for asphalt block, give limits which are wider than should be allowed. However, if Trinidad pitch was not excluded these proportions are not unreasonable.

We refer particularly to the proportions of asphaltic cement, namely, 6 to 11 parts. If Trinidad pitch is used the natural mineral content of the same necessitates the larger figure, whereas if the asphalt is nearly pure bitumen, the smaller figure approximates more closely to usage.

We believe that in the portions of the contract asking for samples that there should be required from the manufacturer a certificate naming the materials used in the manufacture of the block and the proportions of its ingredients by weight.

Our experience in this office has shown that the percentage of bitumen soluble in carbon bisulphide might be changed to advantage from the present limits of 5½ to 7½ per cent., making them instead of 6 to 8 per cent. This is based on the analyses of the best samples of blocks which have been received in this office for a considerable period of years.

In the determination of this percentage the Chemist of the bureau uses only ten grammes of the material. It is apparent that, owing to the variation in size of the particles of the mineral aggregate of the blocks, such a small amount may produce considerable difference in duplicate tests. We recommend using at least 100 grammes for this determination.

The specifications include particularly indefinite tests with respect to specific gravity, abrasion, crushing and tensile strength. It is obvious from a perusal of the clause containing these requirements that the maker of the specifications felt the need of suitable tests on the completed block, but lacked the knowledge to specify the same, inasmuch as such tests are mentioned only by name, and the Engineer is made the judge of what these tests shall consist of. Abrasion, tensile and crushing tests of asphalt blocks have never been made, so far as our knowledge goes, by any officials of The City of New York. There is one asphalt block pavement company which has made certain tests with respect to abrasions. The value of these tests is undoubtedly great, provided that the manipulation can be made under such conditions as to provide comparative results at fixed temperatures.

The determination of the proper specific gravity of the block is, on the other hand, a very simple matter.

The density of the block is dependent on several conditions: the character of the materials, the amount of compression that has been given to them and the

percentage of voids. Of the three, the present methods give satisfactory results in general for the first two. The percentage of voids, however, is one of the most essential features that has to do with the durability of the block, and under present conditions the specific gravity of the block is more largely dependent on this than any other feature. In consequence, we believe that it will be of the greatest value to require that the blocks shall not contain more than a certain percentage of voids. This, of course, means that the specific gravity must be determined. The two are interdependent.

Our experiments on this subject have not been concluded, but we hope in the near future to be able to recommend a definite figure for this requirement. For the present, however, we would recommend that a specific gravity of not less than 2.50 be required, the test for the same to be made on full size block. The clause requiring the blocks to be of a certain weight is unnecessary, when the test just mentioned is required.

While the Chemist of the bureau does not make specific gravity determinations as a test for the acceptance or rejection of a block, since the Bureau has no definite requirements for the same, either in the specifications or according to the opinion of the Chief Engineer in whom is vested such authority, he states that nevertheless he has made certain comparative experiments along this line, using only small fragments of a block, in which proceeding the liability to error is considerable, owing to the difficulty in eliminating air bubbles adhering to the fragment, for which he states he made no especial provision.

We would also recommend that abrasion tests be carried on under supervision of the Bureau of Highways for the purpose of developing another characteristic of the block, which is of the greatest importance.

On one or two occasions the Bureau of Highways has sent samples of asphalt blocks to a technical testing laboratory for the purpose of making abrasion and crushing tests, but the results of these tests, if of any value, have never been used in connection with the specifications.

With respect to the discretionary power of the Engineer to prescribe such tests, we are informed that with the exception mentioned above this has never been done.

#### (c) Wood Block Specifications.

In the instructions to bidders, under this form of contract, samples are required to be submitted to the President of the Borough five days before the bids are opened. We believe that such a clause is liable to interfere seriously with competition. It may have a very perceptible effect on the number of prospective bidders if they are able to find out by any means whatever who their competitors are likely to be. While we do not say that this is the case, the above requirements make such a condition possible, and should be carefully avoided. This is the only instance and the only borough where at the present time such a thing is done under any form of contract issued by the Bureau of Highways, and we can see no reason why it should be necessary. This matter of when samples should be submitted has been treated in a preceding clause of this report under discussions of Specifications, on page 22.

The portions of the specifications which have to do with the definition of the pavement proper, that is, the wood blocks, did not originate with any of the officials of the Bureau of Highways.

We are informed that they were submitted by an official of the United States Wood Preserving Company (who are the largest contractors for wood block pavement), and were accepted by the bureau without change. Moreover, no attempt has been made by any official of the borough who might be interested to determine whether such specifications were adequate to provide the City with proper wood blocks, or whether they contain clauses which should prevent other bidders from entering into competition.

We believe that the department is seriously at fault in not having made a study of this matter at the first moment when the laying of wood block pavements in the City was contemplated, and in view of the relatively enormous increase in the area paved with wood block, some action in this direction is imperative.

The Bureau has, however, recently made some radical changes in the specifications. These changes will not be effective before the first contracts which are let in 1907, but it is interesting to note the reasons for the same.

The wood to be used was required in the former specifications to be of long leaf yellow pine only. The change has included Norway pine, black gum and tamarack as well. This change was made by the Bureau as the result of investigations reported by the Department of Agriculture of the National Government. It remains to be explained how the cost of such materials may compare with their durability and suitability for such work, the cost of untreated yellow pine wood averaging 15 per cent. more than black gum.

The Chemist of the Bureau of Highways states that black gum wood blocks absorb considerably more water, and appear to be more porous than yellow pine blocks. They also do not appear to be as completely filled with impregnating or preserving material, namely, creosote and rosin mixture.

The other changes in the specifications were made at the request of the same official of the United States Wood Preserving Company, who furnished the original specifications. This request was made in a letter sent to the President of the Borough, and the changes include the reduction of the amount of rosin used in the preserving mixture from 50 per cent. to 25 per cent. We are informed that the reason for this change was an increase in the price of rosin, and the fact that under the former mixture, which was half rosin and half creosote, after the blocks had been a short time on the street, the impregnating material began to ooze out of the pores of the blocks, making the pavement especially slippery.

The character of the creosote oil was also changed by changing the tests for the same. The new specifications evidently call for a heavier oil, but the reasons for this change are not known.

The specifications stipulate that the creosote shall be a heavy oil of coal tar. We do not see any reason why dead oil or creosote derived from the distillation of wood (which has been extensively used to advantage in the past) should not also be permitted. This would have a tendency to increase competition.

The clause prescribing the method of testing treated blocks states that fine turnings shall be used for analysis of the block. Our experience in this office, if we understand the meaning of the term, "fine turnings," has shown that such material, which is taken at random from the outer portions of the block, is not by any means representative of the block as a whole, and we believe that this is not a proper method of disclosing the nature of the block and the thoroughness of its treatment with the impregnating material. We have used sawdust, obtained from cutting the block entirely through in several places, which provides material representative of the entire cross section of the block at that place.

The solvent suggested in this clause is dangerous to use and we would recommend in its place, acetone, which is a complete solvent for all the ingredients with which the wood cells are filled both naturally and artificially, and is comparatively safe.

It is quite possible that the change in the kind of wood to be allowed may have a serious effect on the durability of the wood block pavement. Yellow pine contains naturally a maximum of rosin, which fills to a large degree the pores of the wood, whereas black gum contains no rosin, and the effect of the impregnating material on the two kinds of wood might be quite different.

The clause relating to the method of treatment of the block requires that not less than 20 pounds of the preserving fluid per cubic foot of wood shall be injected. This is impossible with some kinds of wood and may not be sufficient for others, in consequence, the specifications should require that the pores of the wood should be completely filled with the preserving mixture.

According to the opinion of some manufacturers of wooden paving blocks, it would seem to be better that the blocks should not be submitted to the action of hot air at high temperatures during the treatment for drying, since this renders the wood brittle and promotes checking. Live steam at a pressure of about 20 pounds per square inch would be more suitable for this purpose during the initial stages of drying.

The guarantee period for wood block pavement has been set at 10 years. All of the other pavements in the City are under a guarantee period of 5 years or less. It is readily understood that the 10-year clause was placed in this particular contract on account of the lack of information as to the durability of the material, the Bureau feeling that it would be much better to make the contractor liable for a longer period of years under these conditions. It has been frequently demonstrated that the increase in the length of the guarantee period was directly productive of an increase in the first cost of the pavement, and we believe that better protection at a reduced cost to the City could be accomplished if the guarantee period was reduced to the same as for other contracts, and a clause was inserted in the specifications requiring the contractor, if the area of the repairs during the shorter period were more than a certain percentage of the total surface paved, that he should either replace the entire pavement, or if the area of repairs were greatly beyond this limit, that he should repave the street with another class of material, as might be directed by the President.

#### Concrete.

The specifications for all classes of pavements allow the use of so-called continuous mechanical mixers in the matter of concrete to be used for foundations. This office has always opposed the use of such mixtures on account of the character of the resulting material. We believe it to be in the best interests of the pavement to require that the concrete shall be mixed either by hand or in a batch mixer.

#### Bids.

Bids should be advertised for and contracts awarded as early in the year as is possible, in order that the construction work of the department may be carried on at such times in the year as are best adapted for it. This will also allow successful bidders to arrange for the purchase and delivery of materials which they may have to use in their work, under the most favorable conditions. This will both tend to prevent delays and secure a better class of work. It often happens that concrete foundations for pavements are being laid at such times in the year that they are liable to injury from freezing weather; such weather is also a poor time to lay sheet asphalt pavements, and yet work of this character is every year carried on until late in the winter.

#### II.—Construction Work.

This work being almost entirely that of supervision of the operation of contractors, the Inspectors of the Department, who are the men immediately in touch with the work, should be of the highest grade, both as regards competency and honesty. The former is not always the fact. From our own observation we know how sadly the Department is lacking in such qualifications of its Inspectors, and a reasonable estimate would place only about 50 per cent. of the Inspectors in the competent class. The character of the work depends almost altogether on the Inspector's knowledge of what good work should be and his ability to enforce the specifications.

Work of all classes has been found by this office to be in serious violation of the specifications, although the Inspector might be continuously present on the work.

##### I. Assessment Work—

The principal defects in assessment work have been:

(a) Regulating and Grading—Where rock has been encountered in the excavation of a street, the same has often not been excavated to subgrade. Improper material, principally stone of large size contrary to the specifications, has been used in making embankments, and the voids between these large stones have not been filled, causing settlement of the surface of the completed work after a short time.

A poor quality of curbing and flagging is usually used, and the workmanship on the same is of the poorest. The official grades of the curb, which govern the rest of the street, are often not adhered to for reasons partly due to faulty inspection, and partly to existing grades of intersecting street.

The location of the curb, with respect to its grade, is not always checked by the bureau. This is the one cause of the condition previously explained under preliminary work for repaving operations.

(b) Paving—The same criticism of the curb as above, applies to paving work. Where concrete foundations have been required for the curb, they are usually very poorly laid and rarely with the prescribed thickness of concrete. An extreme case required intervention by this office, and the removal of the entire curb for the purpose of properly replacing its foundation. The proportioning and the mixing of concrete are universally poor. This is directly due to the lack of proper inspection. Where such material is being handled, the presence of an inspector is required all the time, and if there is no other work in progress on the street, there should be other inspectors provided to oversee it.

Paving material is not sampled for the purpose of laboratory analysis where technical examination is necessary to define its character. This, as previously mentioned, is of the greatest importance.

In connection with any construction work, where the paving material is manufactured at the contractor's plant and brought to the street to be laid, the department should have a competent Inspector continuously at the plant for the purpose of overseeing the operation of the manufacture of the material.

The plants that should be covered by such inspection would consist of sheet asphalt, asphalt block and wood block plants.

These Inspectors should, of course, be on the regular payroll of the department, and the work would undoubtedly be sufficient to keep several occupied during the majority of the year. At the present time, the department has only one man of this class doing such work. He is located at a wood block plant and is paid by the contractor who owns the plant, at the rate of \$2,500 per annum. Such a condition is obviously so ridiculous as to require no further comment.

#### Inspection.

The duties of the regular Inspectors of the department require that in addition to the supervision of the work with respect to seeing that specifications are carried

out, they shall also make a record, more or less comprehensive, of the operation of the contractor: for instance, they are required to note the number of laborers, etc., employed on the work each day, and the amount of material received, the amount of work done, the state of the weather and various other things.

The extent and the accuracy of this information which they are supposed to record varies apparently according to the tastes of the Inspector. There is no reason why such records should not be made as comprehensive as possible to the extent even of essentially serving as a record of the labor cost of the work, and the exact amount of material used and work done.

They could also be made to show the precise progress of the work, and consequently the activity or negligence of the contractor.

Such records would, if the data contained in them were properly compiled for reference, prove of the greatest value to the Chief Engineer of the Department in making up his preliminary estimates for new work, and as a basis for the recommendation of the rejection of bids submitted for new work. The more accurate the records, the more efficient they would be, and the City would gain in proportion. The office records of the department should also show the exact cost of the engineering and inspection for each contract. In other words, the operations of the department should be conducted on the same general plan as any engineering enterprise where the success of the business depends entirely on acute observation of materials, methods and costs, and the application of such information to new work in hand. At the present time, practically the only occasion for using the information contained in the Inspector's records is in computing the time consumed in the execution of contracts to determine whether the same are completed within the stipulated period.

The records of the bureau should serve as a complete history of each contract and, in addition to the above, should contain a record of the laboratory tests of all material examined during the progress of the work.

### III.—Maintenance Work.

This work is one of the most important parts of the operations of the bureau, and the appearance of the City at large is entirely dependent upon the efficiency with which it is done. For this reason, whenever there is occasion for repairs to be made, they should be made promptly and properly; this not alone from the aesthetic standpoint, but from the point of economy as well, because the longer an opening or defect in a pavement exists, the larger the area which has to be repaired, traffic having the effect of increasing very rapidly the size and aggravating the condition of a defect of any kind whatever. In consequence, contractors should be compelled to repair any defects in their pavements as soon as same are discovered. This they should expect to do irrespective of location, since each individual contract is entirely independent from any other contract that they may have had, in so far as their relations with the City are concerned.

It is the present custom of the Bureau to wait until there is a number of defects to be repaired in any one vicinity before they issue orders to a particular contractor to repair such defects as he may be liable for. We can see no reason for this except a desire to afford convenience to the contractor. It may be, if a contractor understood that he would be compelled to repair at once even a small defect in a pavement, the location of which might be at some distance from his plant, that it would increase to a certain extent the amount that he would bid for the original work, but we believe that this increase would be so small as compared with the importance of having the street promptly and properly repaired, that it would be insignificant.

The Bureau is unquestionably hampered by the lack of Inspectors. The duties of the Inspectors consist principally in supervising the actual repairs on the street; they have little opportunity for inspection of the pavements with a view to discovering defects.

One very large factor in the problem of maintenance of pavement lies in the prompt notification to the Bureau of all existing defects due to any cause whatever. That such prompt notification is lacking is well known, not alone to the Bureau but to the citizens as well. This is almost entirely due to lack of Inspectors, as will be seen when it is understood that a large number of notifications of defects come from private parties. It would be entirely feasible in amelioration of this condition to receive aid from both the Police Department and the Street Cleaning Department, whose employees are continually on the streets in the discharge of their regular duties, and the detection and reporting of defects in a pavement would not only be of great assistance to the Bureau of Highways, but it would not be burdensome to the said employees themselves.

The average street cleaner is perhaps not a man of sufficient intelligence to properly perform this function, but his immediate superior, or the street cleaning Foreman, who has charge of a certain district, should be sufficiently well equipped mentally to be able to make intelligent, comprehensive reports on the location and character of defects. Such men as above, particularly those of the Street Cleaning Department, should be in the best position to know what the causes of the defects in the pavement were.

The ideal arrangement, of course, would be to cover the City by Inspectors employed by the Bureau of Highways, dividing the City into districts in a similar manner to that now in force under the Street Cleaning Department, and employ sufficient Inspectors for each district, providing the necessary means for rapid transportation over their territory.

This would mean practically doubling the present force of Inspectors at least.

The Police Department is annually requested by the Bureau of Highways to co-operate with them in respect to reporting defects in the pavement, particularly those due to bonfires. There is a City ordinance which prohibits the building of fires on the pavements, but in spite of this, particularly at the time of election, and certain other holidays, the injuries to the pavements from this cause are of an enormous extent.

During 1906, the area of the pavement injured from bonfires amounted to over 64,000 square yards. The importance of the prevention of this cause of defect is consequently apparent. We shall enlarge on this matter in a separate report.

The various classes of openings of pavements for which permits are issued constitute the main feature of the maintenance work, in so far as the area to be repaired is concerned. The solution of this entire question lies in the construction of pipe galleries. This is so obvious a fact that it is unnecessary to comment on it, but its accomplishment depends on so many conditions that it will not be referred to in this report except to suggest that inasmuch as the City has control of the vaults under the sidewalks, this fact would seem to provide an easy method for the construction of such pipe galleries as might be required for all subsurface structures except sewers. While the ideal pipe gallery would also contain the sewer, this class of structure is not so liable to need frequent repairs, and the openings into the same are located in the most favorable place so far as the maintenance of the pavement is concerned. It is manifest that of the various classes of openings, those known as corporation openings are the most serious menace both to

the maintenance of the pavement and to the convenience and comfort of the public. There is no question whatever but that these corporations are allowed liberties in the matter of the prosecution of their work which should not be permitted.

If a corporation desires to lay a subway or ducts under a pavement, they should be made to do it at the citizen's convenience rather than at their own. They should be compelled to open only a short portion, say 500 feet at the most, of the street at one time, and refill the trench and repair the pavement before being allowed to continue operations on the succeeding 500 feet. We have been unable to discover that until recently the City has made any attempt to govern the extent of the openings made by corporations to any degree whatever, and this condition has probably been responsible to a larger extent for the inconvenience of citizens than any other one factor which has to do with the pavements of the City.

We are informed that the so-called corporation inspectors, who are supposed to look out for the City's interest, are paid by the corporations at the rate of \$4 per day for short jobs, and from \$100 to \$200 per month for large jobs, said rate being at the option of the Borough President.

These Inspectors are never known to enter any complaints to the Bureau regarding the character of the work and are retained during the pleasure of the corporation who transfers them from one job to another, as it may see fit. In one instance mentioned to us as an Inspector, paid at the rate of \$200 per month by the New York Central Railroad Company, has been continuously employed for the last three years. This condition is intolerable, being first an imposition on the corporations, and secondly, being a detriment to the public service inasmuch as every Inspector thus employed is the direct beneficiary of a concern whose chief interest is the prosecution of its own work in the easiest manner, and whose operations he is supposed to watch in the interest of the City.

It is obvious that opportunities for corruption are far from lacking and such an institution should be abolished.

When a sewer is to be constructed, or water main laid in a paved street, under contract with another Department of the City, the contractor who is to do the work is responsible for repairing the pavement after his work is finished. It is an extremely difficult matter for a trench of this nature, which is often large and deep, to be refilled with earth in such a manner as to preclude the possibility of any settlement of this material taking place. In consequence it is impossible to restore the pavement over such opening until the filling has had a chance to settle, at least to a certain degree. It is, however, possible to minimize this settlement by proper tamping or puddling while filling the trench, under competent inspection by the Department during the work, so that the settlement would not affect the restored pavement appreciably if such pavement were repaired almost immediately after the completion of the filling of the trench.

This, however, means a great deal more work and trouble for the sewer or water contractor, and although it is provided for in the contract for such work, the disinclination of the department Inspectors who supervise this work to enforce the specifications is such that the result is generally a very considerable settlement, the contractor awaiting this settlement and temporarily covering his trench with a rough, poorly laid granite block pavement.

The contractor for such work has to pay for the restoration of the pavement, and, naturally, is inclined to wait until the filling has thoroughly settled to avoid paying for the restoration twice.

Inasmuch as the City does not have to pay for the restoration of the pavement over such trenches, the bureau seems to lack interest in that they do not attempt to avoid such conditions, particularly in the matter of time wasted in waiting for the filling to settle.

The new high-pressure salt water mains for fire purposes are the present principal cause of inconvenience and complaint. These are being laid under the Department of Water Supply, Gas and Electricity, who are responsible for this condition of the streets.

There are two departments in the City which open the streets without applying to the Bureau of Highways for a permit, and oftentimes they do not even notify the department that they have opened the street, but wait until the trench for which the openings were required has been filled, and then notify the bureau.

These departments are the Department of Water Supply, Gas and Electricity and the Rapid Transit Commission. Inasmuch as the opening of any street pavement for any purpose whatsoever affects at once the condition of the highway, it would seem of the greatest importance that no individual or municipal department should be allowed to make any opening whatsoever in the pavement of a street without a permit from the proper official of the Bureau of Highways.

There is, of course, one condition where it is imperative to open a street without any consideration as to the permission of the bureau. By this is meant an emergency case, where perhaps an accident to the sewer or water main has occurred, and prompt action is necessary for the control of the condition. It also appears that in the Bureau of Highways the issuance of permits is controlled by several different officials. We believe that in this respect the organization of the department is faulty, and that all permits should be under the charge of one official, irrespective of the class of the permit.

The Bureau of Highways lacks a certain class of information, which is of the greatest importance in its maintenance work, namely, a complete map showing all of the existing subsurface structures of the roadways of the borough. These data are probably available and could be compiled from the various records of the Department of Water Supply, Gas and Electricity, the Bureau of Sewers and the records of the private corporations who hold franchises for such structures in the streets.

In brief review of the criticisms and recommendations in the preceding pages, we will reiterate the main points as a matter of convenience:

City Surveyors should not be employed by bureau; Assistant Engineers should be appointed instead. See pages 14 to 16.

Preliminary surveys and estimates should be more accurate and more comprehensive. See pages 17 and 18.

Existing curb grades do not conform to official grade map. See pages 20 and 21.

Many changes are recommended in specifications. See pages 22 to 38.

Bids should be advertised for and contract let early in year. See page 39.

Only competent Inspectors should be employed. See pages 39 and 40.

Work and material faulty through poor inspection. See page 40.

No Inspectors at asphalt plants. See page 41.

Inspector at wood block plant should be paid by City. See page 42.

Inspectors' records should be made more comprehensive and should be compiled to serve as cost records of work. See pages 42 and 43.

Repairs to pavements should be made promptly. See pages 43 and 44.

Force of Inspectors on maintenance should be doubled and borough divided into inspection districts. See pages 44 and 45.

Police and Street Cleaning Departments should assist Bureau of Highways by notifying it of defects in pavements and preventing bonfires. See page 45.

Pipe galleries should be constructed. See page 46.

Public service corporations should not be allowed to inconvenience the public in laying subsurface structures. See page 46.

Corporation Inspectors should be paid by City and be part of regular force. See page 47.

All openings in pavements should be through permits issued under one special official. See page 49.

Map showing all existing subsurface structures should be made. See page 49.

For the further convenience of Mr. J. P. Mitchel, Special Counsel in charge of this investigation, we present below references to the subjects concerning the Bureau of Highways, according to the order in which they may be found in the pages of the pamphlet entitled "How Manhattan Is Governed." This statement shows where in this present report reference has been made to that subject, or if not treated by us up to this point, some comment or explanation is made.

Only those portions of the pamphlet containing matter relative to the Bureau of Highways has been considered.

Page 38—The subject of defective pavements has been amply treated (see pages 43 to 49, this report), and it only remains to be stated that, in our opinion, the system of notifying the different companies to make repairs could be vastly improved.

The complaint about the Eighth avenue pavement and the condition shown on the photographs is not disputed by the highway officials, but they allege that at the time the printed report was published the entire street was repaved in good condition. It must be stated in this connection that the poor condition of Eighth avenue is mainly due to the faulty manipulation of the paving mixture when the original pavement was laid. The paving contract on Eighth avenue, which was done by the Matt-Taylor Paving Company, was one of the first and largest contracts given out in this city, at a time when the asphalt pavement industry was in its infancy. See our report on asphalt pavements, dated May 9, 1899, and reprinted February 3, 1904.

Page 39—The work of the Superintendent of Highways does not seem to indicate that he presides over the bureau, as stated.

Referring to the specifications mentioned in the complaint of the Citizens' Union, we beg to state that in accordance with the information received from the highway officials at the various interviews at this office, we were informed that the wording of the specifications was changed by Mr. S. Whinery, who was, at that time, acting as Consulting Engineer of Borough President Ahearn. These specifications received, at the time, the full approval of the Chief Engineer of the Board of Estimate and Apportionment.

We have, in previous reports, frankly stated our contention regarding the use of Trinidad pitch, and from our experience we are obliged to take the same firm stand, that excellent pavements have been laid from Trinidad lake and land asphalt, and that the main point lies in the manipulation of the paving materials, provided the asphalt used is a natural asphalt.

It should not be understood that the Barber Asphalt Paving Company was forced out of business owing to the action of the Borough President in excluding Trinidad pitch, of which they had sole control. The Barber Asphalt Company, on the contrary, has been kept busy in paving streets in the Borough of Manhattan, using Bermudez asphalt, of which it has the sole control. We fully approve the exclusion of so-called "oil asphalts" from the specifications, as the wearing surfaces made therefrom are questionable as to their wearing quality. "Oil" asphalts, furthermore, can be procured at a cheaper price, and their admission would therefore create unfair competition. The use of oil or artificial asphalts has been also prohibited in the Borough of Richmond, which statement we are making in correction of the charges contained in the pamphlet of the Bureau of City Betterment.

Page 40—We do not agree with the average prices as here given. See our Special Report (No. 440) on this subject.

Page 41—Our experience in determining the average price of asphalt pavements per square yard, both in New York and other cities, leads us to look with suspicion on any figures unless we know the process and all the details of the method of obtaining them. If, as we know, the figures given for New York City are in error, it is quite possible that the figures for the other cities may be also susceptible to correction.

It cannot be denied, and we are fully convinced, that the reduction in price of sheet asphalt is only due to cut-throat competition, and to no other cause; in fact, the prices are so low that no first-class pavement can be laid. The majority of pavements laid in 1904 and 1905, were constructed by the Barber Asphalt Company, and the Asphalt Construction Company, the latter of which, in accordance with the statement of the Highway Bureau officials, tried several times to violate the specifications by the introduction of California oil asphalt. Failure to live up to the specifications is a natural effect from this cause.

We agree with the statement of the Bureau of City Betterment, that inspection is confined to the examination of work in progress, but it has been previously stated in our report that laboratory examination of the materials from the streets is very seldom made, and other inspection is liable to be incompetent, in consequence, the statement at the foot of page 41 is probably well founded.

Page 42—Regarding wood block pavements (with which large areas of streets have been covered in the last few years) being more expensive than sheet asphalt, we must state that owing to the fact that there is only one company which manufactures blocks used in New York City, the prices are excessive for both wood blocks and the concrete foundations. It has been stated to us by the Highway officials that the competing companies buy all their blocks from the United States Wood Preserving Company, who appear also as bidders.

We see no reason why the price for concrete used for wood block pavement foundations should be so much higher than concrete foundations for asphalt and granite block pavements, and we believe that \$5 per cubic yard for concrete and \$2.15 per square yard for wood block would be a fair price, if the maintenance period would be reduced to five years instead of ten. See also the Special Report of the Commissioners of Accounts, No. 1191, dated January 7, 1907.

Asphalt block pavements are not difficult to keep in repair and the type of block does not constantly vary. The specifications are the means by which the size and shape of the blocks are controlled.

The statement made in the report of the Bureau of City Betterment that several streets which originally had been paved with asphalt blocks had been repaired with patches of sheet asphalt, is not found correct by the officials of the Bureau of Highways. They claim that in only one instance, that is on Twenty-fourth street, from Madison to First avenue, sheet asphalt has been used in repairs owing to the fact that no blocks could be obtained in the market, and, in order to put the pavement in proper condition, sheet asphalt had to be resorted to. For cost of this class of pavement see Special Report of Commissioners of Accounts, No. 1191, dated January 7, 1907.

Pages 43, 44, 45—We have made no attempt to check these tabular statements as to each item, but the prices per square yard given do not agree with our figures where we have been able to make comparisons.

Page 46—Comparison between Engineering expenses and cost of work. (See page 42 of this report.)

Page 47—We fully agree with the Bureau of City Betterment, who advocate a reduction of the maintenance period of five years. In this connection, we desire to mention that this recommendation was made by the Commissioners of Accounts in a printed report on Asphalt Paving, dated February 3, 1904, and it was upon their recommendation that the maintenance period of sheet asphalt was reduced from fifteen to five years.

Page 48—Cost of wood block pavement. (See Special Report of Commissioners of Accounts, No. 1191, dated January 7, 1907.)

With reference to the labor costs for relaying stone pavement, we are not able to verify the figures given on this page. It is more than likely that they are misleading, judging from the basis of computation as stated.

We are advised by the Bureau of Highways that data is not available for proper computation of same. We believe, however, that whatever the cost it is probably excessive. The records of the bureau should be so kept that this cost might be easily known.

Inasmuch as the area of sheet asphalt, asphalt block and wood block pavements is being rapidly increased each year, by the laying of new pavements of these classes, it is apparent that the area of the other classes of pavements is decreasing in a corresponding ratio.

The necessity for a larger number of Inspectors on the former class of work is therefore apparent, and, by the same argument the work on the latter class must be decreasing. Inasmuch as the maintenance work for asphalt and wood block pavements is done under contract and for other classes of pavement by day labor under the direction of the bureau, this would mean a decrease in the employment of day labor and an increase in contract work, all of which is to the decided advantage of the City, always providing that the inspection of such contract work is efficient.

Page 49—Regarding the recommendation of the Bureau of City Betterment that the repairs of sheet asphalt pavements should be done by the Highways Bureau themselves, by the establishment of a Municipal Repair Plant, we are skeptical about the adoption of such a plan. It is our contention that municipal ownership has not been a success in the past, and we are convinced that with an efficient Engineer in charge of the Bureau of Highways, the work of repairing could be done more advantageously by contract than by establishing a City Repair plant.

Pages 50, 51 and 52—(See this report, pages 7 and 43 to 49.)

Pages 53 to 57—Pipe galleries. (See this report, page 46.)

Pages 57 to 59—Corporation Inspectors. (See this report, page 47.)

Pages 59 and 60—Present condition of pavement below Fourteenth street. We have made no examination of the condition of any of these streets, lacking the men for such work.

Pages 60 and 61—Maintenance of macadam streets. (See this report, page 13.)

Pages 72 to 78—Pavement in railroad area. We have not had time or men to determine if the conditions stated are true. For information on the subject, see Reports of Commissioners of Accounts, dated January 19 and January 21, 1907.

Pages 81 to 85—We approve of the attitude and recommendations herein contained. (See report of Commissioners of Accounts dated February 6, 1907.)

Pages 85 to 87—Points well taken by the Bureau of City Betterment. (See also this report, page 21.) We have little knowledge of present condition of sidewalks.

Page 96—With reference to the item (under expenditures without public contract) "Carting and removing paving blocks, \$9,024.45, to the Phoenix Construction Company," we are advised that such work is done only when the work of the Bureau requires the use of all its carts for other purposes and it is essential that the old paving blocks be immediately removed from the street to facilitate the operations of the contractor who may be laying a new pavement there. It is impossible to forecast this condition, inasmuch as it depends on several variable factors.

On this page and on page 97 appear amounts alleged to have been expended without public contract for restoring pavements. On examination this statement is found to be entirely untrue, as these amounts are the sums paid to the stated companies for restoring openings made under permit, and for which payment had already been made to the City by the persons applying for the permits. All of the companies mentioned are entitled, under their individual contracts, to such work and such payment. We believe that the Commissioners of Accounts have already explained this matter in full. See also report of Commissioners of Accounts, dated January 10, 1907, page 16.

In the investigation of the Bureau of Highways of the Borough of Manhattan, it is plain that the main objects in view are to determine if the Bureau is properly organized; if its officials and employees are competent, honest and efficient, and if the work is conducted in such a manner as to serve the best interests of the entire borough—at the same time accomplishing the most in the way of results for an expenditure of the least money.

Our examination leads us to believe that there is great need for reorganization of the Bureau, probably in conjunction with the Bureau of Sewers and the Bureau of Street Openings.

As a matter of organization we have as yet been unable to define and understand the relation between the offices held by the Superintendent of Highways and the Chief Engineer of the Bureau of Highways, in view of the operations conducted by those officials.

The matters concerning character of officials and employees, as well as efficiency in the conduct of work, we have not reported upon in such detail as we otherwise might have, and, moreover, we believe it to be more practicable to bring out this entire subject at public hearings, upon the conclusion of which we may be able to deal more intelligently with these and any additional subjects not already included in our report.

Respectfully submitted,

(Signed) OTTO H. KLEIN, Chief Engineer.

No. 1898s.

Office of the Commissioners of Accounts, |  
Stewart Building, No. 280 Broadway,  
New York, February 27, 1907. ]

Subject—Bureau of Buildings, Audit of Appropriation Accounts and Unsafe Building Fund, Years 1904 and 1905. Office of the President of the Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, and for the information of J. P. Mitchel, Esq., Special

Counsel, we beg to submit this, our nineteenth, report of an audit of the Appropriation Accounts and the Unsafe Building Fund for the years 1904 and 1905, of the Bureau of Buildings.

#### Audit of Appropriation Accounts.

The appropriation made by the Board of Estimate and Apportionment for the Bureau of Buildings and the expenditures for the years 1904 and 1905, were as follows:

|                              | 1904.           | 1905.           |
|------------------------------|-----------------|-----------------|
| Amount of appropriation..... | \$259,550 00    | \$259,550 00    |
| Decreased by transfers.....  | 3,800 00        | 9,200 00        |
| Available funds .....        | \$255,750 00    | \$250,350 00    |
| Total disbursements .....    | 255,572 23      | 249,868 93      |
| Balances.....                | <u>\$177 77</u> | <u>\$481 07</u> |

#### The Building Code.

Pursuant to section 647 of the Greater New York Charter, the Building Code providing for all matters concerning, affecting or relating to the construction, alteration or removal of buildings or structures erected or to be erected in The City of New York, as constituted by the Charter, was adopted by the Board of Aldermen September 12, 1899, by the Council October 10, 1899, and approved by the Mayor October 24, 1899.

Certain amendments were made April 12, 1906.

#### Violations and Penalties.

With relation to violations and penalties the Building Code, section 150, provides that:

"The owner or owners of any building, structure or part thereof, or wall, of any platform, staging or flooring to be used for standing or seating purposes where any violation of this code shall be placed, or shall exist, and any architect, builder, plumber, carpenter or mason who may be employed or assist in the commission of any such violation, and any and all persons who shall violate any of the provisions of this code or fail to comply therewith, or any requirement thereof, or who shall violate or fail to comply with any order or regulation made thereunder, or who shall build in violation of any detailed statement of specifications or plans submitted and approved thereunder, or of any certificate or permit issued thereunder, shall severally, for each and every such violation and non-compliance, respectively, forfeit and pay a penalty in the sum of fifty dollars.

"Except that any such person who shall violate any of the provisions of this code as to the construction of chimneys, fire places, flues, hot air pipes and furnaces, or who shall violate any of the provisions of this code, with reference to the framing or trimming of timbers, girders, beams or other woodwork in proximity to chimney flues or fireplaces, shall forfeit and pay a penalty of one hundred dollars.

"But if any said violation shall be removed or be in process of removal within ten days after the service of a notice as hereinafter prescribed, the liability of such a penalty shall cease, and the corporation counsel, on request of the commissioner of buildings having jurisdiction, shall discontinue any action pending to recover the same, upon such removal or the completion thereof within a reasonable time.

"Any and all of the aforementioned persons who, having been served with a notice as hereinafter prescribed, to remove any violation or comply with any requirement of this Code, or with any order or regulation made thereunder, shall fail to comply with said notice within ten days after such service or shall continue to violate any requirement of the Code in the respect named in said notice shall pay a penalty of two hundred and fifty dollars. \* \* \* The Commissioner of Buildings having jurisdiction, through the Corporation Counsel, is hereby authorized, in his discretion, good and sufficient cause being shown therefor, to remit any fine or fines, penalty or penalties, which any person or persons may have incurred, or may hereafter incur, under any of the provisions of this Code, but no fine or penalty shall be remitted for any such violation until the violation shall have been removed." \* \* \*

#### Unsafe Buildings, Surveys, Court Proceedings.

Under section 153 of the Building Code, it is provided that any building, buildings or parts of a building, staging or other structure that from any cause may be dangerous or unsafe, may be taken down and removed or made safe and secure.

Immediately upon the report of such unsafe building or structure by any of the officers of the Department (now Bureau) of Buildings, a record shall be immediately entered upon a docket of unsafe buildings to be kept by the Commissioner (now Superintendent) of Buildings, and the party in interest, either vested or contingent, may be served with a notice requiring that the building or structure be made safe or removed, and to immediately certify his or their assent or refusal to secure or remove the same.

In case the requirements of the notice is not complied with within the time specified in the notice (section 156 of the Code) the matter is turned over to the Corporation Counsel for such action as is provided for in the Code.

The expenses and disbursements incurred in the carrying out of the matter become a lien on the property named in the notice.

Pending the action by the Corporation Counsel for all disbursements and preliminary expenses, the Commissioner (now Superintendent) of Buildings may make requisition upon the Comptroller of The City of New York for such amounts of money as shall be necessary to meet the expenses and the Comptroller for such purposes is authorized to raise upon Revenue Bonds, to be issued as provided in section 188 of the Charter, the amounts that may be from time to time required, and which he shall be reimbursed for by the payment of the amounts, and interest at 6 per cent., out of the judgments obtained if the same are collected.

#### Unsafe Building Fund.

All penalties collected by the Corporation Counsel and sums received in settlement of Unsafe Buildings cases, together with the costs, are turned over to the Commissioner (now Superintendent) of Buildings on the first day of each and every month, the said Commissioner (now Superintendent) of Buildings in turn transmitting monthly the money so received by him to the Comptroller to The City of New York as a fund for the use and benefit of the Department (now Bureau) of Buildings for the purpose of paying any expense incurred by said department in the matter of unsafe buildings, or for the recovery of bodies under fallen buildings, as provided for in section 157 of the Code.

#### Emergency Work on Unsafe Buildings, Years 1904 and 1905.

From the records of the Bureau of Buildings, we find that bills were received for work on unsafe buildings, as follows:

|               |                     |
|---------------|---------------------|
| In 1904 ..... | \$66,999 45         |
| In 1905 ..... | 38,685 37           |
| Total .....   | <u>\$105,684 82</u> |

The Law Department of the Corporation Counsel's office collected and returned to the Bureau of Buildings for transmission to the Finance Department the sum of \$20,769.62, as follows:

|                |                    |
|----------------|--------------------|
| For 1904 ..... | \$7,236 04         |
| For 1905 ..... | 13,533 58          |
|                | <u>\$20,769 62</u> |

In addition to the sum collected for the bills rendered, the Law Department collected and transmitted to the Bureau of Buildings for transmission to the Finance Department during the years 1904 and 1905, for survey fees, summons, fees, penalties and Court costs the sum of \$6,954.69, as follows:

|            |                   |
|------------|-------------------|
| 1904 ..... | \$3,067 68        |
| 1905 ..... | 3,887 01          |
|            | <u>\$6,954 69</u> |

Of the bills received by the Bureau of Buildings and transmitted to the Law Department in 1904, there remains uncollected the following:

|             |                    |
|-------------|--------------------|
| 1904 .....  | \$59,763 41        |
| 1905 .....  | 25,151 79          |
| Total ..... | <u>\$84,915 20</u> |

Tables giving the full details of each bill received for emergency work on unsafe buildings are hereto attached marked Exhibit "A" and "B."

The collections made by the Law Department and transmitted to the Bureau of Buildings have been accounted for by that Bureau by transmission to the Finance Department as appears in the Unsafe Building Fund Account in that office.

In case of a deficiency in the account named occasioned by the failure of the Law Department to collect from the property owner for work done, the fund is replenished by the issue of Special Revenue Bonds.

#### Official Records.

The Bureau of Buildings is required under section 153 of the Building Code to enter upon a "Docket of Unsafe Buildings" all cases of unsafe or dangerous buildings so reported by any of the officers of the Bureau, but the limit to which information relating to each case shall extend is not defined.

The Bureau of Buildings has such a docket which we contend does not contain sufficient information to properly trace the history of each individual case.

In a report made by the Commissioners of Accounts dated August 30, 1904, reference was made to this fact and a recommendation to the effect that the docket should contain a complete history of each case.

The Chief Clerk of this Bureau informs us that he was not advised of our recommendation.

For the use of J. P. Mitchel, Esq., Special Counsel, we attach hereto also the Charter provisions concerning the Bureau of Buildings.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

#### Charter Provisions Concerning the Bureau of Buildings.

Section 405. The President of the Borough shall appoint a Superintendent of Buildings who shall be a competent architect or builder of at least ten years' experience, and he may remove such Superintendent whenever in his judgment the public interests require it.

Section 406. Such Superintendent shall have the administration of the general rules and regulations established by the President of the Borough, and the provisions of the law and ordinances relating to the construction, alterations or removal of buildings or other structures. Each Superintendent shall have power to appoint and remove subordinate officers. The Chief Inspectors of Buildings shall be competent architects, engineers or builders of at least ten years' practice. The Inspectors shall be competent men who shall have served five years as architects, engineers, masons, carpenters, plumbers or iron workers. It shall not be lawful for any officer or employee in the Building Bureau to be engaged in conducting or carrying on any business connected with the construction of buildings, or act as agent to such. Any officer or employee who shall ask, solicit, accept or receive any compensation for enforcing or not enforcing any order or requirement of the Bureau, shall be guilty of a felony.

Section 407. The Board of Aldermen shall have power to amend the Building Code from time to time. The Building Code in force May 1, 1904, shall constitute a chapter of the Code of Ordinances of The City of New York.

Section 408. The Superintendent of Buildings shall, in addition to the powers, rights and duties conferred or imposed by this act, possess and exercise those heretofore conferred upon and required of the Board of Buildings and of the Commissioner of Buildings, in so far as the same are consistent with this act.

Section 409. The President of the Borough shall have power to establish general rules and regulations for the administration of the Building Department and may, from time to time, amend or repeal them, when in his opinion it shall seem necessary or desirable.

Section 410. With the approval of the President of the Borough, the Superintendent has the power to vary or modify any rule, regulation, law or ordinance relating to the construction, alteration or removal of any structure, upon an application to him of the owner where there are practical difficulties in the way of carrying out the strict letter of the law, so that the spirit of the law be observed and public safety secured.

Section 411. The Superintendent has the power, subject to the provisions of law, to pass upon any question relative to the manner of construction or materials to be used in the erection of any building. When he shall refuse to approve the manner of construction or the materials to be used, the owner may appeal to a Board of Examiners, said board consists of seven members, who are appointed by the Mayor. Five affirmative votes are necessary to the granting of any petition.

Section 412. The Superintendent shall keep accurate and detailed accounts of all moneys received and expended by him, with the sources of receipt and the purposes for the expenditures.

Section 413. The Superintendent shall keep a record of all applications relating to the construction, alteration or removal of buildings, with full details of the same. The books containing such records are public records, and shall be open to inspection at all reasonable times.

Section 414. Provides for turning over to the President of the Borough by the former Commissioner of Buildings, all plans, records, books, etc., in his possession.

## EXHIBIT

Emergency Work, Unsafe Buildings, Bureau of

| By Whom.            | Location.  | Amount.    | Date of Entry.  | Cautory Notice Served. | Survey Ordered. | Notice and Summons Served. |
|---------------------|--|------------|-----------------|------------------------|-----------------|----------------------------|
| Canavan Bros.....   | Northwest corner of Fifty-second street and Seventh avenue.....                  | \$59 00    | Dec. 28, 1903   | Dec. 28, 1903          | Dec. 28, 1903   | Dec. 28, 1903              |
| Canavan Bros.....   | No. 363 East Eighth street.....  | 42 95      | Jan. 6, 1904    | Jan. 6, 1904           | Jan. 6, 1904    | Jan. 6, 1904               |
| Canavan Bros.....   | Nos. 180 to 196 Mott street.....   | 3,957 71   | Dec. 23, 1903   | Dec. 23, 1903          | Dec. 23, 1903   | Dec. 23, 1903              |
| Walter Reid & Co... | Nos. 56 and 60 West Forty-seventh street.....                                    | 324 95     | Mar. 4, 1904    | .....                  | .....           | .....                      |
| Thomas J. Dunn....  | Northwest corner of Fifty-second street and Seventh avenue.....                  | 1,355 12   | Dec. 28, 1903   | Dec. 26, 1903          | Jan. 4, 1904    | Jan. 4, 1904               |
| Thomas J. Dunn....  | No. 3 Great Jones street.....  | 289 50     | Feb. 18, 1904   | Feb. 24, 1904          | .....           | .....                      |
| Thomas J. Dunn....  | No. 303 East Thirty-first street.....  | 10 00      | Mar. 4, 1904    | Mar. 4, 1904           | .....           | .....                      |
| Thomas J. Dunn....  | No. 101 Avenue B.....  | 70 25      | Mar. 28, 1904   | Mar. 28, 1904          | Mar. 29, 1904   | Mar. 29, 1904              |
| Thomas J. Dunn....  | No. 162 Attorney street (rear).....  | 213 75     | Feb. 23, 1904   | Feb. 24, 1904          | .....           | .....                      |
| Thomas J. Dunn....  | Nos. 525 to 535 West Fifty-ninth street.....                                     | 8,503 19   | Feb. 23, 1904   | Feb. 24, 1904          | Feb. 7, 1904    | Feb. 29, 1904              |
| Thomas J. Dunn....  | No. 533 West Twenty-sixth street.....  | 190 75     | Feb. 27, 1904   | Mar. 1, 1904           | Mar. 29, 1904   | Mar. 30, 1904              |
| Thomas J. Dunn....  | No. 124 West Ninety-fifth street.....  | 27 88      | Feb. 22, 1904   | Mar. 2, 1904           | .....           | .....                      |
| Thomas J. Dunn....  | No. 18 Park place.....   | { 895 00   | Feb. 17, 1904   | Feb. 18, 1904          | Feb. 24, 1904   | Feb. 19, 1904              |
|                     |  | { 267 00   | Feb. 17, 1904   | Feb. 18, 1904          | Feb. 24, 1904   | Feb. 25, 1904              |
| Thomas J. Dunn....  | No. 16 Park place.....   | { 607 21   | Feb. 17, 1904   | Feb. 18, 1904          | Feb. 24, 1904   | Feb. 19, 1904              |
|                     |  | { 267 00   | Feb. 17, 1904   | Feb. 18, 1904          | Feb. 24, 1904   | Feb. 25, 1904              |
| Thomas J. Dunn....  | Nos. 205 and 207 East Ninety-ninth street.....                                   | 1,386 87   | Feb. 19, 1904   | Feb. 24, 1904          | Feb. 27, 1904   | Feb. 29, 1904              |
| Thomas J. Dunn....  | Nos. 59 and 61 Broadway.....   | { 2,633 20 | Mar. 28, 1904   | Mar. 28, 1904          | Mar. 29, 1904   | Mar. 30, 1904              |
|                     |  | { 2,633 20 | Mar. 28, 1904   | Mar. 28, 1904          | Mar. 29, 1904   | Mar. 30, 1904              |
| Thomas J. Dunn....  | No. 501 Eighth avenue.....   | 517 50     | April 15, 1904  | April 16, 1904         | .....           | .....                      |
| Thomas J. Dunn....  | Nos. 55 and 57 West Forty-sixth street.....                                      | 31,359 06  | Mar. 3, 1904    | Mar. 3-5, '04          | Mar. 10, 1904   | Mar. 11, 1904              |
| Thomas J. Dunn....  | Nos. 640 to 652 West Thirtieth street.....                                       | 3,976 50   | April 27, 1904  | April 27, 1904         | Oct. 6, 1905    | Oct. 7, 1905               |
| Thomas J. Dunn....  | Nos. 202 to 208 East Eighty-eighth street.....                                   | 2,678 10   | May 7, 1904     | May 7, 1904            | May 11, 1904    | May 12, 1904               |
| Thomas J. Dunn....  | No. 92 Essex street.....   | 76 10      | June 9, 1904    | June 9, 1904           | .....           | .....                      |
| Thomas J. Dunn....  | Nos. 304 and 306 West Forty-first street.....                                    | 32 50      | June 29, 1904   | June 29, 1904          | .....           | .....                      |
| Thomas J. Dunn....  | No. 465 West One Hundred and Thirty-ninth street.....                            | 96 50      | Sept. 30, 1903  | Oct. 1, 1903           | June 30, 1904   | July 1, 1904               |
| Thomas J. Dunn....  | Northwest corner of One Hundred and Fourteenth street and Lexington avenue ..... | 38 50      | Dec. 19, 1903   | Dec. 26, 1903          | Dec. 28, 1903   | Dec. 29, 1903              |
| Thomas J. Dunn....  | North side of One Hundred and Ninth street, 170 feet west of Third avenue.       | 51 37      | Sept. 15, 1904  | Sept. 16, 1904         | Sept. 26, 1904  | Sept. 28, 1904             |
| Thomas J. Dunn....  | No. 145 East Twenty-sixth street.....  | 19 25      | Apr. 5-15, 1904 | April 6-11, '04        | April 23, 1904  | April 25, 1904             |
| Thomas J. Dunn....  | No. 315 East Eighteenth street.....  | 38 50      | July 30, 1903   | July 30, 1903          | Aug. 6, 1904    | Aug. 7, 1904               |
| Thomas J. Dunn....  | Nos. 159 to 165 East Houston street.....   | 22 37      | Jan. 12, 1903   | Jan. 13, 1903          | Jan. 14, 1903   | Jan. 14, 1903              |
| Thomas J. Dunn....  | Nos. 30 and 32 East Twenty-first street.....                                     | 42 87      | July 21, 1903   | July 21, 1903          | July 23, 1903   | July 23, 1903              |
| Thomas J. Dunn....  | No. 71 Park avenue.....  | 24 80      | Oct. 21, 1903   | Oct. 22, 1903          | Oct. 26, 1903   | Oct. 26, 1903              |
| Thomas J. Dunn....  | No. 317 East Fortieth street.....  | 18 00      | Sept. 15, 1902  | Sept. 16, 1902         | Aug. 13, 1903   | Aug. 14, 1903              |
| Thomas J. Dunn....  | No. 224 East One Hundred and Twenty-second street.....                           | 56 95      | Oct. 25, 1904   | Oct. 27, 1904          | .....           | .....                      |
| Thomas J. Dunn....  | No. 363 East Eighth street.....  | 401 00     | Jan. 6, 1904    | Jan. 6, 1904           | Jan. 6, 1904    | Jan. 6, 1904               |
| Thomas J. Dunn....  | No. 555 West Thirty-second street.....   | 12 50      | Aug. 27, 1903   | Aug. 29, 1903          | .....           | .....                      |
| Thomas J. Dunn....  | Nos. 203 and 205 West Fortieth street.....                                       | 17 00      | Aug. 26, 1904   | Aug. 29, 1904          | .....           | .....                      |
| Thomas J. Dunn....  | No. 555 West Thirty-second street.....   | 104 00     | Aug. 5, 1903    | Aug. 6, 1903           | Sept. 10, 1903  | Sept. 10, 1903             |
| Thomas J. Dunn....  | Northwest corner of Sullivan and Broome streets.....                             | 258 00     | Oct. 8, 1904    | Oct. 8, 1904           | Oct. 11, 1904   | Oct. 12, 1904              |
| Thomas J. Dunn....  | No. 146 West Fiftieth street.....  | 106 18     | Sept. 12, 1904  | Sept. 12, 1904         | Sept. 14, 1904  | Sept. 15, 1904             |
| Thomas J. Dunn....  | No. 639½ Hudson street.....  | 327 37     | May 9, 1904     | May 10, 1904           | June 17, 1904   | June 18, 1904              |
| Thomas J. Dunn....  | No. 65 East Eighth street.....   | 2,980 00   | May 31, 1904    | May 31, 1904           | June 1, 1904    | June 2, 1904               |
| \$66,999 45         |  |            |                 |                        |                 |                            |

## Recapitulation.

|                        |            |
|------------------------|------------|
| Canavan Brothers ..... | \$4,059 66 |
| Walter Reid & Co.....  | 324 95     |
| Thomas J. Dunn.....    | 62,614 84  |

Collected by Law Department.....

\$66,999 45

Balance uncollected .....

7,236 04

\$59,763 41

## EXHIBIT

Emergency Work, Unsafe Buildings, Bureau of

| By Whom.           | Location.   | Amount.  | Date of Entry.                  | Cautory Notice Served. | Survey Ordered. | Notice and Summons Served. |
|--------------------|---|----------|---------------------------------|------------------------|-----------------|----------------------------|
| Thomas J. Dunn.... | No. 508 Second avenue.....                                      | \$93 90  | Sept. 15, 1904                  | Sept. 15, 1904         | .....           | .....                      |
| Thomas J. Dunn.... | Nos. 43 and 45 West Thirteenth street.....                      | 1,054 03 | July 1, 1903                    | Aug. 7, 1903           | Sept. 25, 1903  | Sept. 26, 1903             |
| Thomas J. Dunn.... | No. 262 East Broadway.....                                      | 73 25    | Nov. 25, 1904                   | Nov. 25, 1904          | .....           | .....                      |
| Thomas J. Dunn.... | Northwest corner of Fifty-second street and Seventh avenue..... | 2,171 50 | Aug. 25, 1904                   | Aug. 27, 1904          | Aug. 29, 1904   | Aug. 30, 1904              |
| Thomas J. Dunn.... | Northwest corner of Fifty-second street and Seventh avenue..... | 3,032 13 | Aug. 25, 1904                   | Aug. 27, 1904          | Aug. 29, 1904   | Aug. 30, 1904              |
| Thomas J. Dunn.... | Nos. 87 and 89 Bayard street.....                               | 18 75    | Feb. 4, 1905                    | Feb. 4, 1905           | .....           | .....                      |
| Thomas J. Dunn.... | Nos. 227 and 229 West Twenty-ninth street.....                  | 60 87    | Jan. 4, 1905                    | Jan. 4, 1905           | .....           | .....                      |
| Thomas J. Dunn.... | Nos. 303 to 309 East Twenty-eighth street.....                  | 126 75   | Dec. 15, 1904                   | Dec. 15, 1904          | Dec. 21, 1904   | Dec. 22, 1904              |
| Thomas J. Dunn.... | No. 39 Gramercy Park.....                                       | 182 50   | Nov. 22, 1904                   | Nov. 22, 1904          | Nov. 25, 1904   | Nov. 26, 1904              |
| Thomas J. Dunn.... | Nos. 859 to 877 Washington street.....                          | 245 00   | { Feb. 27, 1904<br>Nov. 2, 1904 | Mar. 2, 1904           | Mar. 4, 1904    | Mar. 5, 1904               |
| Thomas J. Dunn.... | Nos. 31 and 33 Pine street.....                                 | 141 00   | Jan. 23, 1905                   | Jan. 24, 1905          | .....           | .....                      |
| Thomas J. Dunn.... | Southeast corner of Thirty-eighth street and First avenue.....  | 629 86   | Jan. 26, 1905                   | Jan. 27, 1905          | Feb. 3, 1905    | Feb. 3, 1905               |
| Thomas J. Dunn.... | Southeast corner of Thirtieth street and Thirteenth avenue..... | 3,242 93 | Jan. 23, 1905                   | Jan. 28, 1905          | .....           | .....                      |
| Thomas J. Dunn.... | Nos. 94 to 98 Mott street.....                                  | 245 75   | Feb. 6, 1905                    | Feb. 6, 1905           | Feb. 8, 1905    | Feb. 9, 1905               |
| Thomas J. Dunn.... | Nos. 114 to 120 West Thirtieth street.....                      | 337 00   | Feb. 13, 1905                   | Feb. 14, 1905          | Feb. 18, 1905   | Feb. 20, 1905              |

"A."

Buildings, Borough of Manhattan, Year 1904.

| Survey Held.   | Sent to Corporation Counsel. | Precept Issued. | Work Ordered.                     | Work Begun.    | Work Finished. | Bill Received. | Bill Forwarded to Corporation Counsel. | Collected by Law Department. |                     |
|----------------|------------------------------|-----------------|-----------------------------------|----------------|----------------|----------------|--|------------------------------|---------------------|
|                |                              |                 |                                   |                |                |                |  | Date.                        | Amount.             |
| Dec. 29, 1903  | Dec. 29, 1903                | Dec. 31, 1903   | { Dec. 28, 1903<br>Feb. 8, 1904 } | Dec. 28, 1903  | Dec. 28, 1903  | July 6, 1904   | Jan. 6, 1904                           | Oct. 12, 1904                | \$59 00             |
| Jan. 8, 1904   | Jan. 9, 1904                 | Jan. 9, 1904    | Jan. 6, 1904                      | Jan. 6, 1904   | Jan. 6, 1904   | July 9, 1904   | Jan. 9, 1904                           | Jan. 25, 1904                | 42 95               |
| Dec. 23, 1903  | Dec. 28, 1903                | Dec. 29, 1903   | Dec. 22, 1903                     | Dec. 23, 1903  | Dec. 30, 1903  | Jan., 1904     | Jan. 5, 1904                           | Mar. 22, 1904                | 2,000 00            |
| .....          | .....                        | .....           | Mar. 3, 1904                      | .....          | .....          | Mar. 24, 1904  | Mar. 24, 1904                          | .....                        | .....               |
| Jan. 5, 1904   | Jan. 5, 1904                 | Jan. 7, 1904    | Feb. 18, 1904                     | Feb. 8, 1904   | Feb. 19, 1904  | Mar. 5, 1904   | Mar. 7, 1904                           | Oct. 12, 1904                | 1,355 12            |
| .....          | .....                        | .....           | Feb. 22, 1904                     | Feb. 22, 1904  | .....          | Mar. 10, 1904  | .....                                  | Apr. 5, 1904                 | 289 50              |
| .....          | .....                        | .....           | Mar. 4, 1904                      | Mar. 4, 1904   | Mar. 4, 1904   | Mar. 11, 1904  | Mar. 11, 1904                          | Mar. 11, 1904                | 10 00               |
| Mar. 30, 1904  | Mar. 31, 1904                | Mar. 31, 1904   | Mar. 28, 1904                     | Mar. 29, 1904  | Mar. 29, 1904  | Mar. 30, 1904  | Mar. 30, 1904                          | Apr. 14, 1904                | 70 25               |
| .....          | .....                        | .....           | Feb. 22, 1904                     | Feb. 22, 1904  | Feb. 23, 1904  | April 1, 1904  | Apr. 23, 1904                          | .....                        | .....               |
| Mar. 1, 1904   | Mar. 2, 1904                 | Mar. 2, 1904    | Feb. 22, 1904                     | Feb. 22, 1904  | Mar. 1, 1904   | April 21, 1904 | Apr. 22, 1904                          | Dec. 21, 1904                | 1,000 00            |
| April 4, 1904  | April 5, 1904                | April 6, 1904   | April 14, 1904                    | April 14, 1904 | April 15, 1904 | April 20, 1904 | Apr. 21, 1904                          | Apr. 26, 1904                | 190 75              |
| .....          | .....                        | .....           | Feb. 22, 1904                     | Feb. 22, 1904  | Feb. 22, 1904  | April 10, 1904 | Apr. 21, 1904                          | .....                        | .....               |
| Feb. 20, 1904  | Feb. 23, 1904                | Feb. 23, 1904   | Feb. 17, 1904                     | Feb. 16, 1904  | Feb. 26, 1904  | April 25, 1904 | Apr. 27, 1904                          | Apr. 2, 1906                 | 509 50              |
| Feb. 26, 1904  | Feb. 27, 1904                | Feb. 29, 1904   | Feb. 17, 1904                     | Feb. 27, 1904  | Mar. 2, 1904   | April 25, 1904 | Apr. 27, 1904                          | Mar. 28, 1906                | 416 25              |
| Feb. 20, 1904  | Feb. 23, 1904                | Feb. 23, 1904   | Feb. 17, 1904                     | Feb. 16, 1904  | Feb. 26, 1904  | April 25, 1904 | Apr. 27, 1904                          | .....                        | .....               |
| Feb. 26, 1904  | Feb. 27, 1904                | Feb. 29, 1904   | Feb. 17, 1904                     | Feb. 27, 1904  | Mar. 2, 1904   | April 25, 1904 | Apr. 27, 1904                          | .....                        | .....               |
| Mar. 1, 1904   | Mar. 2, 1904                 | April 6, 1904   | Feb. 22, 1904                     | Feb. 22, 1904  | Feb. 26, 1904  | April 13, 1904 | Apr. 16, 1904                          | .....                        | .....               |
| Mar. 31, 1904  | April 4, 1904                | April 4, 1904   | Mar. 26, 1904                     | April 4, 1904  | May 16, 1904   | May 16, 1904   | May 16, 1904                           | .....                        | .....               |
| Mar. 31, 1904  | April 4, 1904                | April 4, 1904   | Mar. 26, 1904                     | April 4, 1904  | May 16, 1904   | May 16, 1904   | May 16, 1904                           | .....                        | .....               |
| .....          | .....                        | .....           | April 15, 1904                    | April 13, 1904 | April 16, 1904 | May 16, 1904   | May 16, 1904                           | .....                        | .....               |
| Mar. 12, 1904  | Mar. 14, 1904                | Mar. 15, 1904   | Mar. 2, 1904                      | Mar. 2, 1904   | Mar. 17, 1904  | May 27, 1904   | June 1, 1904                           | June 6, 1904                 | Jan. 31, 1905 22 50 |
| Oct. 9, 1905   | Oct. 10, 1905                | Oct. 10, 1905   | April 27, 1904                    | April 27, 1904 | May 14, 1904   | May 27, 1904   | June 1, 1904                           | Jan. 31, 1905                | 22 50               |
| May 13, 1904   | May 14, 1904                 | May 16, 1904    | May 7, 1904                       | May 7, 1904    | May 20, 1904   | May 31, 1904   | June, 1904                             | Feb. 19, 1905                | 75 00               |
| .....          | .....                        | .....           | June 9, 1904                      | June 9, 1904   | June 9, 1904   | June 20, 1904  | June 20, 1904                          | June 21, 1904                | .....               |
| .....          | .....                        | .....           | June 28, 1904                     | .....          | .....          | .....          | .....                                  | .....                        | .....               |
| July 1, 1904   | July 6, 1904                 | July 8, 1904    | July 27, 1904                     | Aug. 1, 1904   | Aug. 3, 1904   | Sept. 25, 1904 | Sept. 20, 1904                         | .....                        | .....               |
| Dec. 30, 1903  | Dec. 31, 1903                | Dec. 31, 1903   | July 27, 1904                     | Aug. 2, 1904   | Aug. 3, 1904   | Sept. 25, 1904 | Sept. 20, 1904                         | Feb. 17, 1905                | 38 50               |
| Sept. 28, 1904 | Sept. 29, 1904               | Sept. 30, 1904  | .....                             | Oct. 5, 1904   | Oct. 5, 1904   | Oct. 15, 1904  | Oct. 17, 1904                          | May 5, 1905                  | 51 42               |
| April 26, 1904 | April 27, 1904               | April 28, 1904  | July 29, 1904                     | Aug. 16, 1904  | Aug. 16, 1904  | Sept. 20, 1904 | Oct. 7, 1904                           | Nov. 23, 1905 19 25          | .....               |
| Aug. 10, 1904  | Aug. 10, 1904                | Aug. 13, 1904   | July 27, 1904                     | Aug. 2, 1904   | Aug. 4, 1904   | Sept. 20, 1904 | Oct. 7, 1904                           | Feb. 2, 1905                 | 38 50               |
| Jan. 15, 1903  | Jan. 16, 1903                | Jan. 16, 1903   | July 27, 1903                     | Aug. 2, 1904   | Aug. 3, 1904   | Sept. 20, 1904 | Oct. 7, 1904                           | Dec. 18, 1905 22 37          | .....               |
| July 25, 1903  | July 27, 1903                | July 27, 1903   | July 27, 1904                     | Aug. 2, 1904   | Aug. 4, 1904   | Sept. 20, 1904 | Oct. 7, 1904                           | .....                        | .....               |
| Oct. 31, 1903  | Nov. 2, 1903                 | Feb. 16, 1904   | July 27, 1904                     | Aug. 18, 1904  | Aug. 18, 1904  | Sept. 20, 1904 | Oct. 7, 1904                           | .....                        | .....               |
| Aug. 17, 1903  | Aug. 18, 1903                | Aug. 20, 1903   | July 27, 1904                     | Aug. 2, 1904   | Aug. 3, 1904   | Sept. 20, 1904 | Oct. 7, 1904                           | July 6, 1906 18 00           | .....               |
| .....          | .....                        | .....           | Nov. 1, 1904                      | Nov. 1, 1904   | Nov. 1, 1904   | Nov. 15, 1904  | Nov. 22, 1904                          | .....                        | .....               |
| Jan. 8, 1904   | Jan. 9, 1904                 | Jan. 9, 1904    | July 27, 1904                     | Aug. 2, 1904   | Aug. 15, 1904  | Sept. 20, 1904 | Sept. 20, 1904                         | Mar. 29, 1906 401 00         | .....               |
| .....          | .....                        | .....           | July 27, 1904                     | Aug. 26, 1904  | Aug. 26, 1904  | Nov. 28, 1904  | Nov. 28, 1904                          | .....                        | .....               |
| Sept. 14, 1903 | Sept. 15, 1903               | Sept. 15, 1903  | July 27, 1904                     | Sept. 6, 1904  | Sept. 7, 1904  | Sept. 27, 1904 | Nov. 28, 1904                          | .....                        | .....               |
| Oct. 13, 1904  | Oct. 13, 1904                | Oct. 14, 1904   | Oct. 8, 1904                      | Oct. 8, 1904   | Oct. 9, 1904   | Oct. 21, 1904  | Oct. 20, 1904                          | .....                        | .....               |
| Sept. 16, 1904 | Sept. 17, 1904               | Sept. 20, 1904  | Sept. 10, 1904                    | Sept. 10, 1904 | Sept. 11, 1904 | Sept. 11, 1904 | Nov. 30, 1904                          | Dec. 16, 1904                | 106 18              |
| June 20, 1904  | June 21, 1904                | June 22, 1904   | July 26, 1904                     | July 29, 1904  | Aug. 10, 1904  | Sept. 20, 1904 | Sept. 20, 1904                         | .....                        | .....               |
| June 3, 1904   | June 4, 1904                 | June 6, 1904    | May 30, 1904                      | May 30, 1904   | June 4, 1904   | June 24, 1904  | June 24, 1904                          | Nov. 11, 1904                | 500 00              |

\$7,236 04

"B."

Buildings, Borough of Manhattan, Year 1905.

| Survey Held.   | Sent to Corporation Counsel. | Precept Issued. | Work Ordered.  | Work Begun.    | Work Finished. | Bill Received.    | Bill Forwarded to Corporation Counsel. | Collected by Law Department. |         |
|----------------|------------------------------|-----------------|----------------|----------------|----------------|-------------------|--|------------------------------|---------|
|                |                              |                 |                |                |                |                   |  | Date.                        | Amount. |
| .....          | .....                        | .....           | Sept. 15, 1904 | Sept. 15, 1904 | Sept. 16, 1904 | Nov. 28, 1904     | Nov. 28, 1904                          | .....                        | .....   |
| Sept. 28, 1903 | Sept. 29, 1903               | Oct. 1, 1903    | July 27, 1904  | Aug. 18, 1904  | Sept. 3, 1904  | Sept. 13, 1904    | Sept. 14, 1904                         | .....                        | .....   |
| .....          | .....                        | .....           | Nov. 23, 1904  | Nov. 23, 1904  | Nov. 23, 1904  | Nov. 28, 1904     | Jan. 14, 1905                          | .....                        | .....   |
| Sept. 6, 1904  | Sept. 9, 1904                | Sept. 9, 1904   | Dec. 27, 1904  | Dec. 28, 1904  | Jan. 11, 1905  | Jan. 18, 1905</td |  |                              |         |

| By Whom.           | Location.   | Amount.     | Date of Entry.                  | Cautionary Notice Served.     | Survey Ordered.               | Notice and Summons Served.    |
|--------------------|---|-------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Thomas J. Dunn.... | No. 139 Duane street.....   | 194 00      | Feb. 24, 1905                   | Feb. 27, 1905                 | Mar. 30, 1905                 | Mar. 31, 1905                 |
| Thomas J. Dunn.... | No. 16 Park row.....  | 71 98       | Mar. 15, 1905                   | Mar. 16, 1905                 | April 3, 1905                 | April 4, 1905                 |
| Thomas J. Dunn.... | No. 237 East One Hundred and Third street.....                                      | 92 38       | Mar. 18, 1905                   | Mar. 20, 1905                 | Mar. 21, 1905                 | Mar. 21, 1905                 |
| Thomas J. Dunn.... | Northwest corner of Eighty-eighth street and Lexington avenue.....                  | 836 15      | Mar. 20, 1905                   | Mar. 20, 1905                 | Mar. 20, 1905                 | Mar. 20, 1905                 |
| Thomas J. Dunn.... | Northwest corner of Eighty-eighth street and Lexington avenue.....                  | 230 25      | Mar. 20, 1905                   | Mar. 20, 1905                 | Mar. 20, 1905                 | Mar. 20, 1905                 |
| Thomas J. Dunn.... | No. 61 West One Hundred and Thirty-fifth street.....                                | 1,064 00    | Mar. 20, 1905                   | Mar. 20, 1905                 | Mar. 20, 1905                 | Mar. 20, 1905                 |
| Thomas J. Dunn.... | No. 2059 First avenue.....  | 88 37       | Mar. 20, 1905                   | Mar. 21, 1905                 | Mar. 21, 1905                 | Mar. 21, 1905                 |
| Thomas J. Dunn.... | No. 508 Second avenue (rear).....   | 186 64      | Mar. 20, 1905                   | Mar. 20, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | No. 602 West Thirty-seventh street.....   | 93 00       | Mar. 23, 1905                   | Mar. 23, 1905                 | April 6, 1905                 | April 7, 1905                 |
| Thomas J. Dunn.... | Northeast corner of Twenty-eighth street and Second avenue.....                     | 62 00       | April 8, 1905                   | Mar. 8, 1905                  | .....                         | .....                         |
| Thomas J. Dunn.... | No. 523 Fifth avenue.....   | 89 02       | April 4, 1905                   | Mar. 5, 1905                  | April 8, 1905                 | April 8, 1905                 |
| Thomas J. Dunn.... | No. 14 Eldridge street.....   | 1,247 54    | Nov. 12, 1904                   | Nov. 18, 1905                 | Dec. 15, 1904                 | Dec. 16, 1904                 |
| Thomas J. Dunn.... | Nos. 53 and 55 Beach street.....  | 25 25       | Mar. 27, 1905                   | Mar. 31, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | Nos. 640 to 644 West Thirty-fifth street.....                                       | 53 75       | April 12, 1905                  | April 12, 1905                | May 10, 1905                  | May 11, 1905                  |
| Thomas J. Dunn.... | Southeast corner of One Hundred and Forty-seventh street and Bradhurst avenue ..... | 343 31      | April 24, 1905                  | April 24, 1905                | April 24, 1905                | April 24, 1905                |
| Thomas J. Dunn.... | Northwest corner of Forty-first street and Broadway.....                            | 166 12      | .....                           | .....                         | .....                         | .....                         |
| Thomas J. Dunn.... | Nos. 420 to 436 East One Hundred and Sixth street.....                              | 320 33      | Mar. 23, 1905                   | Mar. 23, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | Nos. 810 to 814 Seventh avenue.....   | 458 55      | Jan. 4, 1905                    | Jan. 4, 1905                  | .....                         | .....                         |
| Thomas J. Dunn.... | No. 602 West Thirty-seventh street.....   | 479 62      | Mar. 23, 1905                   | Mar. 23, 1905                 | April 6, 1905                 | April 7, 1905                 |
| Thomas J. Dunn.... | Southwest corner of Grand and Orchard streets.....                                  | 617 54      | { April 26, 1905<br>May 1, 1905 | April 26, 1905<br>May 1, 1905 | April 26, 1905<br>May 2, 1905 | April 27, 1905<br>May 5, 1905 |
| Thomas J. Dunn.... | Nos. 127 to 131 Hester street.....  | 1,373 65    | April 14, 1905                  | April 17, 1905                | April 24, 1905                | April 25, 1905                |
| Thomas J. Dunn.... | Nos. 429 and 431 East Thirteenth street.....  | 285 53      | Jan. 6, 1903                    | Jan. 14, 1903                 | Mar. 28, 1903                 | Mar. 30, 1903                 |
| Thomas J. Dunn.... | Nos. 43 and 45 West One Hundred and Thirty-sixth street.....                        | 2,076 39    | Mar. 21, 1905                   | Mar. 22, 1905                 | Mar. 23, 1905                 | Mar. 23, 1905                 |
| Thomas J. Dunn.... | Northwest corner of One Hundred and Twenty-seventh street and Seventh avenue .....  | 15 50       | May 25, 1905                    | May 26, 1905                  | .....                         | .....                         |
| Thomas J. Dunn.... | No. 639½ Hudson street.....   | 60 24       | May 9, 1904                     | May 10, 1904                  | June 17, 1904                 | June 18, 1904                 |
| Thomas J. Dunn.... | Nos. 640 to 644 West Thirty-fourth street.....                                      | 146 00      | April 12, 1905                  | April 12, 1905                | May 10, 1905                  | May 11, 1905                  |
| Thomas J. Dunn.... | Nos. 406 and 408 Sixth avenue.....  | 186 25      | April 11, 1905                  | April 14, 1905                | June 27, 1905                 | June 28, 1905                 |
| Thomas J. Dunn.... | Nos. 78 to 81 South street.....   | 477 25      | Jan. 27, 1905                   | Jan. 28, 1905                 | Feb. 1, 1905                  | Feb. 2, 1905                  |
| Thomas J. Dunn.... | No. 174 Chambers street.....  | 18 13       | July 20, 1905                   | July 21, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | No. 727 Seventh avenue.....   | 335 50      | Mar. 16, 1905                   | Mar. 17, 1905                 | April 3, 1905                 | April 4, 1905                 |
| Thomas J. Dunn.... | North side of One Hundred and Thirty-sixth street, near Broadway.....               | 392 50      | June 27, 1905                   | June 28, 1905                 | June 28, 1905                 | June 28, 1905                 |
| Thomas J. Dunn.... | Southeast corner of Forty-fifth street and Madison avenue.....                      | 32 38       | Aug. 30, 1905                   | Aug. 30, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | No. 87 Vandam street.....   | 41 50       | Sept. 5, 1905                   | Sept. 7, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | No. 159 Grand street (rear).....  | 899 63      | Jan. 15, 1903                   | Jan. 17, 1903                 | Oct. 17, 1903                 | Oct. 17, 1903                 |
| Thomas J. Dunn.... | Nos. 352 to 362 West Thirteenth street.....   | 980 74      | July 8, 1905                    | July 13, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | No. 46 East Fourteenth and No. 47 East Thirteenth street.....                       | 1,287 28    | June 29, 1905                   | June 30, 1905                 | July 1, 1905                  | July 3, 1905                  |
| Thomas J. Dunn.... | No. 39 Sullivan street.....   | 1,324 90    | July 3, 1905                    | July 5, 1905                  | July 24, 1905                 | July 25, 1905                 |
| Thomas J. Dunn.... | No. 123 Avenue D.....   | 2,396 08    | Mar. 25, 1904                   | Mar. 26, 1904                 | Mar. 13, 1905                 | Mar. 14, 1905                 |
| Thomas J. Dunn.... | No. 169 Suffolk street.....   | 19 50       | Sept. 11, 1905                  | Sept. 13, 1905                | .....                         | .....                         |
| Thomas J. Dunn.... | No. 206 East Eighty-eighth street.....  | 30 75       | Sept. 25, 1905                  | Sept. 28, 1905                | .....                         | .....                         |
| Thomas J. Dunn.... | No. 639 East Twelfth street.....  | 344 36      | Sept. 18, 1905                  | Sept. 20, 1905                | .....                         | .....                         |
| Thomas J. Dunn.... | No. 208 Grand street.....   | 344 76      | Sept. 16, 1905                  | Sept. 20, 1905                | Sept. 23, 1905                | Sept. 25, 1905                |
| Thomas J. Dunn.... | Nos. 45 and 45½ Division street.....  | 488 50      | June 30, 1905                   | July 5, 1905                  | Aug. 10, 1905                 | Aug. 12, 1905                 |
| Thomas J. Dunn.... | No. 208 Grand street.....   | 6 75        | Sept. 16, 1905                  | Sept. 20, 1905                | Sept. 23, 1905                | Sept. 25, 1905                |
| Thomas J. Dunn.... | Nos. 613 and 615 West Fifty-fifth street.....                                       | 37 25       | Aug. 19, 1905                   | Aug. 24, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | Nos. 104 and 106 Second avenue.....   | 64 46       | Sept. 26, 1905                  | Sept. 26, 1905                | Oct. 2, 1905                  | Oct. 3, 1905                  |
| Thomas J. Dunn.... | Nos. 312 and 314 East One Hundred and Second street.....                            | 629 28      | Aug. 4, 1905                    | Aug. 5, 1905                  | Sept. 11, 1905                | Sept. 12, 1905                |
| Thomas J. Dunn.... | No. 218 East Twenty-ninth street.....   | 1,526 03    | { July 18, 1905<br>.....        | July 19, 1905                 | Aug. 10, 1905                 | Aug. 12, 1905                 |
| Thomas J. Dunn.... | No. 202 Grand street.....   | 1,552 10    | Sept. 7-8, '05                  | Sept. 7-8, 1905               | .....                         | .....                         |
| Thomas J. Dunn.... | No. 315 East Thirty-first street.....   | 1,739 63    | July 12, 1905                   | July 14, 1905                 | Sept. 13, 1905                | Sept. 14, 1905                |
| Thomas J. Dunn.... | No. 284 St. Nicholas avenue.....  | 319 70      | Nov. 4, 1905                    | Nov. 6, 1905                  | .....                         | .....                         |
| Thomas J. Dunn.... | South side of East Tenth street and East river.....                                 | 404 00      | June 29, 1905                   | June 29, 1905                 | July 22, 1905                 | July 24, 1905                 |
| Thomas J. Dunn.... | No. 61 Macdougal street.....  | 117 49      | Nov. 20, 1905                   | Nov. 20, 1905                 | .....                         | .....                         |
| Thomas J. Dunn.... | Nos. 182 and 184 East One Hundred and Fourth street.....                            | 22 30       | .....                           | .....                         | .....                         | .....                         |
| Thomas J. Dunn.... | No. 541 West Twenty-second street.....  | 334 01      | Nov. 29, 1905                   | Dec. 1, 1905                  | .....                         | .....                         |
|                    | Total.....  | \$38,685 37 |                                 |                               |                               |                               |
|                    | Collected by Law Department.....  | 13,533 58   |                                 |                               |                               |                               |
|                    | Uncollected by Law Department.....  | \$25,151 79 |                                 |                               |                               |                               |

## No. 1808t.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, February 26, 1907.

Subject—Report Showing Monthly and Yearly Attendance, Interior and Free Floating Baths, Years 1904, 1905 and 1906, Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Dear Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, and for the information of J. P. Mitchel, Esq., special counsel, we beg to transmit this, our twentieth report of the monthly and yearly attendance at the "interior and free floating baths," for the years 1904, 1905 and 1906, as shown by the records of the Bureau of Public Baths and Comfort Stations, said information being contained in a series of ten tables hereto attached.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

TABLE No. 1.  
Attendance at Interior Baths, Years 1904, 1905 and 1906.  
Bath, Nos. 326 and 328 Rivington Street, Manhattan.

|               | 1904.  |          |         | 1905.  |          |         | 1906.  |          |         |
|---------------|--------|----------|---------|--------|----------|---------|--------|----------|---------|
|               | Males. | Females. | Total.  | Males. | Females. | Total.  | Males. | Females. | Total.  |
| January ..... | 27,896 | 14,350   | 42,246  | 26,825 | 9,940    | 36,765  | 35,610 | 19,640   | 55,250  |
| February ...  | 22,147 | 10,875   | 33,022  | 25,150 | 10,960   | 36,110  | 28,940 | 15,060   | 44,000  |
| March .....   | 36,352 | 19,625   | 55,977  | 34,520 | 17,150   | 51,670  | 34,400 | 17,800   | 52,200  |
| April .....   | 27,160 | 16,003   | 43,163  | 34,950 | 17,770   | 52,720  | 36,720 | 21,550   | 58,270  |
| May .....     | 41,733 | 25,446   | 67,179  | 43,010 | 23,630   | 66,640  | 38,340 | 23,350   | 61,690  |
| June .....    | 63,488 | 40,110   | 103,598 | 54,320 | 32,280   | 86,520  | 70,970 | 44,000   | 114,070 |
| July .....    | 70,624 | 46,422   | 117,046 | 71,760 | 40,840   | 112,620 | 62,320 | 38,530   | 100,850 |
| August .....  | 72,140 | 46,710   | 118,850 | 55,970 | 33,450   | 89,420  |        |          |         |

| Survey Held.   | Sent to Corporation Counsel. | Precept Issued. | Work Ordered.                         | Work Begun.    | Work Finished. | Bill Received. | Bill Forwarded to Corporation Counsel. | Collected by Law Department. |          |
|----------------|------------------------------|-----------------|---------------------------------------|----------------|----------------|----------------|--|------------------------------|----------|
|                |                              |                 |                                       |                |                |                |  | Date.                        | Amount.  |
| April 1, 1905  | April 3, 1905                | April 5, 1905   | Mar. 3, 1905                          | Mar. 3, 1905   | Mar. 4, 1905   | Mar. 24, 1905  | Mar. 24, 1905                          | April 17, 1905               | 194 00   |
| April 5, 1905  | April 6, 1905                | .....           | Mar. 15, 1905                         | Mar. 15, 1905  | Mar. 15, 1905  | Mar. 24, 1905  | Mar. 24, 1905                          | .....                        | .....    |
| Mar. 22, 1905  | Mar. 22, 1905                | Mar. 24, 1905   | Mar. 19, 1905                         | Mar. 19, 1905  | Mar. 20, 1905  | Mar. 25, 1905  | Mar. 28, 1905                          | .....                        | .....    |
| Mar. 21, 1905  | Mar. 21, 1905                | Mar. 22, 1905   | Mar. 19, 1905                         | Mar. 19, 1905  | Mar. 21, 1905  | July 4, 1905   | July 4, 1905                           | .....                        | .....    |
| Mar. 21, 1905  | Mar. 21, 1905                | Mar. 22, 1905   | Mar. 19, 1905                         | Mar. 22, 1905  | Mar. 22, 1905  | July 5, 1905   | July 5, 1905                           | Aug. 1, 1905                 | 230 25   |
| Mar. 21, 1905  | Mar. 21, 1905                | Mar. 22, 1905   | Mar. 19, 1905                         | Mar. 22, 1905  | April 1, 1905  | April 3, 1905  | April 11, 1905                         | April 11, 1905               | 1,064 00 |
| Mar. 22, 1905  | Mar. 21, 1905                | Mar. 24, 1905   | Mar. 20, 1905                         | Mar. 20, 1905  | Mar. 21, 1905  | Mar. 24, 1905  | Mar. 25, 1905                          | .....                        | .....    |
| .....          | .....                        | .....           | Mar. 20, 1905                         | Mar. 20, 1905  | Mar. 22, 1905  | April 1, 1905  | April 1, 1905                          | .....                        | .....    |
| April 8, 1905  | April 10, 1905               | April 11, 1905  | Mar. 23, 1905                         | Mar. 23, 1905  | Mar. 23, 1905  | April 1, 1905  | April 1, 1905                          | April 20, 1905               | .....    |
| .....          | .....                        | .....           | April 8, 1905                         | April 8, 1905  | April 8, 1905  | April 14, 1905 | April 14, 1905                         | April 14, 1905               | .....    |
| April 10, 1905 | April 10, 1905               | April 11, 1905  | April 19, 1905                        | April 19, 1905 | April 19, 1905 | April 27, 1905 | April 27, 1905                         | April 28, 1905               | 89 02    |
| Dec. 17, 1904  | Dec. 19, 1904                | Dec. 20, 1904   | Mar. 3, 1905                          | Mar. 3, 1905   | April 7, 1905  | April 14, 1905 | April 14, 1905                         | Nov. 28, 1905                | 1,247 54 |
| .....          | .....                        | .....           | Mar. 28, 1905                         | Mar. 28, 1905  | Mar. 28, 1905  | April 14, 1905 | April 14, 1905                         | .....                        | .....    |
| May 13, 1905   | May 15, 1905                 | May 16, 1905    | April 12, 1905                        | April 12, 1905 | April 13, 1905 | May 8, 1905    | May 8, 1905                            | .....                        | .....    |
| April 24, 1905 | April 24, 1905               | April 25, 1905  | April 21, 1905                        | April 21, 1905 | April 21, 1905 | April 24, 1905 | April 25, 1905                         | April 25, 1905               | 343 31   |
| .....          | .....                        | .....           | April 11, 1905                        | April 11, 1905 | April 14, 1905 | May 8, 1905    | May 8, 1905                            | .....                        | .....    |
| .....          | .....                        | .....           | Mar. 24, 1905                         | Mar. 24, 1905  | Mar. 25, 1905  | May 27, 1905   | May 31, 1905                           | .....                        | .....    |
| .....          | .....                        | .....           | Mar. 13, 1905                         | Mar. 13, 1905  | Mar. 15, 1905  | May 3, 1905    | May 4, 1905                            | May 16, 1905                 | 458 55   |
| April 8, 1905  | April 10, 1905               | April 11, 1905  | April 20, 1905                        | April 20, 1905 | April 24, 1905 | May 8, 1905    | May 8, 1905                            | .....                        | .....    |
| April 28, 1905 | April 29, 1905               | May 3, 1905     | .....                                 | .....          | .....          | .....          | .....                                  | .....                        | .....    |
| May 5, 1905    | May 6, 1905                  | May 9-10, 1905  | April 25, 1905                        | April 25, 1905 | April 26, 1905 | May 4, 1905    | May 5, 1905                            | .....                        | .....    |
| April 26, 1905 | April 27, 1905               | April 28, 1905  | April 14, 1905                        | April 14, 1905 | April 19, 1905 | May 8, 1905    | May 8, 1905                            | .....                        | .....    |
| Mar. 31, 1903  | April 1, 1903                | May 8, 1903     | Mar. 13, 1905                         | Mar. 13, 1905  | Mar. 16, 1905  | May 2, 1905    | May 2, 1905                            | .....                        | .....    |
| Mar. 24, 1905  | Mar. 25, 1905                | Mar. 28, 1905   | Mar. 22, 1905                         | Mar. 22, 1905  | Mar. 27, 1905  | April 13, 1905 | April 14, 1905                         | .....                        | .....    |
| .....          | .....                        | .....           | June 27, 1905                         | June 27, 1905  | June 27, 1905  | June 29, 1905  | June 29, 1905                          | .....                        | .....    |
| June 20, 1904  | June 21, 1904                | June 22, 1904   | June 5, 1905                          | June 5, 1905   | June 26, 1905  | June 27, 1905  | June 29, 1905                          | June 30, 1905                | .....    |
| May 13, 1905   | May 15, 1905                 | May 16, 1905    | June 5, 1905                          | June 5, 1905   | June 8, 1905   | June 9, 1905   | June 19, 1905                          | Dec. 29, 1905                | 146 00   |
| June 29, 1905  | June 29, 1905                | June 30, 1905   | June 29, 1905                         | June 29, 1905  | July 1, 1905   | July 3, 1905   | July 8, 1905                           | 186 25                       | .....    |
| Feb. 3, 1905   | Feb. 4, 1905                 | Feb. 7, 1905    | June 5, 1905                          | June 8, 1905   | June 14, 1905  | June 23, 1905  | June 23, 1905                          | Dec. 8, 1905                 | 477 25   |
| .....          | .....                        | .....           | July 19, 1905                         | July 21, 1905  | July 21, 1905  | July 23, 1905  | July 26, 1905                          | .....                        | .....    |
| April 5, 1905  | April 6, 1905                | .....           | { June 2, 1905 }<br>{ Mar. 13, 1905 } | June 5, 1905   | June 10, 1905  | June 19, 1905  | June 20, 1905                          | Nov. 20, 1905                | 100 00   |
| June 29, 1905  | June 29, 1905                | June 30, 1905   | June 26, 1905                         | June 26, 1905  | June 27, 1905  | June 29, 1905  | June 30, 1905                          | .....                        | .....    |
| .....          | .....                        | .....           | Aug. 28, 1905                         | Aug. 28, 1905  | Aug. 28, 1905  | Aug. 30, 1905  | Aug. 31, 1905                          | .....                        | .....    |
| Oct. 19, 1903  | Oct. 21, 1903                | Oct. 22, 1903   | June 5, 1905                          | June 15, 1905  | June 24, 1905  | June 29, 1905  | June 29, 1905                          | Nov. 23, 1905                | 899 63   |
| .....          | .....                        | .....           | July 8, 1905                          | July 8, 1905   | July 10, 1905  | July 15, 1905  | July 15, 1905                          | .....                        | .....    |
| July 5, 1905   | July 6, 1905                 | July 7, 1905    | July 14, 1905                         | July 15, 1905  | July 20, 1905  | July 22, 1905  | Sept. 1905                             | .....                        | .....    |
| July 26, 1905  | July 27, 1905                | July 28, 1905   | Aug. 8, 1905                          | Aug. 9, 1905   | Aug. 18, 1905  | Aug. 23, 1905  | Aug. 26, 1905                          | Sept. 20, 1905               | 1,324 90 |
| Mar. 15, 1905  | Mar. 16, 1905                | Mar. 20, 1905   | June 5, 1905                          | June 12, 1905  | July 21, 1905  | July 26, 1905  | Aug. 1, 1905                           | .....                        | .....    |
| .....          | .....                        | .....           | Sept. 11, 1905                        | Sept. 11, 1905 | Sept. 11, 1905 | Sept. 14, 1905 | Sept. 15, 1905                         | .....                        | .....    |
| .....          | .....                        | .....           | Sept. 23, 1905                        | Sept. 23, 1905 | Sept. 23, 1905 | Sept. 26, 1905 | Sept. 27, 1905                         | .....                        | .....    |
| .....          | .....                        | .....           | Sept. 18, 1905                        | Sept. 18, 1905 | Sept. 19, 1905 | Sept. 21, 1905 | Sept. 26, 1905                         | .....                        | .....    |
| Sept. 26, 1905 | Sept. 27, 1905               | Sept. 29, 1905  | Sept. 20, 1905                        | Sept. 20, 1905 | Sept. 21, 1905 | Sept. 22, 1905 | Sept. 25, 1905                         | Oct. 5, 1905                 | 344 76   |
| Aug. 14, 1905  | Aug. 14, 1905                | Aug. 15, 1905   | Sept. 1, 1905                         | Sept. 5, 1905  | Sept. 13, 1905 | Sept. 19, 1905 | Sept. 21, 1905                         | .....                        | .....    |
| Sept. 26, 1905 | Sept. 27, 1905               | Sept. 29, 1905  | Oct. 18, 1905                         | Oct. 18, 1905  | Oct. 18, 1905  | Oct. 21, 1905  | Oct. 24, 1905                          | .....                        | .....    |
| .....          | .....                        | .....           | Sept. 26, 1905                        | Sept. 26, 1905 | Sept. 26, 1905 | Sept. 28, 1905 | Oct. 16, 1905                          | .....                        | .....    |
| Oct. 5, 1905   | Oct. 6, 1905                 | Oct. 6, 1905    | Sept. 26, 1905                        | Sept. 26, 1905 | Sept. 26, 1905 | Oct. 12, 1905  | Oct. 12, 1905                          | Oct. 12, 1905                | 64 46    |
| Sept. 13, 1905 | Sept. 14, 1905               | Sept. 15, 1905  | Sept. 19, 1905                        | Sept. 20, 1905 | Sept. 23, 1905 | Oct. 7, 1905   | Oct. 9, 1905                           | Dec. 26, 1905                | 629 28   |
| Aug. 14, 1905  | Aug. 14, 1905                | Aug. 18, 1905   | .....                                 | Sept. 1, 1905  | Sept. 22, 1905 | Oct. 11, 1905  | Oct. 13, 1905                          | .....                        | .....    |
| Sept. 23, 1905 | Sept. 25, 1905               | Sept. 26, 1905  | Aug. 31, 1905                         | Oct. 2, 1905   | Sept. 7, 1905  | Sept. 14, 1905 | Sept. 16, 1905                         | .....                        | .....    |
| .....          | .....                        | .....           | Sept. 7, 1905                         | Sept. 7, 1905  | Sept. 11, 1905 | Sept. 14, 1905 | Sept. 16, 1905                         | .....                        | .....    |
| Sept. 15, 1905 | Sept. 16, 1905               | Sept. 20, 1905  | Sept. 12, 1905                        | Sept. 12, 1905 | Sept. 19, 1905 | Oct. 3, 1905   | Oct. 6, 1905                           | .....                        | .....    |
| .....          | .....                        | .....           | Nov. 6, 1905                          | Nov. 6, 1905   | Nov. 7, 1905   | Nov. 13, 1905  | Nov. 13, 1905                          | .....                        | .....    |
| July 25, 1905  | July 26, 1905                | July 28, 1905   | Sept. 8, 1905                         | Sept. 12, 1905 | Sept. 16, 1905 | Oct. 26, 1905  | Oct. 27, 1905                          | Jan. 16, 1906                | 404 00   |
| .....          | .....                        | .....           | Nov.                                  |                |                |                |  |                              |          |

TABLE No. 4.

|                 | 1905.  |          |        | 1906.   |          |         |
|-----------------|--------|----------|--------|---------|----------|---------|
|                 | Males. | Females. | Total. | Males.  | Females. | Total   |
| January .....   | .....  | .....    | .....  | 16,075  | 4,875    | 20,950  |
| February .....  | .....  | .....    | .....  | 15,510  | 3,665    | 19,175  |
| March .....     | .....  | .....    | .....  | 18,150  | 5,190    | 23,340  |
| April .....     | .....  | .....    | .....  | 21,500  | 7,340    | 28,840  |
| May .....       | .....  | .....    | .....  | 25,950  | 8,020    | 33,970  |
| June .....      | .....  | .....    | .....  | 53,206  | 18,121   | 71,327  |
| July .....      | .....  | .....    | .....  | 60,704  | 24,644   | 85,348  |
| August .....    | .....  | .....    | .....  | 61,412  | 27,438   | 88,850  |
| September ..... | .....  | .....    | .....  | 34,350  | 13,575   | 47,925  |
| October .....   | .....  | .....    | .....  | 46,160  | 17,650   | 63,810  |
| November .....  | 700    | 300      | 1,000  | 36,130  | 13,750   | 49,880  |
| December .....  | 12,625 | 3,805    | 16,430 | 43,565  | 15,390   | 58,955  |
|                 | 13,325 | 4,105    | 17,430 | 432,712 | 159,658  | 592,370 |

TABLE No. 5.  
Attendance at Interior Baths, Years 1904, 1905 and 1906.  
Bath Nos. 538 and 540 East Eleventh Street, Manhattan.

|           | 1900.   |          |         |
|-----------|---------|----------|---------|
|           | Males.  | Females. | Total.  |
| January   | 8,536   | 3,845    | 12,381  |
| February  | 4,275   | 1,840    | 6,115   |
| March     | 5,526   | 2,011    | 7,537   |
| April     | 8,570   | 2,653    | 11,223  |
| May       | 28,652  | 10,458   | 39,110  |
| June      | 47,600  | 15,800   | 63,400  |
| July      | 50,000  | 19,000   | 69,000  |
| August    | 91,000  | 26,000   | 117,000 |
| September | 47,650  | 14,750   | 62,400  |
| October   | 23,891  | 8,243    | 32,134  |
| November  | 15,750  | 4,000    | 19,750  |
| December  | 7,600   | 2,850    | 10,450  |
|           | 339,050 | 111,450  | 450,500 |

TABLE No. 6.  
Attendance at Interior Baths, Years 1904, 1905 and 1906.  
Bath Nos. 573 and 575 East Seventy-sixth Street, Manhattan.

|           | 1900.   |          |         |
|-----------|---------|----------|---------|
|           | Males.  | Females. | Total.  |
| January   | .....   | .....    | .....   |
| February  | 1,858   | 785      | 2,643   |
| March     | 9,929   | 5,094    | 15,023  |
| April     | 7,987   | 4,638    | 12,625  |
| May       | 14,480  | 6,324    | 20,804  |
| June      | 27,536  | 11,089   | 38,625  |
| July      | 32,865  | 13,185   | 46,050  |
| August    | 37,828  | 17,675   | 55,503  |
| September | 61,790  | 16,323   | 78,113  |
| October   | 12,401  | 4,669    | 17,070  |
| November  | 8,050   | 3,886    | 12,536  |
| December  | 7,226   | 3,389    | 10,615  |
|           | 222,550 | 87,057   | 309,607 |

TABLE No. 7.  
Attendance at Interior Baths, Years 1904, 1905 and 1906.  
Bath Nos. 232 and 234 West Sixtieth Street, Manhattan.

|                     | 1900.   |          |         |
|---------------------|---------|----------|---------|
|                     | Males.  | Females. | Total.  |
| January . . . . .   | .....   | .....    | .....   |
| February . . . . .  | .....   | .....    | .....   |
| March . . . . .     | .....   | .....    | .....   |
| April . . . . .     | .....   | .....    | .....   |
| May . . . . .       | .....   | .....    | .....   |
| June . . . . .      | 8,711   | 1,680    | 10,391  |
| July . . . . .      | 28,091  | 12,795   | 41,786  |
| August . . . . .    | 38,079  | 10,144   | 48,223  |
| September . . . . . | 24,129  | 6,693    | 30,822  |
| October . . . . .   | 13,644  | 8,861    | 22,505  |
| November . . . . .  | 7,920   | 5,905    | 13,825  |
| December . . . . .  | 9,465   | 7,085    | 16,550  |
|                     | 130,939 | 53,163   | 184,102 |

TABLE No. 8.  
Attendance at Free Floating Baths, Manhattan, Years 1904, 1905 and 1906

| 1904.    |              |        |         |         |          |              |        |         |         |
|----------|--------------|--------|---------|---------|----------|--------------|--------|---------|---------|
| Bath No. | Date.        | Male.  | Female. | Total.  | Bath No. | Date.        | Male.  | Female. | Total   |
| 2        | July .....   | 70,600 | 25,500  | 96,100  | 8        | July .....   | 15,740 | 7,085   | 22,825  |
| 2        | August ..... | 29,000 | 23,200  | 52,200  | 8        | August ..... | 39,779 | 10,581  | 50,360  |
| 2        | September .. | 10,450 | 7,800   | 18,250  | 8        | September .. | 11,250 | 4,795   | 16,045  |
| 3        | July .....   | 58,300 | 40,040  | 98,340  | 9        | July .....   | 98,200 | 43,182  | 141,382 |
| 3        | August ..... | 65,050 | 45,240  | 110,290 | 9        | August ..... | 84,000 | 42,250  | 126,250 |
| 3        | September .. | 13,900 | 8,875   | 32,775  | 9        | September .. | 8,500  | 2,100   | 10,600  |

| Bath No. | Date.        | Male.  | Female. | Total.  | Bath No.  | Date.        | Male.   | Female. | Total.  |
|----------|--------------|--------|---------|---------|-----------|--------------|---------|---------|---------|
| 4        | July .....   | 73,500 | 31,400  | 104,900 | 10        | July .....   | 77,394  | 27,296  | 104,690 |
| 4        | August ..... | 58,500 | 29,500  | 88,000  | 10        | August ..... | 58,717  | 16,112  | 74,829  |
| 4        | September .. | 7,500  | 3,500   | 11,000  | 10        | September .. | 7,319   | 4,309   | 11,628  |
| 5        | July .....   | 86,498 | 35,450  | 121,948 | 11        | July .....   | 56,000  | 7,000   | 63,000  |
| 5        | August ..... | 98,630 | 41,185  | 139,815 | 11        | August ..... | 47,000  | 9,550   | 56,550  |
| 5        | September .. | 17,160 | 8,280   | 25,440  | 11        | September .. | 7,000   | 1,200   | 8,200   |
| 6        | July .....   | 58,035 | 35,035  | 93,070  | 12        | August ..... | 24,000  | 13,000  | 37,000  |
| 6        | August ..... | 89,383 | 57,310  | 146,693 | 12        | September .. | 35,000  | 19,800  | 54,800  |
| 6        | September .. | 9,777  | 4,400   | 14,177  | 14        | July .....   | 57,000  | 25,075  | 82,075  |
| 7        | July .....   | 53,800 | 19,800  | 73,600  | 14        | August ..... | 73,650  | 33,665  | 107,315 |
| 7        | August ..... | 54,400 | 20,100  | 74,500  | 14        | September .. | 12,600  | 5,000   | 17,600  |
| 7        | September .. | 7,200  | 1,250   | 8,450   | 15        | July .....   | 135,000 | 75,000  | 210,000 |
|          |              |        |         |         | 15        | August ..... | 120,000 | 65,000  | 185,000 |
|          |              |        |         |         | 15        | September .. | 82,000  | 46,000  | 128,000 |
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TABLE No. 9.

1905.

| Bath No. | Date.           | Male.  | Female. | Total.  | Bath No. | Date.           | Male.   | Female. | Total.  |
|----------|-----------------|--------|---------|---------|----------|-----------------|---------|---------|---------|
| 1        | July .....      | 12,793 | 5,700   | 18,493  | 8        | July .....      | 55,236  | 12,901  | 62,137  |
| 1        | August .....    | 30,822 | 13,375  | 44,197  | 8        | August .....    | 90,049  | 22,791  | 112,840 |
| 1        | September ..... | 5,931  | 1,791   | 7,722   | 8        | September ..... | 26,930  | 8,055   | 34,985  |
| 1        | October .....   | 715    | 144     | 859     | 8        | October .....   | 580     | 400     | 980     |
| 2        | July .....      | 90,000 | 48,700  | 138,700 | 9        | July .....      | 87,000  | 37,300  | 124,300 |
| 2        | August .....    | 80,700 | 36,350  | 117,050 | 9        | August .....    | 70,000  | 41,320  | 111,320 |
| 2        | September ..... | 18,800 | 6,525   | 25,325  | 9        | September ..... | 7,300   | 5,450   | 12,750  |
| 2        | October .....   | 1,100  | 130     | 1,230   | 9        | October .....   | 800     | 350     | 1,150   |
| 3        | July .....      | 51,300 | 33,200  | 84,500  | 10       | July .....      | 44,935  | 20,065  | 65,000  |
| 3        | August .....    | 40,000 | 29,200  | 69,300  | 10       | August .....    | 46,365  | 18,315  | 64,680  |
| 3        | September ..... | 9,850  | 8,700   | 18,550  | 10       | September ..... | 8,770   | 2,385   | 11,095  |
| 3        | October .....   | 1,250  | 750     | 2,000   | 10       | October .....   | 845     | 350     | 1,195   |
| 4        | July .....      | 17,980 | 15,200  | 33,180  | 11       | July .....      | 49,000  | 12,687  | 61,687  |
| 4        | August .....    | 30,350 | 28,600  | 58,950  | 11       | August .....    | 63,000  | 29,099  | 92,099  |
| 4        | September ..... | 8,820  | 7,400   | 16,220  | 11       | September ..... | 25,600  | 4,549   | 30,149  |
| 4        | October .....   | 355    | 300     | 655     | 11       | October .....   | .....   | .....   | .....   |
| 5        | July .....      | 73,050 | 36,380  | 109,630 | 12       | July .....      | 68,500  | 44,900  | 113,400 |
| 5        | August .....    | 72,710 | 24,650  | 97,360  | 12       | August .....    | 147,300 | 62,900  | 210,200 |
| 5        | September ..... | 12,970 | 1,863   | 14,833  | 12       | September ..... | 30,640  | 6,900   | 37,540  |
| 5        | October .....   | 520    | 210     | 730     | 12       | October .....   | 2,625   | 650     | 3,175   |
| 6        | July .....      | 20,390 | 10,640  | 31,030  | 14       | July .....      | 49,800  | 6,100   | 55,900  |
| 6        | August .....    | 38,870 | 25,215  | 63,785  | 14       | August .....    | 66,425  | 19,770  | 86,195  |
| 6        | September ..... | 12,600 | 6,150   | 18,750  | 14       | September ..... | 21,480  | 5,900   | 27,380  |
| 6        | October .....   | 8,750  | 5,400   | 14,150  | 14       | October .....   | 900     | 550     | 1,450   |
| 7        | July .....      | 4,534  | 832     | 5,366   | 15       | July .....      | 123,000 | 103,515 | 226,515 |
| 7        | August .....    | 55,659 | 22,106  | 77,765  | 15       | August .....    | 59,270  | 43,900  | 103,170 |
| 7        | September ..... | 16,825 | 7,965   | 24,790  | 15       | September ..... | 7,950   | 7,400   | 15,350  |
| 7        | October .....   | 1,065  | 375     | 1,440   | 15       | October .....   | 1,900   | 1,800   | 3,700   |

TABLE No. 10.

| 1906.    |               |        |         |         |          |               |         |         |         |
|----------|---------------|--------|---------|---------|----------|---------------|---------|---------|---------|
| Bath No. | Date.         | Male.  | Female. | Total.  | Bath No. | Date.         | Male.   | Female. | Total.  |
| 2        | July .....    | 42,000 | 23,750  | 65,750  | 9        | July .....    | 43,900  | 25,280  | 69,180  |
| 2        | August .....  | 69,050 | 42,940  | 111,990 | 9        | August .....  | 30,400  | 25,100  | 55,500  |
| 2        | September ..  | 39,936 | 14,750  | 54,686  | 9        | September ..  | 9,100   | 5,700   | 14,800  |
| 2        | October ..... | 4,040  | 1,675   | 5,715   | 10       | July .....    | 119,900 | 45,950  | 165,850 |
| 3        | July .....    | 23,100 | 16,800  | 39,900  | 10       | August .....  | 105,500 | 54,500  | 160,000 |
| 3        | August .....  | 43,000 | 36,000  | 79,000  | 10       | September ..  | 43,800  | 12,325  | 56,125  |
| 3        | September ..  | 26,000 | 16,625  | 42,625  | 11       | July .....    | 39,700  | 10,454  | 50,124  |
| 3        | October ..... | 10,000 | 5,000   | 15,000  | 11       | August .....  | 96,600  | 64,000  | 160,600 |
| 4        | July .....    | 41,900 | 21,900  | 63,800  | 11       | September ..  | 70,900  | 47,600  | 118,500 |
| 4        | August .....  | 94,850 | 50,300  | 145,150 | 11       | October ..... | 8,700   | 2,899   | 11,500  |
| 4        | September ..  | 44,560 | 16,660  | 61,220  | 12       | August .....  | 60,900  | 23,010  | 83,910  |



| To Whom Paid and Description.                              | Amount.     | Total. | To Whom Paid and Description.           | Amount.    | Total.      |
|--|-------------|--------|---|------------|-------------|
| M. J. Sullivan, carting and removing furniture.....        | \$336 00    |        | John McCarthy, drip pans .....          | \$131 70   |             |
| John Collins, carting and removing furniture.....          | 1,579 33    |        | T. B. Stearns Company, automobiles..... | \$5,000 00 | 131 70      |
| John Redfield, carting and removing furniture.....         | 65 00       |        | Public Institutions, sundries .....     | \$494 64   | 5,000 00    |
| John J. Towney, iron work and repairs, etc.....            | \$504 90    |        | Sundry persons, sundries.....           | \$337 66   | 494 64      |
| United Heating Company, iron work and repairs, etc.....    | 542 20      |        |   |            | 337 66      |
| McGlynn, Hays & Co., iron work and repairs, etc.....       | 784 60      |        |   |            |             |
| Pearson McGlynn Company, iron work and repairs, etc.....   | 136 95      |        |   |            |             |
| H. Harwitz, electrical work.....                           | \$3,241 68  |        | Total.....                              |            | \$27,637 66 |
| Holmes Electric Company, electrical work.....              | 90 00       |        |   |            |             |
| Electric Carriage Call Company, electrical work.....       | 1,995 32    |        |   |            |             |
| C. H. Peckwith, shoring.....                               | \$2,541 84  |        |   |            |             |
| Thos. D. Connors, shoring.....                             | 943 00      |        |   |            |             |
| Kanouse Water Company, water.....                          | \$28 00     |        |   |            |             |
| Krystillied Water Company, water.....                      | 61 00       |        |   |            |             |
| Doherty & Co., carpets and furniture.....                  | \$3,098 85  |        |   |            |             |
| Arnold-Constable Company, carpets and furniture.....       | 281 80      |        |   |            |             |
| Jno. D. Fitzpatrick, carpets and furniture.....            | 13 80       |        |   |            |             |
| Thos. Bowe, carpets and furniture.....                     | 477 85      |        |   |            |             |
| S. Fink & Co., carpets and furniture.....                  | 224 64      |        |   |            |             |
| Frank Gall, carpets and furniture.....                     | 2,001 25    |        |   |            |             |
| Metropolitan Equipment Company, carpets and furniture..... | 1,110 00    |        |   |            |             |
| J. H. Little Company, carpets and furniture.....           | 55 00       |        |   |            |             |
| Fenn Bros., carpets and furniture.....                     | 25 00       |        |   |            |             |
| Globe-Wernicke Company, carpets and furniture.....         | 68 25       |        |   |            |             |
| Derby Desk Company, carpets and furniture.....             | 80 00       |        |   |            |             |
| Library Bureau, carpets and furniture.....                 | 66 00       |        |   |            |             |
| Thomas Sullivan & Co., carpets and furniture.....          | 76 55       |        |   |            |             |
| M. Keavey, roofs and roofing.....                          | \$2,660 90  |        |   |            |             |
| John McCarthy, roofs and roofing.....                      | 1,212 84    |        |   |            |             |
| Caspar Hans, mason work.....                               | \$721 26    |        |   |            |             |
| George Hildebrand, mason work.....                         | 1,289 50    |        |   |            |             |
| J. L. Gray, mason work.....                                | 680 60      |        |   |            |             |
| C. L. Eidlitz & Co., plans and specifications.....         | \$482 50    |        |   |            |             |
| Metropolitan Equipment Supply Company, sundries.....       | 4,882 84    |        |   |            |             |
| John H. Parker, wire screens.....                          | 816 00      |        |   |            |             |
| Borne Scrymser, cylinder oil, etc.....                     | \$179 42    |        |   |            |             |
| S. Morehead & Co. cylinder oil, etc.....                   | 153 90      |        |   |            |             |
| Chas. Gateson, covering tanks, pipes, etc.....             | \$1,891 63  |        |   |            |             |
| M. Helborn, covering tanks, pipes, etc.....                | 205 80      |        |   |            |             |
| Herring-Hall-Marvin Company, safes.....                    | \$1,275 00  |        |   |            |             |
| Mittnacht Eagle Safe Company, safes.....                   | 190 00      |        |   |            |             |
| John Eagan, lumber .....                                   | \$660 07    |        |   |            |             |
| Jos. J. Glennon, Scouree soap powder, disinfectant.....    | \$70 00     |        |   |            |             |
| Reichard & Sons, disinfectant.....                         | 905 56      |        |   |            |             |
| P. W. Frank Disinfectant Company, disinfectant.....        | 55 00       |        |   |            |             |
| Antozone Chemical Company, disinfectant.....               | 104 00      |        |   |            |             |
| L Samuels, dusters and toilet paper.....                   | \$352 50    |        |   |            |             |
| Jas. J. Godfrey, wharfage.....                             | \$792 00    |        |   |            |             |
| E. Sweeney, wharfage .....                                 | 774 00      |        |   |            |             |
| Public institutions, sundries.....                         | \$3,888 55  |        |   |            |             |
| Victor Heating Company, iron work, grates, grate bars..... | \$772 43    |        |   |            |             |
| Jos. Beggs, iron work, grates, grate bars.....             | 30 37       |        |   |            |             |
| C. Yingling & Co, iron work, grates, grate bars.....       | 295 00      |        |   |            |             |
| Chas. H. Peckwith, repairs.....                            | 1,097 80    |        |   |            |             |
| Peter McKay, glazing.....                                  | 499 90      |        |   |            |             |
| Sundry persons, sundries.....                              | 218 24      |        |   |            |             |
|  | 730 25      |        |   |            |             |
| Total.....   | \$90,836 81 |        |   |            |             |

## SPECIAL AND TRUST ACCOUNTS.

Expenditures 1906, Permission Granted by Board of Aldermen to Purchase Without Public Letting.

| To Whom Paid and Description.                      | Amount.    | Total. |
|--|------------|--------|
| Fred'k Goll, furniture and carpets.....            | \$3,794 25 |        |
| Doherty & Co., furniture and carpets.....          | 2,170 20   |        |
| Thos. Eowe, furniture and carpets.....             | 1,545 13   |        |
| Jas. McCleerey, painting .....                     | \$555 50   |        |
| Jos. W. O'Brien, plumbing.....                     | \$785 41   |        |
| H. Harwitz, electrical supplies.....               | \$1,029 98 |        |
| Ideal Electrical Company, electrical supplies..... | 97 00      |        |
| Thos. A. Tydings, carpenter work.....              | \$888 43   |        |
| Chas. Read, carpenter work.....                    | 666 05     |        |
| Kidd, McKay & Haucher, carpenter work.....         | 51 20      |        |
| Victor Heating Company, iron work.....             | \$289 72   |        |
| John J. Towney, iron work.....                     | 398 66     |        |
| M. J. Sullivan, cartage .....                      | \$5,541 00 |        |
| Mittnacht Eagle Safe Company, safes.....           | \$400 00   |        |
| Chas. Gateson, canvass partitions .....            | \$108 60   |        |
| Remington Typewriter Company, typewriter.....      | \$87 75    |        |
| Metropolitan Supply Company, sundries.....         | \$3,063 08 |        |
| S. Morehead, cylinder oil and boiler compound..... | \$59 30    |        |
| John Havenon .....                                 | 102 40     |        |
|  | 161 70     |        |

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

No. 1898v.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, March 18, 1907.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In compliance with the request made by John Purroy Mitchel, Esq., Special Counsel, through the Corporation Counsel to your Honor, in a letter dated February 5, 1907, asking for certain information relating to the administration of the office of the Borough President of Manhattan, we beg to submit the results herein contained for your consideration, this being our twenty-second report.

The information required by Mr. Mitchel is quoted seriatim, accompanied by an explanation of the results of our examination.

First—"Table or chart showing all expenditures from all accounts made by Borough President's office and all its bureaus during years 1904 and 1905, chart to show expenditures by bureaus."

Tables containing this information for 1904 and 1905 were forwarded to your Honor on February 7, 1907, Report No. 1209, and on February 20, 1907, Report No. 1212, an additional one (not requested) for 1906.

Second—"Statement showing all expenditures for salaries and wages for supervision, Attendants, Engineers, Firemen, Cleaners, etc., and mechanics making repairs in the several public baths in the Borough of Manhattan, and all expenditures for supplies, of whatever nature, delivered to public baths or used at them, also the expenditure for repairs, of whatever nature, including expenditure in completion of construction, not provided for in the contract or contracts for constructing the baths for the years 1904, 1905 and 1906, or, in the cases of those baths completed and opened during that period, from the date of their completion and opening. This statement is to be classified and segregated by particular baths, and with it is to be given a table of attendance or patronage by baths to show the cost per bath."

A statement that will furnish the information desired cannot be furnished, for the same reason as stated in relation to No. 5 in this report, but we have submitted in Table No. 2 such information as could be obtained.

Third—"Statement of all employees in public buildings under Bureau of Public Buildings and Offices, segregated by buildings, with salaries."

Statement furnished with this report, marked Exhibit No. 3.

Fourth—"Statement of cost of maintenance based on salaries and wages, janitor service and cleaners, etc., in the payrolls of the Public Buildings and Offices of each of the buildings under the jurisdiction of the President of the Borough of Manhattan, not including Public Baths. This statement should be based on the actual payrolls and compiled for the years 1904, 1905 and 1906."

This information in the form desired can be obtained only from an analysis of the payrolls, consisting of 624 rolls containing over 600 items each; as the work could not be completed in less than four months, Mr. Mitchel agreed to accept a statement furnishing for all buildings, not including public baths, the approximate average cost per year for salaries and wages based on the first four weeks' payrolls of each year, with the actual amount paid each year taken from the General Ledgers of the Bureau of Public Buildings and Offices.

This statement is marked Exhibit No. 4.

Fifth—"Statement of cost of maintaining and operating the following buildings:

1. City Hall.
2. Brown stone building.
3. County Court House.
4. Criminal Court Building.
5. West Fifty-fourth Street Court House.
6. East Fifty-seventh Street Court House.

"This statement is to be classified as follows under:

- "Repairs made on contracts.
- "Supplies furnished under contract.
- "Repairs made without contracts.
- "Supplies furnished without contracts.
- "Repairs made by City employees.

"Supplies furnished by State Prison and Department of Correction.

"Repairs are to be classified as to character and some convenient classification as Janitor supplies, furniture, electrical supplies, gas supplies, etc., to be made for supplies.

"A complete statement is to be made for each building based upon the bills submitted by contractors, firms, etc., or from the records of the President of the Borough if such records exist. This source of all information is to be clearly indicated in each statement."

A statement to accurately fix for each year the cost of maintaining and operating individually the several public buildings of the City cannot be furnished for the following reason:

While an attempt has been made in the Bureau of Public Buildings and Offices to dispose of expenditures from appropriation accounts to the various public buildings and utilities, it is imperfect, as in some instances items have been charged to an account designated Various Buildings and Offices which should have been charged to some specific building or utility. This is plainly evidenced by the large increase of this account in 1906, over prior years, and the decrease in the individual accounts for 1906.

Again, those expenditures for Supplies and Repairs made from Special and Trust Accounts can be classified only from an analysis of the vouchers audited by the Finance Department. In many instances the bills accompanying them do not designate the various places of delivery, etc., but are general in that respect, and therefore any statement furnished would be incomplete.

We have, however, furnished (marked Exhibit No. 5) a statement showing the best results obtainable from the Appropriation Records of the Bureau of Public Buildings and Offices for the years 1904, 1905 and 1906.

Our Chief Examiner has been delayed in furnishing the foregoing information for the reason that the General Ledgers were not posted for the years 1904, 1905 and 1906 when he first examined them on February 1, 1907, and were not completed until March 11, 1907.

Additional subjects upon which reports were requested by Mr. Mitchel are:

1. Bureau of Buildings.
2. Bureau of Sewers.
3. Vault permit fees uncollected, 1904, 1905 and 1906.

Reports upon these matters have been forwarded through your Honor as follows: Bureau of Buildings, Report No. 1218, dated February 27, 1907.

Bureau of Sewers, Report No. 1210, dated February 18, 1907.

Vault permits, Report No. 1206, dated February 6, 1907.

4. Bureau of Highways.

This report should include:

(1) "Detailed and classified statement of all expenditures for all purposes, made by the Bureau."

(2) "Statement of Expenditures for restoring or renewing Asphalt Pavements during the years 1904, 1905 and 1906, for damages for unknown parties or unknown causes, making separate statement under each classification."

The information asked for in (1) will be found in reports forwarded through the Mayor, and dated respectively:

Report No. 1190, dated December 3, 1906.

Report No. 1191, dated January 7, 1907.

Report No. 1192, dated January 10, 1907.

Report No. 1193, dated January 17, 1907.

Report No. 1194, dated January 23, 1907.

Report No. 1200, dated January 28, 1907.

Report No. 1202, dated February 2, 1907.

Report No. 1221, dated March 4, 1907.

In addition to the data requested by Mr. Mitchel, we have agreed to furnish statements giving all payments under contract in the Bureaus of Highways and Sewers, to whom paid, and voucher and contract number, some of which have been delivered to Mr. Mitchel, and also Report No. 1219, dated February 26, 1907, wherein we show the monthly and yearly attendance at Interior and Free Floating Baths during the years 1904, 1905 and 1906.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Exhibits Accompanying Report, Dated March 18, 1907.

Request No. 1. See above report for date of report giving this information.

Request No. 2. Public Baths—Expenditures from Appropriation Accounts, taken

from general ledger so far as they could be determined.

Request No. 3. Force employed in the buildings and offices under direction of

Superintendent of Public Buildings and Offices.

Request No. 4. Cost of maintaining public buildings based on salaries and wages.

Request No. 5. Appropriation accounts. Expenditures for maintaining and operating public buildings from general ledger.

Additional Information.

No. 2. Restoring asphalt pavements damaged by unknown causes.

EXHIBIT No. 3.

Force Employed in the Buildings, Offices, etc., Under Direction of Superintendent of Public Buildings and Offices, March 1, 1907.

| Where Employed and Occupation.      | No. | Rate.  | Cost Per Year, Each. | Cost Per Year for Number Employed. | Cost of Labor for Each Building, Etc., Per Year. |
|-------------------------------------|-----|--------|----------------------|------------------------------------|--|
| <b>Bureau—</b>                      |     |        |                      |                                    |  |
| General Foreman .....               | 1   | \$6 00 | \$2,190 00           | \$2,190 00                         |  |
| Foreman Steam Apparatus .....       | 1   | 6 00   | 2,190 00             | 2,190 00                           |  |
| General Foreman .....               | 1   | 5 00   | 1,825 00             | 1,825 00                           |  |
| Assistant Foreman .....             | 1   | 4 00   | 1,460 00             | 1,460 00                           |  |
| Assistant Foremen .....             | 2   | 3 00   | 1,095 00             | 2,190 00                           |  |
| Foremen .....                       | 5   | 5 00   | 1,825 00             | 9,125 00                           |  |
| Foreman .....                       | 1   | 4 50   | 1,642 50             | 1,642 50                           |  |
| Foremen .....                       | 5   | 4 00   | 1,460 00             | 7,300 00                           |  |
| Tinsmiths .....                     | 2   | 4 00   | 1,460 00             | 2,920 00                           |  |
| Tin Roofer .....                    | 1   | 4 00   | 1,460 00             | 1,460 00                           |  |
| Tar Roofer .....                    | 1   | 3 75   | 1,368 75             | 1,368 75                           |  |
|                                     |     |        |                      |                                    | \$33,671 25                                      |
| <b>Carpenter Shop—</b>              |     |        |                      |                                    |  |
| Foremen .....                       | 2   | 5 00   | 1,825 00             | \$3,650 00                         |  |
| Assistant Foreman .....             | 1   | 3 50   | 1,277 50             | 1,277 50                           |  |
| Cabinetmaker .....                  | 1   | 6 00   | 2,190 00             | 2,190 00                           |  |
| Cabinetmakers .....                 | 5   | 4 50   | 1,642 50             | 8,212 50                           |  |
| Carpenters .....                    | 4   | 4 50   | 1,642 50             | 6,570 00                           |  |
|                                     |     |        |                      |                                    | 21,900 00  |
| <b>Paint Shop—</b>                  |     |        |                      |                                    |  |
| Foreman .....                       | 1   | 5 00   | 1,825 00             | \$1,825 00                         |  |
| Varnishers .....                    | 3   | 4 00   | 1,460 00             | 4,380 00                           |  |
|                                     |     |        |                      |                                    | 6,205 00   |
| <b>County Court House Building—</b> |     |        |                      |                                    |  |
| Engineer .....                      | 1   | 4 50   | 1,642 50             | \$1,642 50                         |  |
| Firemen .....                       | 3   | 3 00   | 1,095 00             | 3,285 00                           |  |
| Stoker .....                        | 1   | 3 00   | 1,095 00             | 1,095 00                           |  |
| Elevator Attendant .....            | 1   | 3 50   | 1,277 50             | 1,277 50                           |  |
| Elevator Attendants .....           | 2   | 2 75   | 1,003 75             | 2,007 50                           |  |
| Cleaners .....                      | 2   | 2 00   | 730 00               | 1,460 00                           |  |
| Laborer .....                       | 1   | 3 00   | 1,095 00             | 1,095 00                           |  |
| Laborers .....                      | 10  | 2 50   | 912 50               | 9,125 00                           |  |
| Laborers .....                      | 2   | 2 00   | 730 00               | 1,460 00                           |  |
| Flagger .....                       | 1   | 2 00   | 730 00               | 730 00                             |  |
|                                     |     |        |                      |                                    | 23,177 50  |
| <b>Criminal Court Building—</b>     |     |        |                      |                                    |  |
| Enginemen .....                     | 4   | 4 50   | 1,642 50             | \$6,570 00                         |  |
| Firemen .....                       | 2   | 3 00   | 1,095 00             | 2,190 00                           |  |
| Stokers .....                       | 8   | 3 00   | 1,095 00             | 8,760 00                           |  |
| Plumber .....                       | 1   | 4 75   | 1,733 75             | 1,733 75                           |  |
| Lineman .....                       | 1   | 3 50   | 1,277 50             | 1,277 50                           |  |
| Elevator Attendant .....            | 1   | 3 50   | 1,277 50             | 1,277 50                           |  |
| Elevator Attendant .....            | 1   | 3 00   | 1,095 00             | 1,095 00                           |  |
| Elevator Attendants .....           | 9   | 2 75   | 1,003 75             | 9,033 75                           |  |
| Cleaners .....                      | 9   | 2 50   | 912 50               | 8,212 50                           |  |
| Cleaners .....                      | 6   | 2 00   | 730 00               | 4,380 00                           |  |
| Skilled Laborer .....               | 1   | 2 75   | 1,003 75             | 1,003 75                           |  |

| Where Employed and Occupation.   | No. | Rate. | Cost Per Year, Each. | Cost Per Year for Number Employed. | Cost of Labor for Each Building, Etc., Per Year. |
|----------------------------------|-----|-------|----------------------|------------------------------------|--|
| <b>Criminal Court Building—</b>  |     |       |                      |                                    |  |
| Laborers .....                   | 3   | 2 50  | 912 50               | 2,737 50                           |  |
| Laborer .....                    | 1   | 2 25  | 821 25               | 821 25                             |  |
| Laborers .....                   | 4   | 2 00  | 730 00               | 2,920 00                           |  |
|                                  |     |       |                      |                                    | 5,2012 50  |
| <b>City Hall Building—</b>       |     |       |                      |                                    |  |
| Foreman, Steam Heat.....         | 1   | 5 00  | 1,825 00             | \$1,825 00                         |  |
| Steamfitter .....                | 1   | 2 50  | 912 50               | 912 50                             |  |
| Cleaners .....                   | 2   | 2 50  | 912 50               | 1,825 00                           |  |
| Laborers .....                   | 2   | 2 50  | 912 50               | 1,825 00                           |  |
|                                  |     |       |                      |                                    | 6,387 50   |
| <b>Brown Stone Building—</b>     |     |       |                      |                                    |  |
| Engineer .....                   | 1   | 4 00  | 1,460 00             | \$1,460 00                         |  |
| Stokers .....                    | 2   | 3 00  | 1,095 00             | 2,190 00                           |  |
| Elevator Attendant .....         | 1   | 4 00  | 1,460 00             | 1,460 00                           |  |
| Elevator Attendants .....        | 3   | 2 75  | 1,003 75             | 3,011 25                           |  |
| Cleaners .....                   | 3   | 2 50  | 912 50               | 2,737 50                           |  |
| Laborers .....                   | 2   | 2 50  | 912 50               | 1,825 00                           |  |
|                                  |     |       |                      |                                    | 12,683 75  |
| <b>Harlem Court—</b>             |     |       |                      |                                    |  |
| Engineer .....                   | 1   | 4 50  | 1,642 50             | \$1,642 50                         |  |
| Stokers .....                    | 3   | 3 00  | 1,095 00             | 3,285 00                           |  |
| Elevator Attendants .....        | 2   | 2 75  | 1,003 75             | 2,007 50                           |  |
| Cleaner .....                    | 1   | 2 50  | 912 50               | 912 50                             |  |
| Cleaner .....                    | 1   | 2 00  | 730 00               | 730 00                             |  |
| Laborers .....                   | 2   | 2 00  | 730 00               | 1,460 00                           |  |
|                                  |     |       |                      |                                    | 10,037 50  |
| <b>First District Court—</b>     |     |       |                      |                                    |  |
| Firemen .....                    | 2   | 3 00  | 1,095 00             | \$2,190 00                         |  |
| Cleaner .....                    | 1   | 2 50  | 912 50               | 912 50                             |  |
| Laborers .....                   | 3   | 2 50  | 912 50               | 2,737 50                           |  |
|                                  |     |       |                      |                                    | 5,840 00   |
| <b>Second District Court—</b>    |     |       |                      |                                    |  |
| Cleaner .....                    | 1   | 2 00  | 730 00               | \$730 00                           |  |
|                                  |     |       |                      |                                    | 730 00   |
| <b>Third District Court—</b>     |     |       |                      |                                    |  |
| Firemen .....                    | 2   | 3 00  | 1,095 00             | \$2,190 00                         |  |
| Cleaner .....                    | 1   | 2 50  | 912 50               | 912 50                             |  |
| Sweeper .....                    | 1   | 2 50  | 912 50               | 912 50                             |  |
| Laborers .....                   | 2   | 2 50  | 912 50               | 1,825 00                           |  |
|                                  |     |       |                      |                                    | 5,840 00   |
| <b>Third Magistrate's Court—</b> |     |       |                      |                                    |  |
| Cleaners .....                   | 2   | 2 50  | 912 50               | \$1,825 00                         |  |
| Laborer .....                    | 1   | 2 50  | 912 50               | 912 50                             |  |
|                                  |     |       |                      |                                    | 2,737 50   |
| <b>Fourth District Court—</b>    |     |       |                      |                                    |  |
| Janitor-Engineer .....           | 1   | 4 50  | 1,642 50             | \$1,642 50                         |  |
| Laborer .....                    | 1   | 2 50  | 912 50               | 912 50                             |  |
|                                  |     |       |                      |                                    | 2,555 00   |
| <b>Fifth District Court—</b>     |     |       |                      |                                    |  |
| Laborers .....                   | 2   | 2 50  | 912 50               | \$1,825 00                         |  |
|                                  |     |       |                      |                                    | 1,825 00   |
| <b>Seventh District Court—</b>   |     |       |                      |                                    |  |
| Stoker .....                     | 1   | 3 00  | 1,095                |                                    |  |

| Where Employed and Occupation.         | No. | Rate.  | Cost Per Year, Each. | Cost Per Year for Number Employed. | Cost of Labor for Each Building, Etc., Per Year. | Where Employed and Occupation.            | No. | Rate.    | Cost Per Year, Each. | Cost Per Year for Number Employed. | Cost of Labor for Each Building, Etc., Per Year. |           |  |  |  |  |  |
|--|-----|--------|----------------------|------------------------------------|--|---|-----|----------|----------------------|------------------------------------|--|-----------|--|--|--|--|--|
| <b>Paymaster's Office—</b>             |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Cleaners .....                         | 2   | 2 00   | 730 00               | \$1,460 00                         |  | Baths, West Forty-first Street—           |     |          |                      |                                    |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | 2 50   | 912 50               | 912 50                             |  | Male Attendant .....                      | 1   | 3 00     | 1,095 00             | 1,095 00                           |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | 2 00   | 730 00               | 730 00                             |  | Male Attendants .....                     | 6   | 2 50     | 912 50               | 5,475 00                           |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  | Male Laborer .....                        | 1   | 3 00     | 1,095 00             | 1,095 00                           |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  | Female Attendants .....                   | 8   | 2 00     | 730 00               | 5,840 00                           |  |           |  |  |  |  |  |
| <b>Gansevoort Market—</b>              |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Assistant Foreman .....                | 1   | 3 00   | 1,095 00             | \$1,095 00                         |  | Baths, East One Hundred and Ninth Street— |     |          |                      |                                    | 19,346 00  |           |  |  |  |  |  |
| Cartmen and horses.....                | 7   | 3 50   | 1,277 50             | 8,942 50                           |  | Engineer .....                            | 1   | 4 00     | 1,460 00             | \$1,460 00                         |  |           |  |  |  |  |  |
| Laborers .....                         | 2   | *12 00 | 624 00               | 1,248 00                           |  | Fireman .....                             | 1   | 3 00     | 1,095 00             | 1,095 00                           |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | *12 50 | 650 00               | 650 00                             |  | Stokers .....                             | 3   | 3 00     | 1,095 00             | 3,285 00                           |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  | Male Attendants .....                     | 9   | 2 50     | 912 50               | 8,212 50                           |  |           |  |  |  |  |  |
| <b>West Washington Market—</b>         |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Cartmen and horses.....                | 7   | 3 50   | 1,277 50             | \$8,942 50                         |  | Female Attendants .....                   | 8   | 2 00     | 730 00               | 5,840 00                           |  |           |  |  |  |  |  |
| Laborers .....                         | 2   | *12 00 | 624 00               | 1,248 00                           |  | Female Cleaner .....                      | 1   | 1 00     | 365 00               | 365 00                             |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | 2 50   | 912 50               | 912 50                             |  |   |     |          |                      |                                    | 20,257 50  |           |  |  |  |  |  |
| <b>Washington Market—</b>              |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Cartmen and horses.....                | 7   | 3 50   | 1,277 50             | \$8,942 50                         |  | <b>Baths, East Eleventh Street—</b>       |     |          |                      |                                    |  |           |  |  |  |  |  |
| Laborers .....                         | 3   | *12 00 | 624 00               | 1,872 00                           |  | Engineer .....                            | 1   | 4 00     | 1,460 00             | \$1,460 00                         |  |           |  |  |  |  |  |
| Laborers .....                         | 2   | 2 50   | 912 50               | 2,825 00                           |  | Stokers .....                             | 4   | 3 00     | 1,095 00             | 4,380 00                           |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  | Male Attendants .....                     | 9   | 2 50     | 912 50               | 8,212 50                           |  |           |  |  |  |  |  |
| <b>Fulton Market—</b>                  |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Cartmen and horses.....                | 6   | 3 50   | 1,277 50             | \$7,665 00                         |  | Female Attendants .....                   | 7   | 2 00     | 730 00               | 5,110 00                           |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | *12 00 | 624 00               | 624 00                             |  |   |     |          |                      |                                    |  | 19,162 50 |  |  |  |  |  |
| Laborer .....                          | 1   | *14 00 | 728 00               | 728 00                             |  | <b>Baths, Allen Street—</b>               |     |          |                      |                                    |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | 2 50   | 912 50               | 912 50                             |  | Engineer .....                            | 1   | 4 00     | 1,460 00             | \$1,460 00                         |  |           |  |  |  |  |  |
| Watchman .....                         | 1   | 2 50   | 912 50               | 912 50                             |  | Firemen .....                             | 4   | 3 00     | 1,095 00             | 4,380 00                           |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  | Male Attendants .....                     | 10  | 2 50     | 912 50               | 9,125 00                           |  |           |  |  |  |  |  |
| <b>Jefferson Market—</b>               |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Cartmen and horses.....                | 2   | 3 50   | 1,277 50             | \$2,555 00                         |  | Female Attendants .....                   | 8   | 2 00     | 730 00               | 5,840 00                           |  |           |  |  |  |  |  |
| Assistant Foreman .....                | 1   | 3 00   | 1,095 00             | 1,095 00                           |  |   |     |          |                      |                                    |  | 20,805 00 |  |  |  |  |  |
| Laborers .....                         | 2   | *12 00 | 624 00               | 1,248 00                           |  | <b>Baths, East Seventy-sixth Street—</b>  |     |          |                      |                                    |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  | Engineer .....                            | 1   | 4 00     | 1,460 00             | \$1,460 00                         |  |           |  |  |  |  |  |
| <b>Tompkins Market—</b>                |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Cartman and horses .....               | 1   | 3 50   | 1,277 50             | \$1,277 50                         |  | Firemen .....                             | 4   | 3 00     | 1,095 00             | 4,380 00                           |  |           |  |  |  |  |  |
| Laborers .....                         | 2   | 2 50   | 912 50               | 2,825 00                           |  | Male Attendants .....                     | 10  | 2 50     | 912 50               | 9,125 00                           |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | 2 25   | 821 25               | 821 25                             |  | Female Attendants .....                   | 8   | 2 00     | 730 00               | 5,840 00                           |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  |   |     |          |                      |                                    |  | 20,805 00 |  |  |  |  |  |
| <b>Hall of Records—</b>                |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Engineman .....                        | 1   | 5 00   | 1,825 00             | \$1,825 00                         |  | <b>Baths, West Sixtieth Street—</b>       |     |          |                      |                                    |  |           |  |  |  |  |  |
| Engineers .....                        | 2   | 4 50   | 1,642 50             | 3,285 00                           |  | Engineers .....                           | 2   | 4 00     | 1,460 00             | \$2,920 00                         |  |           |  |  |  |  |  |
| Janitor-Engineer .....                 | 1   | 4 50   | 1,642 50             | 1,642 50                           |  | Engineer .....                            | 2   | 4 00     | 1,460 00             | 2,920 00                           |  |           |  |  |  |  |  |
| Stationary Engineers.....              | 3   | 4 50   | 1,642 50             | 4,927 50                           |  | Stokers .....                             | 3   | 3 00     | 1,095 00             | 3,285 00                           |  |           |  |  |  |  |  |
| Dynamo Engineer .....                  | 1   | 4 50   | 1,642 50             | 1,642 50                           |  | Male Attendants .....                     | 9   | 2 50     | 912 50               | 8,212 50                           |  |           |  |  |  |  |  |
| Stokers .....                          | 10  | 3 00   | 1,095 00             | 10,950 00                          |  | Female Attendants .....                   | 12  | 2 00     | 730 00               | 8,760 00                           |  |           |  |  |  |  |  |
| Oilers .....                           | 3   | 3 00   | 1,095 00             | 3,285 00                           |  |   |     |          |                      |                                    |  | 23,177 50 |  |  |  |  |  |
| Steamfitter .....                      | 1   | 4 50   | 1,642 50             | 1,642 50                           |  | <b>Office Administration.</b>             |     |          |                      |                                    |  |           |  |  |  |  |  |
| Wireman .....                          | 1   | 4 50   | 1,642 50             | 1,642 50                           |  | Foreman Bricklayer .....                  | 1   | 6 00     | 2,190 00             | \$2,190 00                         |  |           |  |  |  |  |  |
| Elevator Attendant .....               | 1   | 3 00   | 1,095 00             | 1,095 00                           |  | Foreman Plumber .....                     | 1   | 5 00     | 1,825 00             | 1,825 00                           |  |           |  |  |  |  |  |
| Elevator Attendants .....              | 15  | 2 75   | 1,003 75             | 15,056 25                          |  | Male Attendant .....                      | 1   | 3 00     | 1,095 00             | 1,095 00                           |  |           |  |  |  |  |  |
| Machinist's Helper .....               | 1   | 2 50   | 912 50               | 912 50                             |  | Male Attendant .....                      | 1   | 2 50     | 912 50               | 912 50                             |  |           |  |  |  |  |  |
| Laborer .....                          | 1   | 3 00   | 1,095 00             | 1,095 00                           |  | Superintendent .....                      | 1   | 2,550 00 | 2,550 00             | 2,550 00                           |  |           |  |  |  |  |  |
| Laborers .....                         | 17  | 2 50   | 912 50               | 15,512 50                          |  |   |     |          |                      |                                    |  | 8,572 50  |  |  |  |  |  |
| Laborers .....                         | 14  | 2 00   | 730 00               | 10,220 00                          |  | <b>Comfort Stations.</b>                  |     |          |                      |                                    |  |           |  |  |  |  |  |
| Cleaner .....                          | 1   | 2 50   | 912 50               | 912 50                             |  | Eight Comfort Stations—                   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Watchman .....                         | 1   | 2 50   | 912 50               | 912 50                             |  | Foreman .....                             | 1   | 4 00     | 1,460 00             | \$1,460 00                         |  |           |  |  |  |  |  |
| Attendants .....                       | 3   | 2 00   | 730 00               | 2,190 00                           |  | Assistant Foreman .....                   | 1   | 3 00     | 1,095 00             | 1,095 00                           |  |           |  |  |  |  |  |
|  |     |        |                      |                                    |  | Male Attendants .....                     | 24  | 2 50     | 912 50               | 21,900 00                          |  |           |  |  |  |  |  |
| <b>Baths, No. 32 Rivington Street—</b> |     |        |                      |                                    |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |
| Engineer .....                         | 1   | 4 00   | 1,460 00             | \$1,460 00                         |  | Female Attendants .....                   | 25  | 2 00     | 730 00               | 18,250 00                          |  |           |  |  |  |  |  |
| Stokers .....                          | 3   | 3 00   | 1,095 00             | 3,285 00                           |  |   |     |          |                      |                                    |  | 42,705 00 |  |  |  |  |  |
| Male Attendants .....                  | 2   | 3 50   | 1,277 50             | 2,555 00                           |  | <b>Free Floating Baths.</b>               |     |          |                      |                                    |  |           |  |  |  |  |  |
| Male Attendants .....                  | 9   | 2 50   | 912 50               | 8,212 50                           |  | Free Floating Baths—                      |     |          |                      |                                    |  |           |  |  |  |  |  |
| Male Attendant .....                   | 1   | 3 00   | 1,095 00             | 1,095 00                           |  | Foreman .....                             | 1   | 4 75     | 1,733 75             | \$1,733 75                         |  |           |  |  |  |  |  |
| Female Attendants .....                | 10  | 2 00   | 730 00               | 7,300 00</                         |  |   |     |          |                      |                                    |  |           |  |  |  |  |  |

## Summary.

|                         | 1904.      | 1905.       | 1906.      |
|-------------------------|------------|-------------|------------|
| Supplies .....          | \$5,140 91 | \$5,214 11  | \$3,647 56 |
| Labor .....             | 60 00      | 50 00       | 51 50      |
| Repairs .....           | 3,716 22   | 6,241 24    | 3,114 23   |
| Contract Coal.....      | .....      | .....       | .....      |
| Contract Labor.....     | 450 00     | 360 50      | .....      |
| State Institutions..... | 241 91     | 52 32       | .....      |
| Total .....             | \$9,609 04 | \$11,918 17 | \$6,813 29 |

## Criminal Court Building.

| Year.     | Supplies.      |             |          | Repairs.   |            |             | State Institution. | Contract. |                   | Order Cleaning Windows. |         |
|-----------|----------------|-------------|----------|------------|------------|-------------|--------------------|-----------|-------------------|-------------------------|---------|
|           | Miscellaneous. | Electrical. | Gas.     | Furniture. | General.   | Electrical. | Gas.               | Coal.     | Cleaning Windows. |                         |         |
| 1904..... | \$5,850 16     | \$1,362 54  | .....    | \$1,708 47 | \$7,543 77 | \$2,185 57  | .....              | .....     | \$9,627 09        | \$877 50                | \$87 00 |
| 1905..... | 3,039 05       | 258 95      | .....    | 313 46     | 12,580 31  | 3,576 27    | .....              | \$247 71  | 10,459 33         | 695 31                  | 97 50   |
| 1906..... | 4,643 32       | 472 10      | \$549 00 | 607 80     | 9,025 30   | 1,508 68    | \$77 81            | 14 80     | .....             | .....                   | 115 33  |

## Summary.

|                          | 1904.       | 1905.       | 1906.       |
|--------------------------|-------------|-------------|-------------|
| Supplies .....           | \$8,921 17  | \$3,611 46  | \$6,272 22  |
| Labor .....              | 87 00       | 97 50       | 115 35      |
| Repairs .....            | 9,729 34    | 16,156 58   | 10,611 79   |
| Contract Coal.....       | 9,627 09    | 10,459 33   | .....       |
| Contract Labor.....      | 877 50      | 695 31      | .....       |
| State Institutions ..... | .....       | 247 71      | 14 80       |
| Total .....              | \$29,242 10 | \$31,267 89 | \$17,014 14 |

## Brown Stone Building.

| Year.     | Supplies.      |             |         | Repairs.   |            |             | State Institution. | Contract. |                   | Order Cleaning Windows. |         |
|-----------|----------------|-------------|---------|------------|------------|-------------|--------------------|-----------|-------------------|-------------------------|---------|
|           | Miscellaneous. | Electrical. | Gas.    | Furniture. | General.   | Electrical. | Gas.               | Coal.     | Cleaning Windows. |                         |         |
| 1904..... | \$1,536 85     | .....       | .....   | \$52 50    | \$2,035 24 | \$11 00     | .....              | .....     | \$1,574 59        | \$225 00                | \$30 00 |
| 1905..... | 820 05         | .....       | .....   | 1,312 25   | 3,089 57   | 174 87      | .....              | \$44 45   | 1,355 67          | 160 37                  | 25 00   |
| 1906..... | 580 46         | .....       | \$46 25 | .....      | 579 55     | .....       | .....              | .....     | .....             | .....                   | 22 91   |

## Summary.

|                          | 1904.      | 1905.      | 1906.      |
|--------------------------|------------|------------|------------|
| Supplies .....           | \$1,589 35 | \$2,132 30 | \$626 71   |
| Labor .....              | 30 00      | 25 00      | 22 91      |
| Repairs .....            | 2,046 00   | 3,264 44   | 579 55     |
| Contract Coal.....       | 1,574 59   | 1,355 67   | .....      |
| Contract Labor.....      | 225 00     | 160 37     | .....      |
| State Institutions ..... | .....      | 44 45      | .....      |
| Total .....              | \$5,464 94 | \$6,982 23 | \$1,229 17 |

## County Court House, Maintaining and Operating.

| Year.      | Supplies.      |             |            | Repairs.   |            |             | State Institutions. | Contract. |                   | Order Cleaning Windows. |          |
|------------|----------------|-------------|------------|------------|------------|-------------|---------------------|-----------|-------------------|-------------------------|----------|
|            | Miscellaneous. | Electrical. | Gas.       | Furniture. | General.   | Electrical. | Gas.                | Coal.     | Cleaning Windows. |                         |          |
| 1904 ..... | \$11,051 69    | \$896 30    | \$1,025 47 | \$336 75   | \$7,897 80 | \$1,174 29  | .....               | \$216 87  | \$121 74          | \$540 00                | \$106 00 |
| 1905 ..... | 8,206 93       | .....       | 586 95     | 2,766 90   | 6,540 88   | 1,433 04    | .....               | 239 76    | .....             | 510 31                  | 60 00    |
| 1906 ..... | 1,698 52       | 373 70      | 826 16     | 62 75      | 1,300 86   | 379 56      | .....               | 66 00     | .....             | .....                   | 58 33    |

## Summary.

|                         | 1904.       | 1905.       | 1906.      |
|-------------------------|-------------|-------------|------------|
| Supplies .....          | \$13,310 21 | \$11,560 78 | \$2,961 13 |
| Labor .....             | 106 00      | 60 00       | 58 33      |
| Repairs .....           | 9,072 09    | 7,973 92    | 1,680 42   |
| Contract Coal.....      | 121 74      | .....       | .....      |
| Contract Labor.....     | 540 00      | 510 31      | .....      |
| State Institutions..... | 216 87      | 239 76      | 66 00      |
| Total .....             | \$23,366 91 | \$20,344 77 | \$4,765 88 |

## West Fifty-fourth Street Court House.

| Year.     | Supplies.      |             |         | Repairs.   |            |             | State Institutions. | Contract. |                   | Order Cleaning Windows. |         |
|-----------|----------------|-------------|---------|------------|------------|-------------|---------------------|-----------|-------------------|-------------------------|---------|
|           | Miscellaneous. | Electrical. | Gas.    | Furniture. | General.   | Electrical. | Gas.                | Coal.     | Cleaning Windows. |                         |         |
| 1904..... | \$783 71       | .....       | .....   | \$12 00    | \$5,298 18 | \$108 80    | .....               | .....     | \$2,332 95        | \$250 00                | \$30 00 |
| 1905..... | 400 36         | .....       | .....   | 613 83     | 3,094 70   | 102 90      | .....               | \$101 35  | 2,076 08          | 160 44                  | 25 00   |
| 1906..... | 428 78         | .....       | \$75 00 | 490 00     | 2,683 25   | .....       | \$46 80             | 34 29     | .....             | .....                   | 22 92   |

## Summary.

|                         | 1904.      | 1905.      | 1906.      |
|-------------------------|------------|------------|------------|
| Supplies .....          | \$795 71   | \$1,014 19 | \$993 78   |
| Labor .....             | 30 00      | 25 00      | 22 92      |
| Repairs .....           | 5,306 98   | 3,197 60   | 2,730 05   |
| Contract Coal.....      | 2,332 95   | 2,076 08   | .....      |
| Contract Labor.....     | 250 00     | 160 44     | .....      |
| State Institutions..... | .....      | 101 35     | 34 29      |
| Total .....             | \$8,715 64 | \$6,574 66 | \$3,781 04 |

## East Fifty-seventh Street Court House.

| Year.     | Supplies.      |             |         | Repairs.   |            |             | State Institutions. | Contract. |                   | Order Cleaning Windows. |         |
|-----------|----------------|-------------|---------|------------|------------|-------------|---------------------|-----------|-------------------|-------------------------|---------|
|           | Miscellaneous. | Electrical. | Gas.    | Furniture. | General.   | Electrical. | Gas.                | Coal.     | Cleaning Windows. |                         |         |
| 1904..... | \$501 24       | .....       | \$37 50 | .....      | \$2,456 16 | \$56 50     | .....               | \$28 95   | \$395 54          | \$250 00                | \$30 00 |
| 1905..... | 231 39         | .....       | .....   | .....      | 7,650 00   | 57 60       | .....               | 29 00     | 508 02            | 130 02                  | 25 00   |
| 1906..... | 156 04         | .....       | 47 10   | .....      |            | 1,442 94    | 19 20               | .....     | 26 86             | .....                   | .....   |

## Summary.

|                          | 1904.      | 1905.      | 1906.      |
|--------------------------|------------|------------|------------|
| Supplies .....           | \$538 74   | \$231 39   | \$203 14   |
| Repairs .....            | 2,512 66   | 746 30     | 1,462 14   |
| Labor .....              | 30 00      | 25 00      | .....      |
| Contract Coal.....       | 395 54     | 508 02     | .....      |
| Contract Labor.....      | 250 00     | 130 32     | .....      |
| Contract Supplies.....   | .....      | 7,650 00   | .....      |
| State Institutions ..... | 28 95      | 29 00      | 26 86      |
| Total.....               | \$3,755 89 | \$9,320 03 | \$1,692 14 |

\* S. J. Sherwood, Repairing (contracts).

## EXHIBIT No. 2.

Additional Information, Restoring Asphalt Pavement Damaged by Unknown Causes, 1904, 1905 and 1906, from Requisition Record, Bureau of Highways.

| Title of Account and Location of Repair.  | Area.<br>Square<br>Yards. | Rate.  | Amount. | Date of Audit. | Name of Contractor.                   |
|---|---------------------------|--------|---------|----------------|---------------------------------------|
| <b>Repaving Streets—</b>  |                           |        |         |                |                                       |
| No. 38 East Fifty-first street.....   | 8                         | \$3 63 | \$33 75 | Dec. 15, 1904  | Barber Asphalt Paving Company.        |
| No. 831 First avenue.....   | 9                         | 2 93   | 26 96   | April 17, 1905 | Warren-Scharf Asphalt Paving Company. |
| Sixtieth street, east side of Fifth avenue, to 139 feet 4 inches eastwardly.....                      | 58                        | 3 64   | 211 12  | April 28, 1905 | Barber Asphalt Paving Company.        |
| Nos. 463-465 West Forty-seventh street.....   | 2                         | 2 65   | 5 30    | April 27, 1905 | Barber Asphalt Paving Company.        |
| <b>Repairing and Renewing of Pavements and Regrading—</b>   |                           |        |         |                |                                       |
| Northwest corner of First avenue and Fifty-sixth street.....  | 20                        | 2 93   | 58 60   | June 13, 1905  | Warren-Scharf Asphalt Paving Company. |
| Nos. 425-431 Fifth avenue.....  | 71                        | 4 65   | 339 45  | June 30, 1905  | Barber Asphalt Paving Company.        |
| <b>Revenue Bond Fund for Repairing and Maintaining Asphalt Pavements in the Borough of Manhattan—</b> |                           |        |         |                |                                       |
| Nos. 230-232 East Twenty-second street.....   | 21                        | 4 09   | 85 89   | Feb. 8, 1906   | Barber Asphalt Paving Company.        |
| No. 4 East Fifty-second street.....   | 22                        | 2 45   | 54 66   | Sept. 19, 1906 | Sicilian Asphalt Paving Company.      |
| Nos. 14-32 Second street.....   | 9                         | 3 74   | 33 29   | Dec. 15, 1906  | Barber Asphalt Paving Company.        |
| Nos. 306-310 West Fifty-first street.....   | 5                         | 3 09   | 15 45   | Dec. 11, 1906  | Sicilian Asphalt Paving Company.      |
| Nos. 6 and 8 East Seventy-sixth street.....   | 7.7                       | 3 91   | 28 86   | Jan. 18, 1906  | Sicilian Asphalt Paving Company.      |
| Fifty-eighth street and Fifth avenue, on Fifty-eighth street.....                                     | 50.5                      | 4 45   | 224 73  | June 5, 1906   | Sicilian Asphalt Paving Company.      |
| North side of Thirty-first street, 12 feet west of Amsterdam avenue.....                              | 7.6                       | 3 17   | 24 09   | Feb. 6, 1906   | Hastings Pavement Company.            |
| Fifth avenue and Fifty-eighth street, on Fifth avenue.....  | 297.5                     | 3 36   | 999 60  | Jan. 20, 1906  | Barber Asphalt Paving Company.        |
| <b>Repairs and Renewal of Pavements and Regrading, 1906—</b>  |                           |        |         |                |                                       |
| North side of Twenty-eighth street, 33 feet east of Fifth avenue.....                                 | 3.3                       | 3 49   | 13 58   | Feb. 8, 1906   | Sicilian Asphalt Paving Company.      |
| East intersection of Seventh avenue and Forty-sixth street.....                                       | 15                        | 3 28   | 49 20   | Feb. 6, 1906   | Degnon Contracting Company.           |
| West intersection of Broadway and Forty-sixth street.....   | 17                        | 3 28   | 54 64   | Feb. 6, 1906   | Degnon Contracting Company.           |
| No. 105 West Forty-fourth street.....   | 2                         | 2 93   | 6 15    | Feb. 23, 1906  | Barber Asphalt Paving Company.        |
| <b>Repairing and Renewing of Pavements and Regrading, 1906—</b>                                       |                           |        |         |                |                                       |
| No. 435 East Eighty-fourth street.....  | 4                         | 3 10   | 12 40   | April 19, 1906 | Asphalt Construction Company.         |
| Forty-eighth street, west of Eighth avenue.....   | 1.8                       | 3 07   | 5 46    | Mar. 30, 1906  | Sicilian Asphalt Paving Company.      |
| West side of Sixth avenue, 35 feet north of Twenty-third street.....                                  | 4                         | 3 57   | 13 21   | Mar. 12, 1906  | Atlantic Alcatraz Asphalt Company.    |
| Northwest corner of Broadway and Seventy-sixth street, on Broadway.....                               | 5                         | 3 80   | 19 00   | (Estimated)    | Barber Asphalt Paving Company.        |

| Title of Account and Location of Repair.   | Area.<br>Square<br>Yards. | Rate. | Amount. | Date of Audit. | Name of Contractor.                   |
|--|---------------------------|-------|---------|----------------|---------------------------------------|
| Revenue Bond Fund for Repairing and Maintaining Asphalt Pavements in the Borough of Manhattan— |                           |       |         |                |                                       |
| Nos. 2343 and 2345 Eighth avenue.....  | 28                        | 3 19  | 94 74   | July 23, 1906  | Barber Asphalt Paving Company.        |
| No. 313 West Eighty-seventh street.....  | 6                         | 4 00  | 25 60   | July 23, 1906  | Warren-Scharf Asphalt Paving Company. |
| Mulberry and Prince streets.....   | 34                        | 3 95  | 134 30  | Nov. 5, 1906   | Barber Asphalt Paving Company         |
| Nos. 18 and 20 Ann street.....   | 7                         | 3 87  | 33 28   | Sept. 19, 1906 | Barber Asphalt Paving Company.        |
| No. 251 East One Hundred and Ninth street.....   | 8                         | 3 00  | 24 00   | Oct. 3, 1906   | Sicilian Asphalt Paving Company.      |
| Nos. 303 and 305 East Thirty-second street.....  | 15                        | 3 27  | 48 07   | Sept. 25, 1906 | Barber Asphalt Paving Company.        |
| Nos. 291 and 293 Seventh avenue.....   | 3                         | 3 95  | 11 85   | (Estimated)    | Barber Asphalt Paving Company.        |
| Dominick street, west of Clark street.....   | 57                        | 3 74  | 214 30  | Mar. 7, 1907   | Barber Asphalt Paving Company.        |
| South side of Fifty-ninth street, 25 feet east of Sixth avenue.....                            | 4                         | 3 89  | 15 56   | Feb. 8, 1907   | Sicilian Asphalt Paving Company.      |
| One Hundred and Thirty-ninth street and Lenox avenue.....                                      | 49                        | 2 39  | 117 83  | Dec. 6, 1906   | Hastings Pavement Company.            |
| Eleventh street, Greenwich street and Seventh avenue.....                                      | 9                         | 3 69  | 33 58   | Dec. 12, 1906  | Barber Asphalt Paving Company.        |
| Eleventh street, Greenwich street and Seventh avenue.....                                      | 5                         | 3 88  | 19 40   | Jan. 2, 1907   | Sicilian Asphalt Paving Company.      |
| Nos. 97 and 98 Central Park West.....  | 8                         | 3 20  | 25 28   | Dec. 12, 1906  | Atlantic Alcatraz Asphalt Company.    |
| No. 147 Clinton street.....  | 3                         | 3 67  | 11 01   | (Estimated)    | Metropolitan Asphalt Paving Company.  |
| No. 695 First avenue.....  | 2                         | 2 93  | 5 86    | (Estimated)    | Warren-Scharf Asphalt Paving Company. |
| Fifty-ninth street, 50 feet east of Sixth avenue.....  | 76                        | 3 89  | 295 64  | Feb. 8, 1907   | Sicilian Asphalt Paving Company.      |
| Southeast corner of Broadway and Forty-second street, on Broadway.....                         | 8                         | 6 30  | 50 40   | Jan. 8, 1907   | Mack Paving Company of New York.      |
| No. 79 Fifth avenue.....   | 3                         | 4 65  | 15 81   | Jan. 16, 1907  | Barber Asphalt Paving Company.        |
| No. 251 West One Hundred and Twenty-ninth street.....  | 7                         | 2 94  | 22 93   | Feb. 4, 1907   | Warren-Scharf Asphalt Paving Company. |
| No. 135 East Fifty-fourth street.....  | 86                        | 3 03  | 260 58  | (Estimated)    | Fruin Bambrick Paving Company.        |
| No. 332 East One Hundred and Nineteenth street.....  | 4                         | 3 00  | 12 00   | May 5, 1906    | Asphalt Construction Company.         |
| West side Jansen avenue, 300 feet south of Terrace View avenue.....                            | 4                         | 1 99  | 7 96    | Aug. 6, 1906   | N. Y. & Bermudez Company.             |
| Nos. 57 and 59 West Forty-sixth street.....  | 84                        | 2 08  | 174 72  | Feb. 8, 1907   | U. S. & Venezuela Company.            |
| West side Broad street, 20 feet south of Wall street.....                                      | 5                         | 3 00  | 15 00   | Dec. 6, 1906   | Uvalde Asphalt Paving Company.        |
| Sixty-fifth street, 19 feet west of Broadway.....  | 11                        | 2 50  | 27 50   | (Estimated)    | Barber Asphalt Paving Company.        |

No. 1808w.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, March 20, 1907.

Subject—Comments on the system of accounting in the Office of the President of the Borough of Manhattan, in connection with certain information desired by the Special Counsel.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the Office of the President of the Borough of Manhattan, we were called upon by John Purroy Mitchel, Esq., Special Counsel, to furnish him, among several other items of information, the following, which are considered in this our twenty-third report:

(2) Statement showing all expenditures for salaries and wages for supervision, attendants, engineers, firemen, cleaners, etc., and mechanics making repairs, in the several public baths in the Borough of Manhattan, and all expenditures for supplies of whatever nature delivered to public baths or used at them; also the expenditure for repairs of whatever nature, including expenditure in completion of construction, not provided for in the contract or contracts for constructing the baths for the years 1904, 1905 and 1906, or in the cases of those baths completed and opened during that period, from the date of their completion and opening.

(3) Statement of all employees in public buildings under Bureau of Public Buildings and Offices, segregated by buildings, with salaries.

(4) Statement of cost of maintenance based on salaries and wages, Janitor service and cleaners, etc., on the payroll of the Public Buildings and Offices, of each of the buildings under the jurisdiction of the President of the Borough of Manhattan, not including Public Baths. This statement should be based on the actual payrolls and compiled for the years 1904, 1905 and 1906.

(5) Statement of costs of maintaining and operating the following buildings:

1. City Hall.
2. Brownstone Building.
3. County Court House.
4. Criminal Court Building.
5. West Fifty-fourth Street Court House.
6. East Fifty-seventh Street Court House.

This statement is to be classified as follows, under Repairs made on contracts.

Supplies furnished under contracts.

Repairs made without contracts.

Supplies furnished without contracts.

Repairs made by City Employees.

Supplies furnished by State Prison and Department of Correction.

Repairs are to be classified as to character and some convenient classification such as Janitor supplies, furniture, electrical supplies, gas supplies, etc., to be made for supplies.

A complete statement is to be made for each building, based upon the bills submitted by contractors, firms, etc., or from the records of the President of the Borough if such records exist. The source of all information is to be clearly indicated in each statement.

In attempting to comply with these requests, we found that the system of accounting now in operation in the Borough President's Bureaus and Offices does not show the information desired, and that it does not distribute the expenditures in such classified form that the cost of maintaining and operating each of the Public Buildings and Offices of the City could be accurately shown.

This condition was explained to Mr. Mitchel, our Special Counsel, who thereupon instructed us to furnish him with the data desired as far as it could be obtained. This we have completed, the result of which is shown in a separate report, dated March 18, explaining in said report the conditions under separate headings, and the source from which the data was obtained.

As suggested by Mr. Mitchel, we present the following data in relation to the reports we have made since consolidation of the various Departments, Bureaus and Offices now forming a part of the office of the Borough President of Manhattan, as to improvements recommended by us in the system of accounting.

| Report No. | Date.           | Subject.   |
|------------|-----------------|--|
| 539.       | Dec. 27, 1899.  | Recommendations for a uniform system of bookkeeping in all boroughs, as follows:<br>Record of Requisitions.<br>Minute Book.  |
| 614.       | Apr. 20, 1900.  | Recommendations for Voucher Book in Bureau of Buildings.   |
| 605.       | Apr. 20, 1900.  | Recommendations with forms for improving the system of accounts in the Department of Highways:<br>Contract Ledger.<br>Voucher Register.<br>Cash Book.  |
| 685.       | Sept. 24, 1900. | Recommendations repeated for the keeping of Receipt and Delivery Record by the storekeeper.  |
| 777.       | Nov. 19, 1900.  | Office of the Borough President: Recommendations for filing in the department duplicate vouchers of those certified to the Finance Department for payment. Also recommendations, with forms, for "Appropriation and Register of Voucher" book. |
| 820.       | Dec. 31, 1900.  | Department of Public Buildings, Lighting and Supplies. Recommendations with forms for "Record of Requisitions" and "Store Room Stock Ledger," repeated.  |
| 40.        | Mar. 7, 1902.   | Repairs and Supplies, Work Shop. No separate record kept. No Distribution. See General Comments.   |
| 138.       | Apr. 24, 1902.  | See recommendations.   |

The present method of accounting solely for the funds as expended from the Appropriation and Trust Accounts as created by the laws and the Board of Estimate and Apportionment appears to have met all requirements, but it has not furnished such details as are now called for.

The accounting system of the office, without interfering with present methods, can be improved in other respects without any additional cost.

A system that would furnish the information outlined by Mr. Mitchel in a complete and concise manner would, no doubt, necessitate additional labor on the part of the clerical force, and it is therefore a question for the Comptroller, who, under the Charter, has control of the matter, to determine whether such information is of sufficient value to warrant this additional labor.

By section 149 of the Charter, the Comptroller is the official authorized to prescribe the forms of keeping the City's accounts, in the following language:

Sec. 149. "The Department of Finance shall have control of the fiscal concern of the Corporation. All accounts rendered to or kept in the other departments shall be subject to the inspection and revision of the officers of this department. It shall prescribe the forms of keeping and rendering all city accounts."

#### Statistical Records To Be Compiled by City Officials.

Sec. 149a. "Every official or employee of the City, or of the counties included within The City of New York, and every Board or Commission charged by law or by due authority with the custody of property of The City of New York or the counties thereof, or with the direction of work done, or services performed, by or on behalf of The City of New York or the counties therein, or the disbursement or receipt of moneys from the City or counties therein, and every person, official, Board, commission or corporation receiving or disbursing moneys from the City or counties therein for public purposes shall at such times, under such conditions, and in the manner directed to do so by the Comptroller, furnish reports of facts relating to any or all of said property of The City of New York, or the counties therein, or of said work or said services, or of the receipt or disbursement of said moneys from the City or counties therein, and shall compile and maintain in their respective offices such system of statistical record as the Comptroller may require appertaining to all matters referred to in this section."

(Added by Laws of 1906, chapter 190.)

#### Bureaus of the Department of Finance.

Sec. 151. 6—"A bureau of municipal investigation and statistics, the chief officer of which shall be called the supervising statistician and examiner, appointed by the comptroller and including as many expert accountants, examiners of accounts and other employees as the comptroller may deem necessary for the work thereof. Said bureau, under the direction of the comptroller, shall determine the scope of and the form in which statistical information shall be compiled and furnished under section one hundred and forty-nineA of the charter, and shall compile and collate all such

| Report No. | Date.           | Subject.  |
|------------|-----------------|---|
| 203.       | Dec. 19, 1898.  | Recommendations for the simplification of payrolls, Department Public Buildings, Lighting and Supplies. |
| 383.       | Sept. 20, 1899. | Recommendations for the installation of receiving and distributing ledger by the storekeeper.           |

facts and statistics and make report to the comptroller concerning the same at least once annually and oftener, if required by the comptroller, which reports shall be published in the CITY RECORD. Said bureau shall be the custodian of and shall conveniently locate for reference all records of the municipalities or corporations consolidated under the provisions of this act, and of the municipalities or corporations consolidated with or annexed to any of the component parts of the Greater New York previous to January first, eighteen hundred and ninety-eight, and of all boards or commissions in control of or directing work paid for out of moneys of The City of New York or of any of its component parts heretofore existing as municipalities or corporations, where such boards or commissions have been or may be abolished or terminated (except as provided by chapter five hundred and ninety-one of the laws of eighteen hundred and ninety-nine and chapter one hundred and seventy-one of the laws of nineteen hundred and four) provided that no book or record shall be removed from the custody of any other department, bureau or office of the city or of the counties therein, or from the office of any board or commission, while such book or record is of use to said department, bureau, office, board or commission in the performance of official duty. All books, records and reports in the custody of said bureau, and all reports made by said bureau to the comptroller (except reports upon investigations of criminal acts, or reports upon investigations to aid in the defense of actions, at law brought against the city, before such acts or actions have been reviewed by the courts), shall be accessible to the public under proper regulations for the protection of the same from loss or defacement, and certified copies thereof shall be furnished to applicants upon payment of fees, as now provided by law."

(As amended by Laws of 1906, chapter 190.)

In addition to the duties and powers of the Comptroller as shown, we desire to call attention to the fact that the Sub-Committee of Accounting and Statistics of the Mayor's Advisory Commission, has now under advisement a system of accounting applying to all departments of The City of New York, which this body contemplates shortly to submit to your Honor for adoption by the Comptroller.

Until the Comptroller has determined the scope of the statistical data which the several bureaus of the Borough President's Office are to furnish, it would hardly be proper for us to recommend or suggest any change in the present system and method of accounting.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

No. 1898x.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, March 23, 1907.

Subject—Verification of Permit Area of Certain Buildings, as shown on Books of the President of the Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Dear Sir—As requested by Mr. John Purroy Mitchel in his fifth request of his letter dated March 12, 1907, relating to our Special Examination of the Office of the President of the Borough of Manhattan, we beg to submit this, our twenty-fourth, report on the subject of Permit Area of the Vault spaces of certain buildings which we referred to our Engineering Bureau for report and which follows.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, March 21, 1907.

Subject—Results of Examination of Vault Areas, at the request of Mr. J. P. Mitchel, Special Counsel.

Hon. Commissioners of Accounts, New York City:

Gentlemen—In accordance with the request of Mr. J. P. Mitchel, Special Counsel, in his letter of March 21, 1907, to the Hon. William B. Ellison, Corporation Counsel, for information as to the area of the vaults at certain buildings, as shown on the books of the Borough President, and the actual area, as shown by examinations by this office, I beg to submit the following table, which gives the permit area, as shown by the records in the office of the Bureau of Highways, and the actual area as found by this office.

In the case of the Seligman buildings, which is in process of construction at the present time, the vault could not be located and the figure given as the actual area is merely calculated from the dimensions shown on plan of vault on file in the Bureau of Highways.

| Location of Buildings.   | Permit Area,<br>as Shown on<br>Borough President's<br>Books.<br>Sq. Ft. | Actual Area,<br>as Established by<br>Examination of the<br>Comrs. of Accts.<br>Sq. Ft. |
|--|---|--|
| No. 1 Wall street.   | 940.8   | 940.00   |
| Seligman Building, William, South William and Stone streets.                 | 163.32  | 163.32   |
| Building, northwest corner of Fifth avenue and Fifteenth street.             | 4,350.00  | 4,350.00   |
| No. 118 and 120 Fifth avenue.  | 3,608.77  | 3,608.77   |
| Metropolitan Life Building, Twenty-third street.                             | 22,982.28   | 22,873.11  |
| Flat Iron Building.  | 13,461.71   | 13,461.71  |
| Macy's Department Store, Thirty-fourth to Thirty-fifth streets and Broadway. | 22,006.24   | 21,647.42  |
| Building, northwest corner Broadway and Thirty-fourth street.                | 2,910.34  | 2,903.67   |
| McCreery's, Thirty-fourth street between Fifth and Sixth avenues.            | 6,316.67  | 6,316.67   |
| Knickerbocker Hotel, Forty-second street and Broadway.                       | 5,135.83  | 5,155.78   |
| Times Building.  | 8,649.15  | 8,649.15   |

In obtaining the actual area of the vaults it was found practically impossible to measure the vaults properly, as parts of them would be inaccessible and measurements were in many cases taken on the street surface. However, in the building mentioned, the actual measurements, as far as they could be obtained, agreed with those shown on the plans of the vaults on file in the office of the Bureau of Highways.

Where, in the table, a difference appears between the permit area and the actual area, in every case the difference is due to mistakes in calculation made by the official of the Bureau of Highways who issues permits for vaults, and makes the calculations of the vault area as shown by the plans which are filed by the builder when a vault permit is desired. These calculations, as made by the official in question, who is rated as a clerk and checked by no one and mistakes are of frequent occurrence.

It will be seen by a perusal of the table that the mistakes made in these cases are in favor of the City, with the exception of the vault at the Knickerbocker hotel.

The vault area is paid for at so much per square foot. When a vault is completed a certificate is filed by a City Surveyor, employed by the owner of the building, stating that the vault has been built according to plans, and no examination is

made of the vault by the Bureau of Highways to determine whether or not this is a fact, a practice which speaks for itself.

Respectfully submitted,

(Signed) OTTO H. KLEIN, Chief Engineer.

No. 1898y.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, March 26, 1907.

Subject—Available Balances, Appropriation and Fund Accounts, Applicable for Restoration and Maintaining Pavements, on March 20, 1907. Furnished at request of Mr. Mitchel, Special Counsel, in Letter, March 19, 1907.

Hon. GEORGE B. McCLELLAN, Mayor:

Dear Sir—In connection with our Special Examination of the Office of the President of the Borough of Manhattan and in reply to the communication of John Purroy Mitchel, Esq., Special Counsel, dated March 19, 1907, requesting certain data relating to moneys now in the hands of the City authorities, available for the restoration of the pavements in the Borough of Manhattan, we submit this, our twenty-fifth, report in relation thereto.

First Request.

"Table showing all moneys now in the hands of City authorities, which were received by the Bureau of Highways upon the issue of permits to open the pavements for any purpose, giving totals only."

The balance of this fund, Restoring and Repaving, on January 1, 1907,

was ..... \$149,349 41  
Receipts January 1 to March 20, 1907 ..... 25,467 00

Total ..... \$174,816 41  
Payments to March 20, 1907 ..... 14,461 51

Total in hand March 20, 1907 ..... \$160,354 90

The receipts for the balance of this year will probably be ..... \$150,000 00  
Which, added to available amount previously stated of ..... 160,354 90  
Will give approximately for the year 1907 ..... \$310,354 90

The charges against this fund for the year will probably be as follows:

Payroll ..... \$67,500 00  
The amounts due and unpaid are on orders, estimated ..... 35,000 00  
To Plumbers, excess payments for permits, estimated ..... 20,000 00

Estimated balance ..... \$122,500 00  
Second Request.

"Statement of balance of the 1907 appropriation and of former appropriations, now available for the restoration or maintenance of payments."

The balance of this account Repairs and Renewals of Pavements and Regrading for the year 1907, on March 20, 1907, is ..... \$597,100 59  
The probable amount required for the payment of the force of the department for the balance of the year 1907, will be ..... 63,333 35

Estimated balance ..... \$533,767 24

Balance of prior years' appropriation are not available.

Third Request.

"Balance of any funds realized upon the sale of Corporate Stock or Special Revenue Bonds now available to the Borough President for the restoration or maintenance of pavements."

The balances of the several accounts referred to, on March 20, 1907, are as follows:

|  |              |
|--|--------------|
| Repaving streets, chapter 346, Laws of 1889. | \$2,818 38   |
| Repaving streets, chapter 87, Laws of 1892.  | 9,444 47     |
| Repaving streets, chapter 475, Laws of 1895. | 164,466 74   |
| Repaving streets, chapter 87, Laws of 1897.  | 37,307 02    |
| Repaving streets, Borough of Manhattan.      | 1,540,000 00 |
| Repairing and maintaining asphalt pavements. | 10,953 54    |
| Restoring and repaving, Special Fund.        | 160,354 90   |

The balances in the first five mentioned accounts is given for the reason that, under an opinion of the Corporation Counsel, copy of which is attached, payments for the restoration and maintaining pavements on various streets were made in 1905 from the Corporate Stock Account, entitled Repaving Streets, Borough of Manhattan, amounting to over \$350,000.

Fourth Request.

"Statement of any other funds available to the Borough President from any source, for the restoration or maintenance of pavements, or if the sale of Corporate Stock or Special Revenue Bonds has been authorized for this purpose, the balance of the amount authorized still unexpended."

There was an additional appropriation of \$2,000 made for the maintenance of Eighth avenue pavements, from which no payments had been made to March 20, 1907.

There are no further balances in bond accounts, as the full authorization is at once set up in the accounts.

In addition to the information requested, there will be found hereto attached a table giving the several streets and avenues covered by present maintenance contracts.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Available Surplus, Balances of Accounts Covering the Restoration of Maintenance of Pavements on March 20, 1907.

| Title of Account.                                   | Available Surplus. |
|---|--------------------|
| Corporate Stock.                                    |                    |
| 1. Repaving streets, chapter 346, Laws 1889.        | \$2,818 38         |
| 2. Repaving streets, chapter 87, Laws 1892.         | 9,444 47           |
| 3. Repaving streets, chapter 475, Laws 1895.        | 164,466 74         |
| 4. Repaving streets, chapter 87, Laws 1897.         | 37,307 02          |
| 5. Repaving streets, Borough of Manhattan.          | 1,540,000 00       |
| Revenue Bond.                                       |                    |
| 6. Repairing and maintaining asphalt pavements.     | 10,953 54          |
| Receipts from Permits.                              |                    |
| 7. Restoring and repaving, special fund.            | 160,354 90         |
| Appropriation, 1907.                                |                    |
| 8. Repairs and renewals of pavements and regrading. | 597,100 59         |
| 9. Maintenance, Eighth avenue pavement.             | 2,000 00           |

Notes—Nos. 1, 2, 3, 4 and 5: The balances in these accounts are given for the reason that, under an opinion of the Corporation Counsel, copy of which is attached, payments for restoring and maintaining pavements on various streets were made in 1905 from the Corporate Stock account entitled "Repaving Streets, Borough of Manhattan," amounting to over \$350,000.

|   | Per Annum.  |
|---|-------------|
| No. 5. Payrolls of the City employees amount to about.....        | \$80,000 00 |
| No. 7. Payrolls of the City employees amount to about.....        | 85,000 00   |
| No. 7. Estimated amount due asphalt companies.....                | 35,000 00   |
| No. 7. Estimated amount due plumbers, excess permit payments..... | 20,000 00   |
| No. 8. Payrolls of the City Employees amount to about.....        | 550,000 00  |

Department of Finance, City of New York, }  
May 6, 1905.

Mr. JAMES W. STEVENSON, Secretary, Board of Estimate and Apportionment:

Sir—Please find herewith copy of opinion written by the Corporation Counsel, under date of May 3, 1905, in relation to the question presented for his consideration as to whether the work of repairing and maintaining asphalt pavements can be paid for from the proceeds of Corporate Stock issued for repaving streets, or whether payment should properly be made from the moneys provided in the Budget for maintenance and repairs to pavements.

The Corporation Counsel states that the question is one of finance and policy rather than of law, and he advises that the matter be brought to the notice of the Board of Estimate and Apportionment, in view of the attention the subject has recently received.

Respectfully,  
(Signed) WM. MCKINNY, Chief Auditor of Accounts.

Law Department,  
Office of the Corporation Counsel, }  
New York, May 3, 1905.

Hon. EDWARD M. GROUT, Comptroller:

Sir—I have received a communication from Deputy Comptroller Phillips, dated February 27, 1905, enclosing contract No. 11326 with the United States and Venezuela Company, dated October 28, 1904, for repairing and maintaining asphalt pavements in the Borough of Manhattan for one year from the date thereof. The streets are named in the contract and are those "on which the original guarantee of maintenance has expired, or will expire during the term of the contract." The estimated cost is \$100,400. The contract has been duly executed and the amount earned thereunder is stated as \$43,600. The President of the Borough of Manhattan has attached to the contract a certificate under section 149 of the Charter certifying that the expense is chargeable to "repaving streets, Borough of Manhattan, section 169, chapter 379, Laws of 1807, as amended by chapter 563, Laws of 1902."

There is also the usual certificate of the Comptroller to the effect that there remains unapplied and unexpended a balance of the fund applicable to the contract sufficient to pay the estimated expense of executing the same.

It appears also from the stamps on the margin, opposite to the certificate, that payment is to be made from the bond account for repaving streets under sections 48 and 169 of the Charter.

I am informed that the bond account referred to was authorized by a resolution of the Board of Estimate and Apportionment adopted March 31, 1904, to the effect that the Board under section 169 of the Charter authorized the Comptroller to issue Corporate Stock to the amount of \$3,000,000, the proceeds of which are to be applied to the repaving of streets in the various boroughs under certain conditions.

The tenth subdivision of section 169 of the Charter, as amended by Laws of 1902, chapter 563, provides that Corporate Stock may be authorized to be issued by the Board of Estimate and Apportionment without the concurrence or approval of any other Board or public body, "for the repaving of streets to an amount not exceeding \$3,000,000 in any one calendar year."

It appears also that the Board of Estimate and Apportionment made provision in the Budget of 1904 for maintenance and repairs to pavements as follows:

|   |              |
|---|--------------|
| Maintenance of Boulevards, Roads and Avenues.....   | \$114,150 00 |
| Repairs and Renewal of Pavements and Regrading..... | 410,758 00   |

In this situation the question presented for my consideration is as to whether the work performed under this contract can be paid for from the proceeds of Corporate Stock issued for repaving streets, or whether payment should properly be made from the moneys provided through the Budget of 1904 for maintenance and repairs to pavements.

It is evident that the contract was executed, and work done thereunder, for a part of which payment has already been made, on the theory that it was proper to pay the expense out of the proceeds of Corporate Stock issued for repaving under section 169 of the Charter. I am informed that the expenses of similar contracts for several years have been paid in that manner.

To change this course now would probably involve a breaking of the contract on the part of the City and the risk of its being compelled to pay a large sum for dam-

ages. As I am informed, there is no money in the fund for maintenance and repairs provided for through the Budget which could be used for this purpose.

Furthermore, if work should be stopped under this contract it would mean that a large amount of repairs to the asphalt pavements in the Borough of Manhattan, now very much needed, would be necessarily delayed for a long time.

There is besides force in the argument that the contemplated repairs to the pavements are repavements which are expected to last as long as the original pavement, and for many years.

Under all the circumstances and for the reasons indicated, I advise that payment be made from the proceeds of Corporate Stock as contemplated when the contract was made.

At the same time I doubt whether this course should be followed in the future, and whether it is in strict accordance with the City's financial system.

I would suggest, therefore, that you bring the subject to the attention of the Board of Estimate and Apportionment.

While in a sense the work proposed to be done under this contract is repaving, and is perhaps expected to remain in use for many years, and as long as the original pavement, yet it is, I think, more properly repairs or maintenance, and should be paid from moneys raised through the Budget. A similar contract is made each year, and it seems hardly in accordance with well recognized principles that money becoming due under such contracts should be paid from the proceeds of Corporate Stock which does not become payable for perhaps fifty years, and is in effect redeemed through installments raised by taxation each year during the life of the Corporate Stock, and thus by the taxpayers of all those years.

I think also that an examination of the origin and history of the statutes authorizing the issue of long time bonds or Corporate Stock for repavement, would indicate that they were intended to provide the means of paying for repavements of streets where the old pavements, as a whole, had worn out or had become inadequate, and new ones could not be paid for through local assessment.

Questions of finance and policy rather than of law, however, are thus raised, but in view of the attention they have recently received in several branches of the City government, I have suggested that they be brought to the attention of the Board of Estimate and Apportionment.

Respectfully yours,  
(Signed) JOHN J. DELANY, Corporation Counsel.

No. 1898z.

Office of the Commissioners of Accounts, }  
Stewart Building, No. 280 Broadway, }  
New York, March 27, 1907.

Subject—Analysis of Expenditure for Car Fares, Telephone, Cab, Coach and Horse and Wagon Hire, Year 1906, Office of Borough President, Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Dear Sir—In connection with our Special Examination of the office of the President of the Borough of Manhattan, we beg to submit this our Twenty-sixth Report, the same being an analysis of Expenditures for Car Fares, Telephone, Cab, Coach and Horse and Wagon Hire for the year 1906 as of March 15, 1907.

This report is supplemental to the general report of the Borough President's office for the year 1906, No. 1221, dated March 4, 1907.

The difference, if any, in total figures is accountable for the reason, that some of the disbursements for December were not of record when the report of March 4 was made.

Respectfully submitted,  
JOHN C. HERTLE,  
GEO V. SKAL,  
Commissioners of Accounts.

#### SCHEDULE No. 1.

The Purposes for which the Expenditures Were Made.

| Nature of Expenditure.                   | Amount.           |
|--|-------------------|
| For carfare and telephones.....          | \$15,215 36       |
| For incidental expenses.....             | 3,000 00          |
| For hire of cab.....                     | 1,630 00          |
| For hire of coach.....                   | 440 00            |
| For hire of horse, wagon and driver..... | 18,200 00         |
| For hire of horse and wagon.....         | 8,765 50          |
| For hire of truck.....                   | 1,800 00          |
| For keep of horse and buggies.....       | 380 00            |
|  | <hr/> \$49,480 86 |

#### SCHEDULE No. 2.

Coach, Cab, Horse and Wagon Service, Claimant's Name and Address, Purpose and for Whom Service Was Rendered, with the Amounts Paid in Each Instance, Year 1906.

| Payments To.                    | Address.   | Purpose.                     | Service Rendered To.                       | Amount.    |
|---------------------------------|--|------------------------------|--|------------|
| New York Cab Company, Ltd.....  | No. 130 West Thirty-second street.....               | Cab service.....             | President .....                            | \$1,680 00 |
| P. A. Sullivan.....             | No. 102 Washington place.....                        | Horse, wagon and driver..... | General Inspector .....                    | 950 00     |
| George Reilly.....              | .....  | Horse and wagon.....         | General Foreman .....                      | 960 00     |
| Thomas F. Buckley.....          | No. 94 Amsterdam avenue.....                         | Horse and wagon.....         | Assistant Engineer .....                   | 960 00     |
| George Form.....                | No. 130 East Thirty-first street.....                | Horse and wagon.....         | Assistant Commissioner, Public Works ..... | 1,680 00   |
| M. Kane & Son.....              | .....  | Horse and wagon.....         | Assistant Engineer .....                   | 960 00     |
| Martin P. Byrnes.....           | .....  | Horse, wagon and driver..... | Superintendent .....                       | 1,680 00   |
| J. J. Sullivan.....             | .....  | Horse, wagon and driver..... | Assistant Engineer .....                   | 1,680 00   |
| H. Rosenblum.....               | No. 278 Madison street.....                          | Horse, wagon and driver..... | Foreman, S. S.....                         | 1,680 00   |
| H. Rosenblum.....               | No. 278 Madison street.....                          | Coach.....                   | Paymaster .....                            | 440 00     |
| Dennis Duff.....                | No. 470 Eleventh avenue.....                         | Horse and wagon.....         | General Inspector.....                     | 960 00     |
| M. J. Sullivan.....             | .....  | Truck, street signs.....     | .....                                      | 1,800 00   |
| John McGovern.....              | No. 612 West Fifty-first street.....                 | Horse, wagon and driver..... | Superintendent of Incumbrances.....        | 1,680 00   |
| Edward Monaghan.....            | No. 65 Gouverneur street.....                        | Horse, wagon and driver..... | Superintendent of Maintenance.....         | 1,680 00   |
| John J. Marn.....               | No. 179 Amsterdam avenue.....                        | Horse, wagon and driver..... | General Inspector .....                    | 960 00     |
| J. J. Smith.....                | No. 325 West Houston street.....                     | Horse, wagon and driver..... | Superintendent .....                       | 1,680 00   |
| William Grandon.....            | No. 1512 Lexington avenue.....                       | Horse, wagon and driver..... | Superintendent of Construction.....        | 560 00     |
| Jas. F. Ryan.....               | .....  | Horse and wagon.....         | Chief Engineer .....                       | 320 00     |
| J. J. Timmons.....              | No. 265 West One Hundred and Seventeenth street..... | Horse, wagon and driver..... | Superintendent .....                       | 280 00     |
| Riverside Stable Company.....   | .....  | Horse, wagon and driver..... | Assistant Engineer .....                   | 1,440 00   |
| Peter Curran.....               | .....  | Horse, wagon and driver..... | Superintendent .....                       | 1,120 00   |
| Riverview Boarding Stables..... | .....  | Horse and wagon.....         | Chief Engineer .....                       | 640 00     |
| Jos. Grandon.....               | .....  | Horse and wagon.....         | Superintendent of Construction.....        | 1,120 00   |
| Wm. Jones.....                  | .....  | Horse and wagon.....         | Commission .....                           | 1,680 00   |

| Payments To.           | Address.   | Purpose.                     | Service Rendered To.  | Amount.     |
|------------------------|--|------------------------------|-----------------------|-------------|
| John Mulligan.....     |  | Horse and wagon.....         | Chief Engineer .....  | 1,540 00    |
| McConnelly & Son.....  | Nos. 431 to 435 East Seventy-seventh street..... | Keep of horse and wagon..... | Superintendent .....  | 380 00      |
| Union Cab Company..... | Nos. 66 and 68 East Eighty-fifth street.....     | Horse and wagon.....         | Chief Inspector ..... | 308 00      |
| F. C. Pitney.....      | No. 66 East Eighty-fifth street.....             | Horse and wagon.....         | Chief Inspector ..... | 301 00      |
| J. W. Pitney.....      | Nos. 57 and 59 Irving place.....                 | Horse and wagon.....         | Chief Inspector ..... | 136 50      |
|                        |  |                              |                       | \$31,265 50 |

## SCHEDULE No. 3.

Individual Expenditures for Carfares and Telephones, also those Made by Heads of Departments, Embracing Claims Made by Their Subordinates With the Names and Titles of the Employees and the Amount Paid in Each Instance Yearly.

| Expended by and Position.                           | Amount.   |
|---|-----------|
| N. R. O'Connor, Chief Inspector.....                | a\$24 40  |
| N. R. O'Connor, Chief Inspector.....                | b155 20   |
| J. F. Ahearn, President.....                        | c3,000 00 |
| J. K. Daragh, Foreman.....                          | 25 15     |
| M. J. Brown, P. A. Engineer.....                    | 3 85      |
| E. B. Courses.....                                  | 23 50     |
| J. Divine, Inspector.....                           | 98 70     |
| Frank Ferguson, Assistant Foreman.....              | 93 40     |
| J. A. Ginley, Axeman.....                           | 55 60     |
| J. J. Lynch, Stone Mason.....                       | 117 40    |
| L. F. Osborne, Inspector.....                       | 115 20    |
| E. R. Scott, Inspector.....                         | 105 23    |
| C. McGloin, Assistant Foreman.....                  | 121 80    |
| J. J. O'Keiffe, Inspector.....                      | 76 35     |
| R. L. McNicoll, Inspector.....                      | 113 70    |
| W. E. Atwell, Confidential Inspector.....           | 126 55    |
| N. B. Gardner, Assistant Engineer.....              | 3 45      |
| M. F. McGeoy, Foreman.....                          | 157 75    |
| H. McCudden, Laborer.....                           | 26 65     |
| J. J. Cookley, Laborer.....                         | 2 52      |
| J. McKenzie, Janitor Engineer.....                  | 14 59     |
| T. J. Sanford, Inspector.....                       | 12 80     |
| J. J. Gorman, Bath Attendant.....                   | 12 60     |
| John Mulvihill, Foreman.....                        | 36 00     |
| F. P. Laut, Transitman.....                         | 206 40    |
| J. J. Murphy, Transitman.....                       | 37 35     |
| Charles D. Thomas, Transitman.....                  | 48 75     |
| George R. Olney, Chief Engineer.....                | d1,395 75 |
| George F. Scannel, Superintendent.....              | e4,652 85 |
| R. N. Wood, Inspector.....                          | 40 35     |
| M. Lanigan, General Foreman.....                    | 28 50     |
| J. E. Clifford, Foreman Laborers.....               | 14 95     |
| J. J. Dunne, Clerk.....                             | 34 55     |
| C. V. Vilhauer, Foreman.....                        | 12 50     |
| W. H. Mulligan, Foreman.....                        | 20 40     |
| Wm. E. Severence, Inspector.....                    | 37 15     |
| J. F. Lyons, Inspector.....                         | 5 65      |
| J. J. Reddy, Inspector.....                         | 7 10      |
| T. M. McEntegart, Superintendent.....               | 89 05     |
| M. J. Browne, P. A. Engineer.....                   | 265 60    |
| Wm. B. Taylor, Leveler.....                         | 89 75     |
| John Ravell, Engineer, Transitman and Computer..... | 311 05    |
| Thos. P. McMahon, Foreman.....                      | 109 00    |
| Stephen Fitzsimmons, Assistant Foreman.....         | 95 60     |
| Maurice Wilkinson, Foreman.....                     | 136 50    |
| John Hummel, Foreman.....                           | 94 65     |
| John A. Conroy, Assistant Foreman.....              | 156 05    |
| Thos. P. McGlynn, Foreman.....                      | 60 80     |
| Richard V. Croker, Foreman.....                     | 132 30    |
| Jas. J. Gaw, Foreman.....                           | 133 90    |
| Thos. F. Gerretty, Foreman.....                     | 174 60    |
| Isaac Jacob, Assistant Foreman.....                 | 144 70    |
| Walter F. McCaffrey, Foreman.....                   | 101 15    |
| John Stanley, Foreman.....                          | 94 90     |
| John G. Mahoney, Tinsmith.....                      | 113 55    |
| Thos. J. Sullivan, Chief Cabinetmaker.....          | 124 85    |
| Edward McVay, Foreman.....                          | 104 84    |
| Lawrence Curtain, Assistant Foreman.....            | 136 05    |
| John J. Cashman, Foreman.....                       | 31 85     |
| Wash. W. Weeks, Superintendent.....                 | 24 72     |
| Peter B. McCahill, Bath Attendant.....              | 147 70    |
| Jos. Hyland, Bath Attendant.....                    | 32 06     |

| Expended by and Position.                 | Amount.     |
|---|-------------|
| Daniel Kenedy, Bath Attendant .....       | 33 74       |
| Chas. Schonburg, Bath Attendant .....     | 34 72       |
| John B. Byrnes, Bath Attendant .....      | 35 42       |
| Timothy Redican, Bath Attendant .....     | 26 88       |
| Samuel G. Burns, Bath Attendant .....     | 31 22       |
| Edwin T. Hydeji, Foreman .....            | 102 24      |
| Jos. P. McCarthy, Bath Attendant .....    | 193 90      |
| Henry J. Waterson, Bath Attendant .....   | 11 20       |
| Jos. Ferguson, Bath Attendant .....       | 41 02       |
| Andrew Ridley, Assistant Foreman .....    | 44 80       |
| Robt. H. Smith, Bath Attendant .....      | 34 30       |
| Thos. J. Kavanagh, Bath Attendant .....   | 29 96       |
| Jos. Ridley, Ship Caulker .....           | 46 66       |
| Jas. F. Sneedeker, Bath Attendant .....   | 25 76       |
| John Mulvihill, Foreman .....             | 103 40      |
| John A. Voorhies, Carpenter .....         | 30 63       |
| Francis O'Brien, Bath Attendant .....     | 10 92       |
| John J. Coakley, Laborer .....            | 21 42       |
| Louis F. Hasslacher, Bath Attendant ..... | 3 36        |
| Chas. Vanderburgh, Bath Attendant .....   | 4 48        |
| Wm. Flood, Carpenter .....                | II 11       |
| John J. Sweeney, Bath Attendant .....     | 2 66        |
| Patrick J. Griffen, Bath Attendant .....  | 3 22        |
| Thos. F. Daly, Stoker .....               | 1 40        |
| Jas. J. McMahon, Bath Attendant .....     | 1 40        |
| Jas. J. Tallon, Bath Attendant .....      | 9 94        |
| Francis Griffen, Bath Attendant .....     | 2 10        |
| Mathias W. Gleason, Bath Attendant .....  | 1 82        |
| John Schecker, Bath Attendant .....       | 2 10        |
| Michael Rafferty, Bath Attendant .....    | 2 38        |
| Peter Carev, Bath Attendant .....         | 2 80        |
| Henry E. Mason, Bath Attendant .....      | 1 47        |
| John F. McEvoy, Bath Attendant .....      | 2 10        |
| Peter J. Sheridan, Bath Attendant .....   | 2 52        |
| Thos. F. Savage, Bath Attendant .....     | 5 18        |
| Morris Lovey, Bath Attendant .....        | 6 44        |
| Thos. B. Sheridan, Bath Attendant .....   | 4 80        |
| E. S. Murphy, Superintendent .....        | f2,255 88   |
| B. J. Gorman, Chief Inspector .....       | f159 40     |
| Rud. P. Miller, Assistant Engineer .....  | g65 75      |
| F. H. Dewey, Assistant Engineer .....     | g28 00      |
|   | \$18,215 36 |

a Carfare. b Telephones. c Incidentally. d Engineering Force. e Inspector, Foreman, Drivers, Laborers. f Carfares and incidentals. g Railroad transportation.

No. 1898aa.

Office of the Commissioners of Accounts, |  
Stewart Building, No. 280 Broadway,  
New York, March 28, 1907.

Subject—Available Funds, April 1, 1906, and January 1, 1907, for Appropriation and Special and Trust Accounts, Relating to the Restoration and Maintenance of Pavements, Office of President, Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the Borough President of Manhattan, and at the verbal request of John Purroy Mitchel, Esq., Special Counsel, we beg to transmit this our twenty-seventh report, a copy of which has been transmitted to the Corporation Counsel.

Respectfully,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Statement Showing Cash Balances, Approximate Outstanding Obligations, Payrolls for Ensuing Year and Available Balances on April 1, 1906, and January 1, 1907.

|  | Cash Balances,<br>April 1,<br>1906. | Approximate<br>Outstanding<br>Obligations,<br>April 1,<br>1906. | Estimated<br>Payroll,<br>Months, 1906. | Available<br>Funds,<br>April 1,<br>1906. | Cash Balance,<br>January 1,<br>1907. | Approximate<br>Outstanding<br>Obligations,<br>January 1,<br>1907. | Estimated<br>Payroll<br>for 1907. | Available<br>Funds,<br>January 1,<br>1907. |
|--|-------------------------------------|---|--|--|--------------------------------------|---|-----------------------------------|--|
| Repaving streets, Borough of Manhattan.....          | \$3,024,372 06                      | \$1,338,408 78  | \$60,000 00                            | \$1,625,963 28                           | \$1,831,629 05                       | \$644,988 37  | \$80,000 00                       | \$1,106,640 68                             |
| Repairing and maintaining asphalt pavements.....     | 279,383 01                          | 116,033 01  | .....                                  | 163,350 00                               | 177,913 57                           | 94,444 99   | .....                             | 83,468 58                                  |
| Restoring and repaving, Special Fund.....            | 119,401 78                          | 35,000 00   | 63,000 00                              | 21,401 78                                | 149,349 41                           | 35,000 00   | 85,000 00                         | 29,349 41                                  |
| Repairs and renewals of pavements and regrading..... | 518,911 56                          | 19,774 64   | 420,000 00                             | 79,136 92                                | 654,507 50                           | 16,464 64   | 550,000 00                        | 88,042 86                                  |
| Maintenance of Eighth avenue pavements .....         | *19,200 00                          | .....   | .....                                  | .....                                    | 2,000 00                             | .....   | .....                             | .....                                      |

\* No charges against this account.

No. 1898ab.

Office of the Commissioners of Accounts, |  
Stewart Building, No. 280 Broadway,  
New York, March 29, 1907.

Subject—Available Balances, April 1, 1906, and March 20, 1907, in the Fund for Restoring Pavements, in the Office of the Borough President of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the Borough President of Manhattan, and as per verbal request of John Purroy Mitchel, Esq.,

Special Counsel, we submit herewith our twenty-eighth report, showing the available balances, April 1, 1906, and March 20, 1907, in the Fund for Restoring Pavements, copy of which has also been transmitted to the Corporation Counsel.

Respectfully submitted,

JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

## FUND FOR RESTORING PAVEMENTS.

Available Balances, April 1, 1906, and March 20, 1907.

|   |             |
|---|-------------|
| Assessment Bonds, authorized issue, October 28, 1904..... | \$25,000 00 |
| Audited vouchers, April 1, 1906.....                      | \$3,084 50  |
| Outstanding, April 1, 1906.....                           | 487 53      |

3,572 03

|                                       |             |
|---------------------------------------|-------------|
| Available balance, April 1, 1906..... | \$21,427 97 |
| Audited vouchers, March 20, 1907..... | \$785 13    |
| Outstanding, March 20, 1907.....      | 4,458 20    |

5,223 33

|  |             |
|--|-------------|
| Available balance, March 20, 1907..... | \$16,204 64 |
|--|-------------|

This fund is available solely for restoration of pavements destroyed by building operations.

No. 1898ac.

Office of the Commissioners of Accounts, Stewart Building, No. 280 Broadway, New York, March 30, 1907.

Subject—"Restoring and Repaving Special Fund Account," Receipts and Disbursements Classified, Years 1901 to 1906, Both Inclusive. Office Borough President, Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the Borough President of Manhattan, and as per verbal request of John Purroy Mitchel, Esq., Special Counsel, we submit herewith this our twenty-ninth report of "Restoring and

Repaving Special Fund Account," Receipts and Disbursements Classified, Years 1901 to 1906, both inclusive.

The attached schedules show as follows:

## Schedule "A."

Receipts for permits granted for street openings.

## Statement "B."

Disbursements charged to this account classified from January 1, 1901, to December 31, 1906.

Respectfully submitted,

JOHN C. HERTLE,

GEO. V. SKAL,

Commissioners of Accounts.

## STATEMENT A.

Receipts from Permits, January 1, 1901, to December 31, 1906.

| Year.     | Amount.    |
|-----------|------------|
| 1901..... | 101,985 24 |
| 1902..... | 109,852 31 |
| 1903..... | 125,288 28 |
| 1904..... | 153,703 90 |
| 1905..... | 170,474 01 |
| 1906..... | 158,968 10 |

\$820,271 84

1906.....

158,968 10

## STATEMENT B.

Disbursements Charged to the Account, Restoring and Repaving, Special Fund, January 1, 1901, to December 31, 1906.

| Year.     | Payrolls.    |             |              |             |            |             | Asphalt on Order. | Car Fare.    | Miscellaneous Work. | Returned to Owners and Plumbers. | Total.      |              |
|-----------|--------------|-------------|--------------|-------------|------------|-------------|-------------------|--------------|---------------------|----------------------------------|-------------|--------------|
|           | 37½.         | 37.         | 36.          | 51.         | 29.        | 30.         | 00.               |              |                     |                                  |             |              |
| 1901..... | \$13,863 50  | \$5,009 10  | .....        | \$56,858 32 | .....      | .....       | .....             | \$15,675 48  | \$1,665 79          | \$6,685 80                       | \$891 50    | \$100,649 49 |
| 1902..... | 18,090 75    | 2,974 97    | \$19,077 73  | .....       | .....      | .....       | .....             | 20,254 20    | 1,866 53            | .....                            | 3,104 50    | 65,368 68    |
| 1903..... | 11,347 75    | 1,145 14    | 66,734 95    | .....       | \$601 00   | \$3,012 00  | \$92 75           | 25,682 82    | 129 65              | 628 25                           | 6,160 32    | 115,534 63   |
| 1904..... | 26,322 50    | 2,000 00    | 47,044 97    | .....       | 1,875 00   | 8,018 11    | .....             | 41,181 99    | .....               | 44 52                            | 10,881 10   | 137,368 19   |
| 1905..... | 20,513 00    | 4,358 50    | 50,070 89    | .....       | 2,310 00   | 11,047 62   | .....             | 45,766 62    | .....               | 607 44                           | 11,483 82   | 146,157 89   |
| 1906..... | 16,633 00    | 4,811 66    | 18,100 91    | .....       | 2,751 00   | 9,545 75    | .....             | 49,412 78    | 434 90              | 413 94                           | 14,918 05   | 117,021 99   |
|           | \$106,770 50 | \$20,299 37 | \$201,029 45 | \$56,858 32 | \$7,537 00 | \$31,623 48 | \$92 75           | \$197,973 89 | \$4,096 87          | \$8,379 95                       | \$47,439 29 | \$682,100 87 |

## Summary.

|                                      |              |
|--------------------------------------|--------------|
| Asphalt companies .....              | \$197,973 89 |
| Car fares .....                      | 4,096 87     |
| Miscellaneous work .....             | 8,379 95     |
| Payrolls .....                       | 424,210 87   |
| Returned to owners and plumbers..... | 47,439 29    |
|                                      | \$682,100 87 |

## Table "A"

| Year.      | Estimated Cost. | Actual Cost. |
|------------|-----------------|--------------|
| 1904 ..... | \$50,710 90     | \$64,369 75  |
| 1905 ..... | 39,283 00       | 43,254 00    |
| 1906 ..... | 74,607 30       | *            |

\* Actual cost figures for 1906 cannot be given, since returns have not as yet been made on all contracts.

The work of this nature was distributed among six different contractors during each of the three years.

In Mr. Mitchel's letter he specifies several different items on which he desires information, which will be treated in the order that he has named them in his letter:

First—The total amount expended (requisition drawn) for this purpose in the three years under review.

## TABLE No. 1.

Expended Under Requisitions.

|                            | 1904.       | 1905.       | 1906.       |
|----------------------------|-------------|-------------|-------------|
| Total amount .....         | \$20,712 94 | \$22,050 41 | \$38,734 00 |
| Smallest requisition ..... | 190 35      | 195 00      | 240 00      |
| Largest requisition .....  | 984 96      | 990 00      | 971 00      |
| Average requisition .....  | 739 75      | 760 39      | 730 83      |

Second—The amount of this work which was caused by sudden catastrophe, and therefore of an immediate, emergent nature.

## TABLE No. 2.

Due to Unforeseen Causes Over Which Bureau Has no Control.

|                    | 1904.    | 1905.      | 1906.      |
|--------------------|----------|------------|------------|
| Total amount ..... | \$686 35 | \$2,848 75 | \$2,160 00 |

Third—The amount of this work which was probably the natural result of the wear and tear upon the sewer so reconstructed or repaired, and therefore of a routine nature, and which could have probably been foreseen.

## TABLE No. 3.

Due to Wear and Tear.

|                    | 1904.       | 1905.       | 1906.       |
|--------------------|-------------|-------------|-------------|
| Total amount ..... | \$20,026 59 | \$19,201 66 | \$36,574 00 |

Subject—Analysis of the Expenditures for Reconstruction and Repairing Sewers. Hon. Commissioners of Accounts, New York City:

Gentlemen—In compliance with your instructions I herewith submit an analysis of the expenditures for reconstruction and repairing sewers, as requested by Mr. J. P. Mitchel, Special Counsel for the investigation of the office of the Borough President of Manhattan, in a letter to the Hon. William B. Ellison, Corporation Counsel, dated March 12, 1907.

The work of the Bureau of Sewers of the Borough of Manhattan, which comes under above heading, is prosecuted in three different ways.

1. When the amount of work to be done is small and within the range of the present organization of the repair force of the bureau, the work is done on the payroll basis by the bureau itself.

2. Up to the \$1,000 limit the work is given out on requisition to contractors.

3. Beyond this amount contracts are let under the usual conditions, after having been advertised.

With respect to the work done under the first class, this does not come within the information desired by Mr. Mitchel.

With respect to the last class, namely, the amount expended under contract, the following table shows the amount so expended during the years 1904, 1905 and 1906:

With respect to the two last tables, it must be noted that nearly all of this work is of an immediate emergent nature, owing to its condition, but that which is caused by unforeseen causes over which the Bureau of Sewers has no control has been classed in Table No. 2, and the rest in Table No. 3.

It is probable that with proper inspection the major part, if not all of this work, could undoubtedly have been discovered in plenty of time to allow for the Department making repairs at its leisure, but under the present condition of inspection work, a very few men are regularly employed at this work, and where complaints of sewers being stopped upon having caved in are continually being received from other Departments or private individuals, the work takes the nature of emergency work, since when the failure of a sewer takes place, the back-water caused by it is very likely to damage adjoining property and be the cause of damage suits against the City, which in almost every instance are successful, the City having to pay damages.

With respect to the fourth item, requesting us to classify the sewers repaired or reconstructed according to the character of the material used, I would say that we have made no such classification, strictly speaking, but can say in a general way that the sewers so repaired are generally either brick or pipe. The work often includes the building of manholes, and the repairs or reconstruction of receiving basins and similar work, and in consequence, owing to the various sizes of the brick sewers, and this work on the appurtenances of the sewers, a classification would be somewhat unsatisfactory.

Fifth—Show what proportion of the repair or reconstruction of sewers was in fact tantamount to the building of a new sewer, and therefore in the nature of a permanent improvement.

With respect to this item, I would say that essentially all of the work that is shown as an expenditure under requisitions has been of this nature; that is, the work has consisted of practically rebuilding the entire sewer for the distance over which the repairs were ordered. In general, the Bureau itself, with its repair gangs, takes care of the instances where it is possible to repair the sewer from the inside; in other words, where it is not essential to rebuild the entire cross section of the sewer.

Sixth—Show the total amount paid to the Hickory Contracting Company for repairing and constructing sewers on open orders, and show what proportion of this work could properly be called of an emergency character.

All of the requisitions during the three years, 1904, 1905 and 1906, for repairing or reconstructing sewers have been issued to the Hickory Contracting Company, and in consequence the proportion of this work which could properly be called of an emergency character is shown by the relation of the figures in Table No. 2 (which is the work of an emergency character in so far as it is due to unforeseen causes over which the Bureau had no control) and Table No. 1, which shows the total amount of work done in those three years.

In addition to the above, I have made several tabulations which are self-explanatory and are given below:

Number of Locations of Work.

| Discovered By.              | 1904. | 1905. | 1906. |
|-----------------------------|-------|-------|-------|
| Bureau of Sewers.....       | 14    | 11    | 14    |
| Other City Departments..... | 2     | 2     | 2     |
| Private Parties .....       | 9     | 16    | 37    |

The figures in this table show that for the most part the majority of instances which required that this work be undertaken are due to complaints from sources outside of the Bureau.

Requisitions Drawn.

| Month.          | 1904. | 1905. | 1906. |
|-----------------|-------|-------|-------|
| January .....   | ..    | 1     | 2     |
| February .....  | 1     | 1     | 3     |
| March .....     | 1     | 2     | 4     |
| April .....     | 1     | 4     | 3     |
| May .....       | 1     | 4     | 6     |
| June .....      | 2     | 2     | 5     |
| July .....      | 4     | 5     | 2     |
| August .....    | 4     | 3     | 7     |
| September ..... | 4     | 1     | 5     |
| October .....   | 2     | 2     | 4     |
| November .....  | 5     | 2     | 6     |
| December .....  | 3     | 2     | 6     |
| Total.....      | 28    | 29    | 53    |

The above table shows the continuity of the work during the entire year.

Length of Repairs, in Feet.

|                | 1904. | 1905. | 1906. |
|----------------|-------|-------|-------|
| Greatest ..... | 188   | 70    | 110   |
| Least .....    | 10    | 15    | 15    |
| Average .....  | 55    | 53    | 50    |

For the purpose of showing the approximate amount of work in length of sewer repaired, the above table was prepared. The figures given do not entirely represent the true situation, because of the variation in the class of sewer constructed, as well as other considerations which tend to modify to a certain degree some of these figures. They do, however, present in a general way a fair idea of the average work done by a contractor under a requisition.

In explanation of this report and reconstruction work, it may be well to state that whenever the department has discovered that repairs are necessary, or a complaint has been served on the department by other parties, an examination is made by one of the officials of the Bureau of Sewers, who determines the necessity for the same and writes a letter to the Superintendent of the Bureau of Sewers, stating the facts, and naming a figure as the estimated cost of the repairs. The estimate is usually stated on the basis of a price per linear foot, which when multiplied by the length of the repairs to be made, and with the inclusion of any special construction, such as manholes and receiving basins, goes to make up the lump sum as the total estimated cost. This price for linear foot estimated depends on the kind of sewer, its size, the depth of the excavation, the character of material to be excavated, the difficulties due to location, the existence of subsurface structures, or street car tracks, etc. It varies in the three years examined from \$10 to \$20 per linear foot. Generally speaking, the majority of the work is estimated at from \$14 to \$16 per linear foot, manholes at from \$40 to \$75 each, and receiving basins from \$200 to \$250 each. It is, of course, possible for the official of the bureau who makes the estimate to compute quite accurately the cost of constructing the sewer proper, but the cost of the other items of work are not so easily determined, and must be dependent, to a large extent, upon the judgment and experience of the estimator. Occasionally the conditions are such that it is impossible to estimate the cost, in which event the instructions in the requisition are for the contractor to proceed on the basis of work by day labor, in which case the Inspector of the bureau who supervises the work is instructed to keep a record of the laboring force employed and the materials used.

I am informed that in estimating on the cost of this work, as above described, a profit of from 20 to 25 per cent. is generally included in the figures.

The letter containing the estimate of the cost of the work is approved by the Chief Engineer of the Bureau and the Superintendent of Sewers, and upon the recommendation of the President of the Borough a requisition is drawn in favor of the contractor who is to do the work.

For the most part the bills of contractors are made out for the exact amount as estimated by the official of the bureau, except in those instances where the work has been done on the day labor basis, and a few others, making a total of eleven instances of that kind in 1904 and three in 1905.

There are four instances in the three years where more than one requisition has been drawn to cover work done in one location. With one exception the whole sum thus expended would amount to more than \$1,000. I attach hereto copies of the various letters for each of these four cases as a matter of explanation, the same being Exhibits Nos. 1, 2, 3 and 4.

I made inquiries in connection with this work as to what the reports of the Inspectors who were appointed to supervise the same consisted of, and learned that except for the instances where the work was prosecuted on the day labor basis, the Inspector made a return of nothing more than his own time, his only duty being to see that the work was performed in a proper manner and according to the specifications of the bureau.

It would undoubtedly be of great value, and serve as an excellent check on the estimated amount, as well as provide data for future estimates, if the Inspectors of the bureau were instructed to make a record of the force of the contractor and all material employed by him on this class of work. At the present time I cannot see that the Inspectors or Engineers of the Finance Department have any means whatever of determining whether the bill sent in by a contractor represents the amount of work that he has done unless they accept the statement of the Inspector of the Bureau of Sewers who was in charge of the work.

In compiling the tables which are included in this report I have prepared a detailed statement of the various requisitions which have been drawn. This detailed statement is in tabular form, consisting of the date of the requisition, the location of the work, the distance over which repairs were estimated to be made, the character of the same, the class of the sewer to be constructed, the cost as estimated by the bureau official, the actual amount paid as shown by the voucher containing the contractor's bill, and memoranda abstracted from the letter of the General Inspector of the Bureau of Sewers, showing whether the work was brought to their attention by private parties or whether it was discovered by themselves.

I believe that the tables included in this report show all of the information that was asked for by Mr. John Purroy Mitchel, but in the event of his desiring these detailed tabular statements they can be prepared for his use.

Respectfully submitted,  
(Signed) OTTO H. KLEIN, Chief Engineer.

EXHIBIT No. 1.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, August 8, 1904.

HORACE LOOMIS, Esq., Chief Engineer:

Dear Sir—Would respectfully call your attention to very serious break in sewer in Ninety-sixth street, between Riverside drive and West End avenue, and request order be drawn for some contractor to be ordered on at once to excavate trench, to relieve house drainage of the neighborhood, and as this sewer will have to be rebuilt would request that heavy timber sheeting be placed in this cut so as to hold street after sewer is relieved, until contract can be drawn up for rebuilding. Emergency calls for this action to avoid law suits.

The trench will have to be at least 8 feet by 60 feet by 35 feet to be excavated, and about 20,000 feet of heavy board measurement—all of which I estimate about \$1,550.

Respectfully yours,  
(Signed) WILLIAM KLEIN, General Inspector.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, September 2, 1904.

Mr. HORACE LOOMIS, Chief Engineer:

Dear Sir—Herewith I inform you that the contractor on Ninety-sixth street excavation has got down to sewer in trench, but we find that break is ahead of present location. As matters are at present we cannot get into sewer to locate positively where the break is. Our last opening was made about 30 feet ahead of depression of street, which, as a rule, proves correct, but failed on this occasion. Conditions caused this failure. It is positive that another opening must be made, and I recommend that contractor get a second order for same size opening, about 25 feet beyond present one. I can only recommend that the same price be granted for this opening but, to be honest, it is really not enough for this class of work, as the filling along line of trench is something terrible; stone filling all of large size requiring derrick to hoist out of trench—in my judgment should be done under day system.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, September 14, 1904.

Mr. M. J. BROWNE, Principal Assistant Engineer:

Dear Sir—I herewith call your attention to work now being done by contractor on sewer in Ninety-sixth street, west of West End avenue. The conditions must be explained from beginning, so you will thoroughly understand the facts.

Complaint of sewer broken reached office. Our force at once proceeded to examine what was the cause. The distance between manholes was about 300 feet—impossible to get into manhole at the easterly end on account of water and dirt being up for some 20 feet—at westerly end, manhole, although running clear in sewer, no living person could get up toward break.

I recommended order be issued to excavate 30 feet at location where depression was in surface, which is the usual custom. When we got down to sewer, we found break was beyond excavation. I had no alternative but to recommend second cut, which was opened and reached sewer late yesterday afternoon, removed all obstructions of very large stones now on the ground, continued to work toward east or first cut, when we found at about 11 feet between both cut and cave-in sewer; everything possible was done to remove these obstructions, but it is a very dangerous procedure, every stone removed means the falling in of whole street and blocking up the whole area of drainage—that this outlet controls, under such serious conditions, and one that I may say has not been handled during all my experience in department.

I again recommend that another order on the contractor now at work who has handled the work properly, be ordered to continue and remove from surface down the distance between both cuts now open. I recognize the fact that this is somewhat irregular to our usual custom in doing work, but as already stated, it is an emergency call for protection of department and neighborhood, which cannot be overcome and any delay may cause a hundredfold bill of damages against the City, as already claim has been made against the City by owner northeast corner Ninety-sixth street and West End avenue.

I would also call your attention to the fact that I had the Comptroller's Engineer Inspector, Mr. A. G. Culver, call at the work to see for himself the difficulties and conditions that the department had to contend against.

Hoping this explanation will prove to your satisfaction, the necessity and urgent action in this unusual condition, I remain,

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, October 11, 1904.

HORACE LOOMIS, Esq., Chief Engineer of Sewers:

Dear Sir—I would respectfully call your attention to the present conditions of Ninety-sixth street sewer. As you are aware, several orders have already been given to properly locate original break, which was located between first and second cut—after which three orders were issued. We have now worked along for a distance of about 40 feet, but still we don't seem to get to end of broken sewer, and no examination can be made from easterly side to locate break. The nearest manhole that can be entered is near Broadway, or about 200 feet from excavation—manhole at H. L. of West End avenue in Ninety-sixth street sewer is filled with water and dirt, also manhole on West End avenue sewer, north side, has four (4) feet of dirt and water.

This explanation is necessary to inform you why break cannot be positively located. This a. m. I have again had an interior examination made west of our cuts. We find sewer in very bad shape, cracked and partly broken and dirt and stones of every description. From indications of surface of street east of our cuts, the pavement at intersection of West End avenue at Ninety-sixth street has been repaved several times since we opened up street, all of which proves to my satisfaction the sewer is broken possibly to easterly line of West End avenue.

I earnestly request that a contract be formulated as quickly as possible to rebuild Ninety-sixth street sewer, from Viaduct to West End avenue. The conditions and location are of such a serious character that I advise this for a general protection of Department and permanent business thoroughfare.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, October 13, 1904.

Hon. HORACE LOOMIS, Chief Engineer of Sewers:

Dear Sir—In answer to request of President's office that an estimate was omitted in third order for Ninety-sixth street sewer matter, herewith return answer that I inferred that this work would continue under the emergency clause or conditions, but to avoid further complications in this special case, the estimated cost of work as above mentioned should be about \$950.

Respectfully,  
(Signed) WILLIAM KLEIN, General Inspector.

EXHIBIT No. 2.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, March 17, 1904.

Hon. MATTHEW F. DONOHUE, Superintendent of Sewers:

Dear Sir—Mr. William Klein, General Inspector, has presented to me the case of sewer stopped by the influx of marble dust from rubbing beds, etc., in One Hundred and First street, between First avenue and the East river. It appears that this sewer originally discharged on the beach at the foot of the street, but that the Department of Docks built a wall in front thereof, and filled in back of the wall, and extended the sewer by means of a box to the river, which box has now become filled with this silt, and it is necessary to dig it up for a distance of about 188 feet.

On account of the lack of laboring men to do this digging, the work that has been accomplished up to now is very small compared to what has to be done, and Mr. Klein feels unable to cope with the situation with the force at hand, and therefore requests that an order be given to dig the trench and sheet it; and whatever rebuilding or repairing of sewer is necessary, Mr. Klein will do with his own force.

We figure that there will be 420 yards of earth to be taken out of the trench and deposited on the back to be used as back filling after the sewer is restored, and that it will take about 13,500 feet of timber to do this sheeting, which, when the work is done, will be removed to the Corporation Yard.

We estimate the cost of this in the neighborhood of \$900, and I would suggest that as this runs so near to the \$1,000 limit, it would be well to take bids to see if the cost of the work can be kept within that sum.

Yours respectfully,  
(Signed) HORACE LOOMIS, Chief Engineer of Sewers.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, May 12, 1904.

Hon. MATTHEW F. DONOHUE, Superintendent of Sewers:

Dear Sir—I herewith call your attention to the completion of excavation for sewer at One Hundred and First street and Harlem river, previous to which it was impossible to tell the condition of bottom for reconstruction.

We now find that sewer can be built, but so as to avoid future complications in final construction when the City gets the right of way of the public streets, I would recommend that a temporary 12-inch pipe line be built from the present brick sewer to the outlet alongside of the Dock Department's bulkhead line, so that proper drainage can be had by those who now use the public sewer in One Hundred and First street.

To do this it will be necessary for a new order to be issued to lay pipe sewer, refill cut and replace pavement in proper condition for public thoroughfare.

In this construction it will also be necessary to form a timber bottom to receive the line of pipe and a new manhole at curb for cleaning in case of any stoppage. I estimate the cost at about \$5 per foot, for a length of 185 linear feet, \$925.

I also enclose for your consideration estimate in detail for the above work.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector.

|   |          |
|---|----------|
| 6 feet by 12 feet by 185 feet refilling, 493 yards at 50 cents..... | \$250 00 |
| 4 inches by 27 inches by 185 feet timber, 1,357.....                | 35 00    |
| 185 feet 12-inch pipe and bands, 60 cents per foot.....             | 115 00   |
| 7 feet by 185 feet pavement, 144 yards at \$3.....                  | 432 00   |
| One manhole .....   | 75 00    |
|   | <hr/>    |
|   | \$907 00 |
|   | <hr/>    |

EXHIBIT No. 3.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, September 26, 1905.

Hon. MATTHEW F. DONOHUE, Superintendent of Sewers:

Dear Sir—A very serious outbreak has taken place in One Hundred and Twentieth street, just east of Park avenue. Croton service pipe broke, but is now being repaired. Sewer also broke, back water in cellars, pavement undermined and our force working rods to keep water down.

I would request that an emergency order be issued to relay in concrete bed new pipe sewer for a distance of about 45 feet, from first manhole east of Park avenue. Estimated cost of excavating, sheeting, relaying of pipe, refilling of cut, \$13 per foot, or lump sum of \$585. The replacing of pavement is not included, as it is an impossibility to say at present how much must be relaid.

I would also inform you that this street is running sand, requiring extra skill and caution in sheeting to avoid further falling in of pavement, and contractor selected should be ordered on at once.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector.

Approved:  
(Signed) Horace Loomis, Chief Engineer of Sewers.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
October 11, 1905.

Hon. MATTHEW P. DONOHUE, Superintendent of Sewers:

Dear Sir—I am again compelled to call your attention to sewer in One Hundred and Twentieth street, between Park and Lexington avenues. On September 26 order was issued to repair about 45 feet of sewer, which was completed a few days ago. Last night another break took place just west of new work.

As already stated in my previous letter, this street being running sand requires expert skill and caution and makes it compulsory on my part to plead for another order to repair about 12 feet of 12-inch pipe sewer and rebuilding of manhole as quickly as possible, the cost, estimated, including former conditions of contract, to be \$13 per foot and \$75 for new manhole, or lump sum of \$228.

I would also request that I be allowed to order contractor to proceed to work at once to relieve houses now having back water and on the completion of this work request that steps be taken to rebuild this sewer in One Hundred and Twentieth street, between Third and Park avenues, as it is badly in need of reconstruction and increase in size.

In conclusion, I beg to say that could we have located full break or conditions originally, should have added this section now asked for; and by way of information may say that both combined are within the limitation of law.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector of Sewers.

Approved:  
(Signed) Horace Loomis, Chief Engineer of Sewers.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, October 13, 1905.

Hon. MATTHEW F. DONOHUE, Superintendent of Sewers:

Dear Sir—As the matter of repairs to sewer in One Hundred and Twentieth street, between Park and Lexington avenues, has become somewhat complicated, through no fault of the Bureau, I would recommend, for your information, as well as for that of the President of the Borough, the following:

The facts are as follows: On September 27 emergency order was issued through proper channels for the sum of \$585. Just as this work was completed another break occurred west, for which a second order has been requested for the sum of \$228. Had we known originally, this section would have been added, but the back-water prevented such examination. Surface indication only warranted order of September 27.

As it conflicts with rules to have two orders on same work, which has been brought about in this case, I would suggest, agreeable with consent of the President's office, that original order of September 27 be declared void or cancelled, and new order or requisition be drawn making both under one head, which would amount in total to \$613.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector of Sewers.

Approved:  
(Signed) Horace Loomis, Chief Engineer of Sewers.

EXHIBIT No. 4.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, December 20, 1906.

Mr. HORACE LOOMIS, Chief Engineer and Acting Superintendent of Sewers:

Dear Sir—The complication in regard to cave-in of public street, opposite No. 37 Wall street, caused by the undermining of the public sewer by the excavations of the Fuller Construction Company, who have also used the public sewer for pumping of water and sand, closing up what small cavities were left when street caved in. The cry for steam for heating, light and water were first required—now the question of sewer and drainage comes forward. The company claims they are not responsible for break of sewer and are trying to avoid the responsibility. Our Bureau will have no difficulty in placing the cause of break and by whom, but as all the public buildings east of (new) No. 37 Wall street are getting back-water, it seems the City must step in and do something for those who are suffering, and request that an order be issued to proceed at once with some contractor. The excavating, sheeting and rebuilding of at least 50 feet of brick sewer opposite No. 37 Wall street, also refilling; the question of pavement will have to be settled later on; this work to proceed day and night until sewer is clear and running. I estimate the cost of this at the rate of \$18 per foot. This is a reasonable price when all conditions are considered.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector of Sewers.

President of the Borough of Manhattan,  
Offices Commissioner of Public Works, Bureau of Sewers,  
Nos. 13 to 21 Park Row,  
New York, December 27, 1906.

Mr. HORACE LOOMIS, Chief Engineer and Acting Superintendent of Sewers:

Dear Sir—Again I am compelled to call your attention to repairs to sewer in Wall street. At the time I made my first estimate as to amount of sewer to be repaired the conditions in street were such that it was utterly impossible to make interior examination of sewer, on account of steam which was almost as bad on surface of street, where different companies were making repairs—Subway Company, Water Department, gas company and steam heating company—all the buildings east of these repairs were being flooded with back-water from sewer. We took our measurements ahead of break and figured that 50 feet would cover all necessary repairs.

Our contractor, under special supervision, worked day and night until the trench was open about 40 feet, where back-water came from eastern buildings after this had run off. Passageway for drainage was made both ways, when we found that the amount of sewer drawn for will not cover the break, and it is necessary to add 26 feet more, or, in other words, a second order will have to be issued to complete this work, and herewith recommend this additional order be given at the same rate and work to be performed as under original order, making the amount \$468.

Yours respectfully,  
(Signed) WILLIAM KLEIN, General Inspector of Sewers.

No. 1898ae.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, April 3, 1907.

Subject—Payments for the Restoration of Pavements Due to "Fire Burns," Charged to Corporate Stock Account "Repaving Streets," Borough of Manhattan. Office of the President of the Borough of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, and as per verbal request of J. P. Mitchel, Esq., Special Counsel, we beg to submit this our thirty-first report on payments for the Restoration of Pavements, due to "fire burns," charged to Corporate Stock Account, Repairing Streets, Borough of Manhattan.

## Register of Orders.

| Year. | Page. | Company.                             | Amount.    |
|-------|-------|--------------------------------------|------------|
| 1903  | 130   | Sicilian Asphalt Paving Company..... | \$1,067 75 |
| 1903  | 126   | Warren Scharf Paving Company.....    | 1,164 00   |
| 1903  | 127   | Warren Scharf Paving Company.....    | 889 20     |
| 1903  | 131   | Barber Paving Company.....           | 1,460 60   |
| 1903  | 131   | Barber Paving Company.....           | 1,015 20   |
| 1904  | 116   | Barber Paving Company.....           | 1,406 60   |

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

No. 1898af.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, April 6, 1907.

Subject—Estimated Amounts for Contracts Let and Orders Issued Between April 1, 1906, and January 1, 1907, for Repairing or Maintaining Pavements, and Charged to the Several Accounts Designated, Borough President of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, and at the verbal request of J. P. Mitchel, Esq., Special Counsel, we beg to submit this our thirty-second report, the subject of which is explained above.

A copy of this report has been transmitted to the Corporation Counsel.

|  | Contracts.   | Orders.     |
|--|--------------|-------------|
| Restoring and repaving.....                    | .....        | \$41,363 13 |
| Repairing and maintaining.....                 | \$153,350 00 | 24,648 31   |
| Repaving streets .....                         | 480,099 86   | 1,405 29    |
| Repairs, renewing pavements and regrading..... | .....        | 5,444 31    |

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

No. 1898ag.

Office of the Commissioners of Accounts,  
Stewart Building, No. 280 Broadway,  
New York, April 10, 1907.

Subject—Cash Balance, Outstanding Obligations and Available Balance, "Restoring and Repaving Special Fund," on January 1, 1904. Office of Borough President of Manhattan.

Hon. GEORGE B. McCLELLAN, Mayor:

Sir—In connection with our special examination of the office of the President of the Borough of Manhattan, and in compliance with the verbal request of J. P. Mitchel, Esq., Special Counsel, we beg to submit this our thirty-third report, transmitting the following data:

Restoring and Repaving, Special Fund.

|   |             |
|---|-------------|
| Cash balance, January 1, 1904.....                      | \$66,751 47 |
| Payments on orders issued prior to January 1, 1904..... | \$13,240 06 |
| Outstanding orders issued prior to January 1, 1904..... | 2,704 87    |
|   | 15,944 93   |

Available balance, January 1, 1904..... \$50,806 54

Respectfully submitted,  
JOHN C. HERTLE,  
GEO. V. SKAL,  
Commissioners of Accounts.

Which were severally referred to the Committee on Rules.

## AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, Held at Their Office, No. 280 Broadway, New York City, on Tuesday, March 5, 1907, at 2 p. m.

Present—Commissioners Cowan (President), Ten Eyck, Ryan and Windolph and Chief Engineer Sears.

The minutes of February 26, 1907, were read and approved.

The Construction Committee returned to the Commissioners Report No. 1424 of the Chief Engineer, dated March 19, 1906, submitting information requested in resolution adopted February 20, 1906, in regard to adaptation of easterly basin of the Jerome Park Reservoir for strong filtered water, and communication of the Commissioner of Water Supply, Gas and Electricity, dated March 6, 1906, requesting that work on the easterly division of said reservoir be suspended pending the determination of the filtration problem, with the recommendation that the same be filed.

The recommendation of the Committee was adopted.

The Committee of Finance and Audit reported the examination and audit of bills contained in Vouchers Nos. 18,279 to 18,299, inclusive, amounting to \$2,807.28, and of estimates contained in Vouchers Nos. 18,300 and 18,301, amounting to \$18,416.69, which were approved and ordered certified to the Comptroller for payment by the following vote:

Affirmative—Commissioners Cowan, Ten Eyck, Ryan and Windolph—4.

The President orally reported that he had conferred with Assistant Corporation Counsel J. L. O'Brien in regard to consent of the estate of James Malloy, deceased, to assignment by James Malloy & Co. to the Croton Falls Construction Company of their contract for the Croton Falls Reservoir, and had been advised that the consent was in proper form.

Thereupon, the following preamble and resolution were then offered:

Whereas, James Malloy & Co., contractors for the construction of the Croton Falls Reservoir (Reservoir K), in the towns of Carmel and Southeast, Putnam County, and Somers, Westchester County, N. Y., have executed an assignment (in triplicate) to the Croton Falls Construction Company of all their right, title and interest in and to a certain contract executed by said James Malloy & Co. with the Aqueduct Commissioners bearing date August 23, 1906, for the construction of said Croton Falls Reservoir; and

Whereas, The estate of James Malloy, deceased, has formally consented in writing to such assignment; and

Whereas, The Corporation Counsel has approved the assignment aforesaid, and the sureties upon said contract have consented to such assignment; therefore

Resolved, That the Aqueduct Commissioners hereby assent and consent to the assignment of the aforesaid contract, and signify their consent thereto by endorsing their signatures upon such assignment.

Adopted by the following vote:

Affirmative—Commissioners Cowan, Ten Eyck, Ryan and Windolph—4.

Report No. 1541 of the Chief Engineer, dated March 4, 1907, recommending that the salary of James P. Dexter, Driver, be fixed at \$3 per day, was received and ordered filed and the following resolution offered:

Resolved, That, upon the recommendation of the Chief Engineer contained in Report No. 1541, the salary of James P. Dexter, Driver, be and hereby is fixed at three dollars, to take effect on this date.

Which was adopted by the following vote:

Affirmative—Commissioners Cowan, Ten Eyck, Ryan and Windolph—4.

Report No. 1542 of the Chief Engineer, dated March 4, 1907, relating to communication from Deputy Comptroller, dated February 23, 1907, in regard to voucher in favor of Adams & Ganung for payment on account of work of erection of Engineer's office at the Croton Falls Reservoir, was received and ordered filed and the President directed to reply to the communication from the Comptroller in accordance with said report.

Report No. 1543 of the Chief Engineer, dated March 4, 1907, in regard to the matter of various highways in the vicinity of the Cross River Reservoir, was received and ordered filed, and the Chief Engineer authorized to proceed with the constructing of the highways, except the highway ordered by the Court to be built across the dam, as to which the President was directed to obtain the opinion of the Corporation Counsel.

Report No. 1544 of the Chief Engineer, dated March 5, 1907, in regard to memorial tablets at the One Hundred and Thirty-fifth Street Gate House, was received and ordered filed.

Report No. 1545 of the Chief Engineer, dated March 4, 1907, recommending that application be made to the Corporation Counsel to obtain immediate possession of Parcel No. 38, Cross River Reservoir Proceedings, was received and ordered filed and the President directed to make such application.

Report No. 1546 of the Chief Engineer, dated March 4, 1907, in regard to communication from Deputy Comptroller, dated February 26, 1907, and opinion of Corporation Counsel dated February 21, 1907, relating to final payment to William J. Flanagan for constructing highways, bridge piers, etc., Croton River Division, was received and ordered filed and the President directed to transmit a copy of said report to the Comptroller.

Communication from the Municipal Civil Service Commission, dated February 28, 1907, in regard to employment of Prof. William H. Burr, as Expert Engineer, was received and ordered filed.

Communication from the Municipal Civil Service Commission, dated March 1, 1907, certifying result of promotion examination to Leveler, was received and ordered filed.

Resignation of John Tompkins, Axeman, dated February 1, 1907, was received and accepted to take effect February 28, 1907.

Communication from the Comptroller, dated February 28, 1907, in regard to writs of execution against the salaries of City employees, was received and ordered filed and the President directed to take such action as may be necessary thereunder.

Report No. 1547 of the Chief Engineer, dated March 5, 1907, stating that no estimate was made for work on Cross River Reservoir during the month of February, 1907, the amount thereof being less than \$5,000, and in accordance with provisions of contract no estimate was required, was received and ordered filed.

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

## AQUEDUCT COMMISSION.

On Tuesday, March 12, 1907, the Commissioners adjourned until Wednesday, March 13, 1907, at 11 a. m.

HARRY W. WALKER, Secretary.

Minutes of Adjourned Meeting of the Aqueduct Commissioners, Held at Their Office, No. 280 Broadway, New York City, on Wednesday, March 13, 1907, at 11 a. m.

Present—Deputy Comptroller McCooey, Commissioners Cowan (President), Ryan and Windolph, and Chief Engineer Sears. Also, Assistant Corporation Counsel John L. O'Brien.

Minutes of March 5, 1907, were read and approved.

Communication from Deputy Comptroller McCooey, dated March 12, 1907, in regard to the balance to the credit of "Additional Water Fund," was received and ordered filed, and the following preamble and resolution were then offered:

Whereas, In the opinion of the Aqueduct Commissioners the further sum of one million dollars will be required to defray the necessary and lawful expenditures of the Commissioners; therefore

Resolved, That the Comptroller of The City of New York be and hereby is requested to raise the sum of one million dollars (\$1,000,000) upon bonds of The City of New York, in conformity with the requirements of section 32, chapter 490, Laws of 1883, of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

Adopted by the following vote:

Affirmative—Deputy Comptroller McCooey, Commissioners Cowan, Ryan and Windolph—4.

The President orally reported that a hearing having been had in the matter of the claim or lien filed with the Aqueduct Commissioners on July 25, 1906, by Messrs. Eugene A. Rudiger and John M. Rudiger against Messrs. Coleman, Breuchaud & Coleman, contractors for the new Croton Dam, for the sum of \$1,200,000, and evidence submitted at a meeting of the Commissioners, held January 29, 1907, on behalf of the Messrs. Rudiger, and on behalf of Messrs. Coleman, Breuchaud & Coleman, for the purpose of enabling the Aqueduct Commissioners to satisfy themselves, under Clause S of the contract for the new Croton Dam and under the provisions of section 354 of the Revised Ordinances of The City of New York, whether or not the amount claimed was due, that he was of the opinion that the claimants had failed to sustain such claim, or any part thereof, by satisfactory evidence, and that the contractors by affirmative evidence had satisfied the Commissioners that no such claim existed.

Whereupon the report of the President was approved and the following resolution offered:

Resolved, That the claimants, Messrs. Eugene A. Rudiger and John M. Rudiger, have failed to furnish to the Aqueduct Commissioners satisfactory evidence that the claim filed by them against Messrs. Coleman, Breuchaud & Coleman, contractors for the new Croton Dam, for the sum of \$1,200,000, is a valid and existing claim, and that no such claim has been established to the satisfaction of the Aqueduct Commissioners, the contractors having furnished affirmative evidence that no such claim exists.

Adopted by the following vote:

Affirmative—Deputy Comptroller McCooey, Commissioners Cowan, Ryan and Windolph—4.

Progress report of the Chief Engineer for the week ending March 7, 1907, was referred to the Construction Committee.

Report No. 1548 of the Chief Engineer, dated March 11, 1907, suggesting that the Commissioner of Water Supply, Gas and Electricity be requested to submit six similar property maps of real estate required for the construction of the new Croton Reservoir, was received and ordered filed and the following resolution offered:

Resolved, That the Commissioner of Water Supply, Gas and Electricity is hereby requested to submit, for the approval of the Aqueduct Commissioners, the six similar property maps required by section 4, chapter 490, Laws of 1883, of the State of New York, entitled "Exhibit No. 3, of 1905," for the acquirement of the use and possession of real estate (of which the fee has been heretofore taken), used for railroad, highways and other public purposes, required for the construction of the new Croton Reservoir, in the towns of Cortlandt, Yorktown, New Castle, Bedford, Lewisboro, North Salem and Somers, Westchester County, New York.

Which was adopted.

Report No. 1549 of the Chief Engineer, dated March 12, 1907, in regard to communication from F. A. Spencer, Secretary, Commission on Revision of Grades and Salaries, relating to a scheme for the establishment of uniform grades of compensation in the Engineer Service of Greater New York, was received and ordered filed and the President directed to communicate with said Commission in reference thereto.

Communication from the Board of Estimate and Apportionment, dated March 9, 1907, regarding authorization of \$500,000 Corporate Stock for uses and purposes of this Commission, was received and ordered entered on the books and filed.

Communication from the Comptroller, dated March 11, 1907, stating that \$250,882.17 was deposited to the credit of the "Additional Water Fund," was received and ordered entered on the books and filed.

Communication from the Municipal Civil Service Commission, dated March 6, 1907, regarding application for change of title of Michael M. Reynolds from Superintendent of Dam Construction to Inspector of Masonry, was received and ordered filed.

Request of John C. Kennerk, Inspector of Masonry, dated March 5, 1907, for transfer from the Department of Water Supply, Gas and Electricity to this Commission, was received and referred to the Chief Engineer.

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

#### AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, Held at Their Office, No. 280 Broadway, New York City, on Tuesday, March 19, 1907, at 2 p.m.

Present—Commissioners Cowan (President), Ten Eyck, Ryan and Windolph and Chief Engineer Sears.

The minutes of March 13, 1907, were read and approved.

The Committee of Finance and Audit reported the examination and audit of estimate contained in voucher No. 18309, amounting to \$832.50, and of bills contained in vouchers Nos. 18310 to 18321, inclusive, amounting to \$1,757.80, which were approved and ordered certified to the Comptroller for payment by the following vote:

Affirmative—Commissioners Cowan, Ten Eyck, Ryan and Windolph—4.

The President and Secretary submitted their respective reports covering the operations of the Aqueduct Commissioners from the date of the last report, 1895, to the end of 1906; and in connection therewith the President returned to the Commissioners Report No. 1540 of the Chief Engineer, dated February 26, 1907, submitting his report covering the work of the Commissioners for said period.

Whereupon the reports were accepted and the Chief Engineer directed to prepare the necessary forms of contract, etc., for publishing the same.

Progress report of the Chief Engineer for the week ending March 14, 1907, was referred to the Construction Committee.

Report No. 1550 of the Chief Engineer, dated March 18, 1907, recommending the promotion of Frank M. Gaiger, Harry G. Hansen and John P. Carver to Levelers, at salaries of \$1,350 per annum, was received and ordered filed and the following resolution offered:

Resolved, That, upon the recommendation of the Chief Engineer contained in Report No. 1550, Frank M. Gaiger, Harry G. Hansen and John P. Carver be and hereby are promoted to the grade of Levelers, at salaries of \$1,350 per annum each, to take effect April 1, 1907, they having been certified as eligible by the Municipal Civil Service Commission on March 1, 1907.

Adopted by the following vote:

Affirmative—Commissioners Cowan, Ten Eyck, Ryan and Windolph—4.

Report No. 1551 of the Chief Engineer, dated March 18, 1907, recommending the promotion of George Attridge to Rodman, at a salary of \$1,050 per annum, was received and ordered filed and the following resolution offered:

Resolved, That, upon the recommendation of the Chief Engineer contained in Report No. 1551, George Attridge be and hereby is promoted to the grade of Rodman, at a salary of \$1,050 per annum, to take effect April 1, 1907, he having been certified as eligible by the Municipal Civil Service Commission on February 18, 1907.

Adopted by the following vote:

Affirmative—Commissioners Cowan, Ten Eyck, Ryan and Windolph—4.

Report No. 1552 of the Chief Engineer, dated March 18, 1907, recommending the fixing of salaries of certain employees was received and laid over.

Communication from the Comptroller, dated March 13, 1907, in regard to voucher of Trowbridge & Livingston for services as architects in co-operating in preparing plans, etc., for gatehouses required at the Jerome Park Reservoir, was received and referred to the Chief Engineer.

Communication from the Board of Estimate and Apportionment, dated March 19, 1907, transmitting resolution of said Board adopted March 15, 1907, authorizing issue of \$1,000,000 Corporate Stock for uses and purposes of this Commission, was received and ordered entered on the books and filed.

Communication from Harrison T. Slosson, as attorney for Charles Waterbury, dated March 13, 1907, in regard to application for right of way across City property, was received and referred to the Chief Engineer.

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

#### AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, Held at Their Office, No. 280 Broadway, New York City, on Tuesday, March 26, 1907, at 2 p.m.

Present—Commissioners Cowan (President), Ten Eyck, Ryan and Windolph and Chief Engineer Sears.

Minutes of March 19, 1907, were read and approved.

Progress report of the Chief Engineer for the week ending March 21, 1907, was referred to the Construction Committee.

Report No. 1554 of the Chief Engineer, dated March 25, 1907, referring to a communication from the Corporation Counsel, dated February 15, 1907, in the matter of the removal of telephone wires and poles from within the flowline of the Cross river reservoir, was received and ordered filed, and the following preambles and resolutions were offered:

Whereas, In the construction of the new Croton aqueduct, its dams and appurtenances, it has been found necessary to take possession of certain rights of way of certain telephone and telegraph lines of the American Telephone and Telegraph Company, now within the limits of the flowline of the Cross river reservoir, and to relocate said lines upon the property of the City above said flowline; and negotiations therefor were entered into with said company; and

Whereas, The Chief Engineer of the Aqueduct Commissioners has submitted Report No. 1523, dated January 7, 1907, in which he has referred to an estimate, dated July 21, 1905, prepared by said company, of the cost of the relocation of its lines and recommended therein that an agreement be entered into; therefore

Resolved, That the Aqueduct Commissioners, subject to the approval of the Board of Estimate and Apportionment, agree with the American Telephone and Telegraph Company to pay said company the sum of five thousand seven hundred and ninety dollars and twenty-seven cents (\$5,790.27) as compensation for all expenses and damages arising from the taking, using and occupying of its rights of way and from said relocation of its lines; and also agree to furnish said company the new rights of way for said lines over the property of The City of New York, which are to be substituted in place of the present rights of way; and further

Resolved, That the Aqueduct Commissioners submit the foregoing preambles and resolution to the Board of Estimate and Apportionment for its consideration and approval, and that in the event of such approval the Corporation Counsel be and hereby is requested by the Aqueduct Commissioners to prepare the necessary papers on behalf of The City of New York to carry out the intention of these resolutions.

Adopted by the following vote:

Affirmative—Commissioners Cowan, Ten Eyck, Ryan and Windolph—4.

Report No. 1556 of the Chief Engineer, dated March 25, 1907, relating to communication from Deputy Comptroller, dated March 13, 1907, in regard to voucher in favor of Trowbridge & Livingston for services as architects in co-operating in preparing plans, etc., for gatehouses at the Jerome Park reservoir, was received and ordered filed, and the President directed to communicate with the Comptroller in accordance with said report.

The Chief Engineer presented forms of contract, specifications, etc., for publishing the Aqueduct Commissioners' report from 1895 to and including 1906; and the President was directed to transmit the same to the Corporation Counsel for his approval.

Communication from the Deputy Commissioner of Water Supply, Gas and Electricity, dated March 21, 1907, submitting, in accordance with section 4, chapter 490, Laws of 1883, six similar property maps of lands required for the new Croton reservoir, and designated "Exhibit No. 3 of 1905"; which was ordered filed.

Communication from the Secretary, Municipal Civil Service Commission, dated March 25, 1907, in regard to the methods of rating promotion examinations, the keeping of efficiency records of graded employees, and the transmission of transcripts thereof to said Commission, was received and referred to the President.

Request of President of Borough of Queens, dated February 20, 1907, for the transfer to his Department of William H. Clayton, Transitman, was ordered filed and the President authorized to consent thereto.

Request of Acting President, Borough of Queens, dated February 23, 1907, for the transfer to his Department of William H. Meyer, Transitman, was ordered filed and the President authorized to consent thereto.

Request of the Board of Water Supply, dated March 22, 1907, for the transfer to said Board of William T. Doyle, Transitman, was ordered filed and the President authorized to consent thereto.

Request of President of Borough of The Bronx, dated March 22, 1907, for the transfer to his Department of Edward F. Elliott, Rodman, was referred to the Chief Engineer.

On motion, the President was directed to communicate with the Commissioner of Water Supply, Gas and Electricity in regard to the suspension of work on the easterly basin of the Jerome Park reservoir.

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

#### BOARD OF ELECTIONS.

Meeting of the Board of Elections held Tuesday, March 12, 1907, at 12 o'clock m.

Present—Commissioners Dooling, Maguire and Fuller.

On motion, Commissioner Fuller was elected Secretary pro tem.

The minutes of the meetings of the Board held on the 28th ult. and the 2d, 4th, 5th and 8th inst. were read and approved.

Lists of persons proposed for appointment as election officers to fill existing vacancies for the term ending August 31, 1907, were received from the Chief Clerk of the Manhattan and Brooklyn borough offices, and the following resolution adopted, viz.:

Resolved, That the persons named in the lists marked for the Borough of Manhattan, C-1, D-1, E-1 and F-1, and for the Borough of Brooklyn M-1, be selected and are hereby appointed as Inspectors of Elections, Poll Clerks and Ballot Clerks for the several election and Assembly districts named, in the place and stead of those previously selected and appointed, who have become disqualified, resigned, died or been removed; that said lists be and are hereby ordered on file and the Chief Clerks of the Boroughs of Manhattan and Brooklyn be and are hereby directed to cause the necessary notices to be issued to said persons, and qualify them according to law.

The Board then adjourned.

RUDOLPH C. FULLER, Secretary pro tem.

#### BOARD OF ELECTIONS.

Meeting of the Board of Elections, held Wednesday, March 27, 1907, at 12 o'clock m.

Present—Commissioners Dooling, Page and Fuller.

The minutes of the meeting of the Board held on the 12th inst. were read and approved.

The following communication was received and ordered on file, viz.:

From the Chief Clerk of the Richmond borough office, dated the 18th inst., reporting in regard to the removal of said office to Borough Hall, New Brighton, S. I.

Lists of the names of persons duly certified as having been appointed as election officers on the day of the special elections, March 12, 1907, by the authorized election officers present at the polls to fill vacancies or in the place of Inspectors of Elections absent, pursuant to the provisions of section 14 of the Election Law, were received from the Chief Clerks of the Manhattan and Brooklyn borough offices.

On motion, the said lists were ordered on file and a record of the same ordered to be entered in full on the minutes of the Board, and certification made to the Comptroller for payment to the persons so appointed of the compensation provided by law.

The following resolution was adopted, viz.:

Resolved, That the following named newspapers be and are hereby designated as the newspapers in and for the respective counties of New York and Kings, as hereinafter specified, in which shall be published respectively the statement and declaration of the several Boards of County Canvassers of said counties as to the votes cast for candidates voted for at the special elections held in said counties on March 12, 1907, viz.: County of New York, New York "Tribune" and "Evening Telegram;" County of Kings, Brooklyn "Daily Eagle" and Brooklyn "Standard Union;" and be it further

Resolved, That the Chief Clerk be and he is hereby directed to transmit a copy of this resolution to the County Clerks of the counties of New York and Kings.

The following payrolls for the month of March, 1907, were approved and ordered to be transmitted to the Municipal Civil Service Commission for certification and thence to the Comptroller for payment, viz.:

|   |                   |
|---|-------------------|
| Commissioners .....                     | \$1,666 64        |
| Clerks and employees of the Board ..... | 1,749 95          |
| Manhattan Borough Clerks .....          | 1,783 32          |
| Brooklyn Borough Clerks .....           | 1,745 72          |
| The Bronx Borough Clerks .....          | 404 16            |
| Queens Borough Clerks .....             | 445 82            |
| Richmond Borough Clerks .....           | 216 66            |
| <b>Total .....</b>                      | <b>\$8,012 27</b> |

The following payrolls were approved and ordered to be transmitted to the Finance Department for payment, viz.:

Compensation of election officers, Revision of Registration and Special Elections, March 2 and 12, 1907—

Fifteenth Assembly District, New York County .....

\$2,832 00

Fourteenth Assembly District, Kings County .....

2,360 00

**Total .....** **\$5,192 00**

|   |                   |
|---|-------------------|
| Compensation for use of polling places, Revision of Registration and Special Elections, March 2 and 12, 1907— |                   |
| Fifteenth Assembly District, New York County.....   | \$840 00          |
| Fourteenth Assembly District, Kings County.....   | 600 00            |
| Total .....   | <u>\$1,440 00</u> |

The following bills were approved and ordered to be transmitted to the Finance Department for payment, viz.:

|   |                   |
|---|-------------------|
| Morgan & Brother, storage rent.....   | \$237 50          |
| A. B. Yetter, storage rent.....   | 166 66            |
| Manhattan Storage Company, storage rent.....                                | 125 00            |
| Eagle Warehouse Company, storage rent.....                                  | 114 94            |
| N. S. Storage Company, storage rent.....                                    | 60 00             |
| Aug. Belmont & Co., storage rent.....                                       | 60 00             |
| Catherine T. Cunningham, storage rent.....                                  | 10 00             |
| M. B. Brown Company, official and sample ballots for special elections..... | 1,090 00          |
| M. B. Brown Company, stationery supplies for special elections.....         | 596 50            |
| M. B. Brown Company, stationery supplies for office use.....                | 13 75             |
| Estate P. H. Keahon, cartage, special election.....                         | 66 00             |
| P. Balford & Son, cartage, special election.....                            | 33 00             |
| James A. Kelly, bookcase.....   | 80 00             |
| The Globe Wernicke Company, filing cabinet and appurtenances.....           | 40 76             |
| Charles T. Hartzheim, copy court opinion.....                               | 3 40              |
| Total .....   | <u>\$2,697 51</u> |

The Board then adjourned.

CHARLES B. PAGE, Secretary.

BOARD OF ELECTIONS.

Meeting of the Board of Elections, held Tuesday, April 2, 1907, at 12 o'clock m. Present—Commissioners Dooling, Page and Fuller.

The minutes of the meeting of the Board held on the 27th ultimo were read and approved.

The following communication and papers were received and disposed of as stated, viz.:

From Joseph Haag, Secretary, Board of Estimate and Apportionment, dated the 30th ultimo, transmitting copy of a resolution adopted by said Board on the 22d ultimo, calling the attention of the heads of Departments to its determination that no further applications for the creation of new positions and grades will be considered prior to the preparation of the annual Budget for the year 1908. Filed.

Copy of petition and order to show cause in a proceeding brought in the Supreme Court, New York County, by one Joseph Weil, for a peremptory writ of mandamus directing the Board to change the record of his enrollment according to the prayer contained in said petition. Referred to the Corporation Counsel for such action on behalf of the Board as he may deem necessary or proper.

The following resolution was adopted, viz.:

Resolved, That the compensation of John S. Cohen, a Clerk in the service of the Board of Elections of The City of New York, be and is hereby fixed and determined to be, until otherwise ordered, at the rate of fifteen hundred dollars per annum, commencing April 1, 1907.

The Board then adjourned.

CHARLES B. PAGE, Secretary.

DEPARTMENT OF STREET CLEANING.

An abstract of the transactions of the Department of Street Cleaning of The City of New York for the week ending March 23, 1907 (section 1546, Greater New York Charter.)

BOROUGHS OF MANHATTAN AND THE BRONX.

Removal of Incumbrances (Section 545, Greater New York Charter).

|   |     |
|---|-----|
| Unredeemed incumbrances on hand March 16, 1907..... | 479 |
| Incumbrances seized during the week.....            | 108 |

|   |     |
|---|-----|
| Incumbrances redeemed and released..... | 587 |
|   | 156 |

Unredeemed incumbrances on hand March 23, 1907.....

|  |     |
|--|-----|
|  | 431 |
|--|-----|

Bills and Payrolls Transmitted to the Comptroller.

|                         |              |
|-------------------------|--------------|
| No. 113. Sundries ..... | \$129,008 41 |
| 118. Sundries .....     | \$18,650 66  |
| 120. Sundries .....     | \$1,956 28   |

|  |             |
|--|-------------|
| 115. J. H. Timmerman (City Paymaster), wages of employees at incinerators week ending March 17, 1907.....        | \$313 50    |
| 116. J. H. Timmerman (City Paymaster), wages of employees of steam dumper, etc., week ending March 17, 1907..... | \$632 36    |
| 121. J. H. Timmerman (City Paymaster), salaries of Commissioner, etc., month of March, 1907.....                 | \$3,247 96  |
| 122. J. H. Timmerman (City Paymaster), salaries of Clerical Force, month of March, 1907.....                     | \$4,800 00  |
| 123. J. H. Timmerman (City Paymaster), wages of sweepers, etc., week ending March 21, 1907.....                  | \$34,343 69 |
| 124. J. H. Timmerman (City Paymaster), wages of Department Cart Drivers, etc., week ending March 21, 1907.....   | \$21,390 99 |
| 126. J. H. Timmerman (City Paymaster), salaries of Automobile Engineers, month March, 1907.....                  | \$550 00    |
| 127. J. H. Timmerman (City Paymaster), wages of hired trucks, week ending March 21, 1907.....                    | \$2,169 00  |
| 128. J. H. Timmerman (City Paymaster), wages of Laborers on snow, week ending March 21, 1907.....                | \$12,014 50 |
| 129. J. H. Timmerman (City Paymaster), wages of hired trucks on snow removal, week ending March 21, 1907.....    | \$7,185 33  |

1906 Accounts.

|                         |            |
|-------------------------|------------|
| 114. Sundry items ..... | \$1,437 16 |
| 125. Sundry items ..... | 1,807 02   |

|                    |                         |
|--------------------|-------------------------|
| 117. Sundry items— | 1906 and 1907 Accounts. |
| 1906 account ..... | \$1,185 00              |
| 1907 account ..... | 2,105 00                |

|                    |            |
|--------------------|------------|
| 119. Sundry items— | \$3,290 00 |
| 1906 account ..... | \$575 41   |
| 1907 account ..... | 1,708 34   |

|  |            |
|--|------------|
| Number of loads of material collected during the week ending March 24, 1907 (March 18 to 24, 1907, inclusive): | \$2,283 75 |
| Ashes .....  | 54,567     |
| Rubbish .....  | 3,908 1/2  |
| Garbage .....  | 3,702 1/4  |
| Total .....  | 62,177 3/4 |

|  |             |
|--|-------------|
| BOROUGH OF BROOKLYN.                               |             |
| Bills and payrolls transmitted to the Comptroller: |             |
| No. 76. Sundries .....                             | \$33,929 85 |

|                    |             |
|--------------------|-------------|
| 82. Sundries ..... | \$22,275 00 |
|--------------------|-------------|

|  |            |
|--|------------|
| 77. J. H. Timmerman (City Paymaster), wages of Laborers on snow, week ending March 17, 1907..... | \$5,219 25 |
|--|------------|

|   |            |
|---|------------|
| 78. J. H. Timmerman (City Paymaster), salaries of Clerical Force, month March, 1907 ..... | \$2,191 66 |
|---|------------|

|  |             |
|--|-------------|
| 79. J. H. Timmerman (City Paymaster), wages of Sweepers, etc., week ending March 21, 1907..... | \$13,095 19 |
|--|-------------|

|  |             |
|--|-------------|
| 80. J. H. Timmerman (City Paymaster), wages Department Cart-Drivers, etc., week ending March 21, 1907..... | \$12,493 32 |
|--|-------------|

|   |          |
|---|----------|
| 81. J. H. Timmerman (City Paymaster), salary of Automobile Engineer, month March, 1907..... | \$100 00 |
|---|----------|

|                         |            |
|-------------------------|------------|
| 1906 and 1907 Accounts. |            |
| 75. Sundries—           |            |
| 1906 account .....      | \$1,153 25 |

|                    |            |
|--------------------|------------|
| 1907 account ..... | 365 00     |
|                    | \$1,518 25 |

Contracts Executed.

March 23, 1907, New York Sanitary Utilization Company, No. 30 Burling slip, Borough of Manhattan, for the final disposition of garbage in the Borough of Brooklyn, for five years, beginning September 1, 1907, per annum, \$19,444.

Number of loads of material collected during the week ending March 24, 1907 (March 18 to 24, 1907, inclusive):

|                        |        |
|------------------------|--------|
| Ashes .....            | 19,122 |
| Paper and rubbish..... | 2,044  |
| Permit material .....  | 1,088  |

Total .....

DEPARTMENT OF STREET CLEANING.

An abstract of the transactions of the Department of Street Cleaning of The City of New York, for the week ending March 31, 1907 (section 1546, Greater New York Charter).

BOROUGHS OF MANHATTAN AND THE BRONX.

Removal of Incumbrances (Section 545, Greater New York Charter).

|  |  |
| --- | --- |
| Unredeemed incumbrances on hand March 23, 1907..... | 431</ |

| 1906 Account.   |            | \$95 75 |
|---|------------|---------|
| Schedule No. 132—<br>Sundry items   |            |         |
| Number of loads of material collected during the week ending March 31, 1907<br>(March 25 to 31, 1907, inclusive): |            |         |
| Ashes   | 49,191 1/4 |         |
| Paper and rubbish   | 4,430 1/4  |         |
| Garbage   | 3,939 1/2  |         |
| Total.  | 57,561     |         |

## BOROUGH OF BROOKLYN.

|   |         |
|---|---------|
| Moneys transmitted to the City Chamberlain, as follows:               |         |
| For privilege of trimming at incinerators, week ending March 9, 1907  | \$10 00 |
| For privilege of trimming at incinerators, week ending March 16, 1907 | 10 00   |
| For privilege of trimming at incinerators, week ending March 23, 1907 | 10 00   |
| For redemption of incumbrances, week ending March 16, 1907            | 6 00    |
| For redemption of incumbrances, week ending March 23, 1907            | 31 50   |

Bills and payrolls transmitted to Comptroller, as follows:

| Schedule No. 85—<br>Sundry items  | \$350 72  |
|---|-----------|
| Schedule No. 88—<br>Sundry items  | 1,216 73  |
| Schedule No. 91—<br>Sundry items  | 1,985 07  |
| Schedule No. 83—<br>J. H. Timmerman (City Paymaster), salaries of uniformed force, month of March, 1907                     | 7,401 82  |
| Schedule No. 86—<br>J. H. Timmerman (City Paymaster), wages of hired trucks on snow removal, six days ending March 24, 1907 | 2,823 32  |
| Schedule No. 87—<br>J. H. Timmerman (City Paymaster), wages of Laborers on snow, eight days ending March 24, 1907           | 3,256 50  |
| Schedule No. 92—<br>J. H. Timmerman (City Paymaster), wages of Sweepers, etc., week ending March 28, 1907                   | 13,737 41 |
| Schedule No. 93—<br>J. H. Timmerman (City Paymaster), wages of Department Cart Drivers, etc., week ending March 28, 1907    | 13,064 38 |

## 1906 Account.

| Schedule No. 84—<br>Sundry items | \$62 40  |
|----------------------------------|----------|
| Schedule No. 90—<br>Sundry items | 4,297 77 |

## 1906 and 1907 Accounts.

| Schedule No. 89—<br>Sundry items, 1906 account | \$70 00  |
|--|----------|
| Sundry items, 1907 account                     | 35 00    |
|  | \$105 00 |

|   |        |
|---|--------|
| Number of loads of material collected during the week ending March 31, 1907<br>(March 25 to 31, inclusive): |        |
| Ashes   | 17,339 |
| Paper and rubbish   | 2,378  |
| Permit material   | 1,001  |
| Total.  | 20,718 |

M. CRAVEN, Commissioner.

## BOROUGH OF RICHMOND.

## COMMISSIONER OF PUBLIC WORKS.

In accordance with the provisions of section 1546, chapter 466, Laws of 1901, I herewith transmit for publication in the CITY RECORD the following report of the transactions of this office for the week ending March 16, 1907:

## Public Moneys Received During Week.

| Bureau of Highways—   |          |
|---|----------|
| For restoring and repaving pavement (water connections, openings) | \$43 86  |
| For restoring and repaving pavement (sewer connections, openings) | 16 17    |
| For restoring and repaving pavement (general account)             | 36 10    |
| Bureau of Sewers—   |          |
| For sewer permits   | 9 00     |
| Total   | \$105 13 |

## Permits Issued.

| Bureau of Highways—                               |    |
|---|----|
| Permits to open streets to tap water pipes        | 4  |
| Permits to open streets to repair water pipes     | 8  |
| Permits to open streets to make sewer connections | 3  |
| Permits to place building materials on streets    | 2  |
| Permits, special                                  | 14 |
| Bureau of Sewers—                                 |    |
| Permits for new sewer connections                 | 3  |
| Total   | 34 |

## Requisitions Drawn on Comptroller.

| General Administration                 | \$510 75    |
|--|-------------|
| Bureau of Highways                     | 1,437 84    |
| Bureau of Sewers                       | 533 73      |
| Bureau of Street Cleaning              | 12,241 03   |
| Bureau of Public Buildings and Offices | 4,212 53    |
| Bureau of Engineering                  | 1,066 11    |
| Total                                  | \$20,001 99 |

## Work Done.

|  |       |
|--|-------|
| Bureau of Sewers—                          |       |
| Linear feet of sewer cleaned               | 700   |
| Number of basins cleaned                   | 453   |
| Number of basins examined                  | 537   |
| Number of manholes examined                | 302   |
| Number of manholes cleaned                 | 17    |
| Linear feet of culverts examined           | 550   |
| Linear feet of culverts repaired           | 15    |
| Linear feet of culverts and drains cleaned | 1,565 |
| Number of flush tanks examined             | 102   |

|   |         |
|---|---------|
| Bureau of Street Cleaning—                    |         |
| Number of loads of ashes collected            | 614 1/2 |
| Number of loads of street sweepings collected | 216     |
| Number of loads of light refuse collected     | 165 1/2 |
| Number of loads of garbage collected          | 185 1/2 |
| Number of loads of snow collected             | 5,137   |

## Statement of Laboring Force Employed.

Eight hours constitute one working day.

|                       | Bureau of Highways. | Bureau of Sewers. | Bureau of Street Cleaning. | Bureau of Public Buildings and Offices. | Engineer Corps. | Total.    |
|-----------------------|---------------------|-------------------|----------------------------|---|-----------------|-----------|
|                       | No. Days.           | No. Days.         | No. Days.                  | No. Days.                               | No. Days.       | No. Days. |
| Foremen               | 30                  | 210 1/2           | 4                          | 28                                      | 10              | 70        |
| Assistant Foremen     | 5                   | 34                | ..                         | 3                                       | 21              | ..        |
| Laborers              | 39                  | 175 1/2           | 27                         | 158 1/2                                 | 35              | 201 1/4   |
| Laborer (crematory)   | ..                  | ..                | ..                         | 1                                       | 7               | ..        |
| Carts                 | 5                   | 9 1/2             | 2                          | 2                                       | ..              | ..        |
| Carts (garbage, etc.) | ..                  | ..                | ..                         | 8                                       | 48              | ..        |
| Teams                 | 12                  | 38 1/2            | ..                         | ..                                      | ..              | ..        |
| Drivers               | 1                   | 7                 | 2                          | 14                                      | 47              | 312 1/4   |
| Sweepers              | ..                  | ..                | ..                         | 76                                      | 516 1/4         | ..        |
| Janitors              | ..                  | ..                | ..                         | ..                                      | 3               | 21        |
| Janitress             | ..                  | ..                | ..                         | ..                                      | 1               | 7         |
| Female Cleaners       | ..                  | ..                | ..                         | 7                                       | 49              | ..        |
| Mechanics             | ..                  | ..                | ..                         | 2                                       | 14              | ..        |
| Mason's Helper        | ..                  | ..                | ..                         | 1                                       | 6               | ..        |
| Hostlers              | ..                  | ..                | ..                         | 13                                      | 91              | ..        |
| Stokers               | ..                  | ..                | ..                         | 4                                       | 28              | ..        |
| Stationary Engineers  | ..                  | ..                | ..                         | 3                                       | 21              | ..        |
| Steam Roller Engineer | 1                   | 6                 | ..                         | ..                                      | ..              | 1         |
| Auto Enginemen        | 1                   | 7                 | ..                         | 1                                       | 7               | ..        |
| Pavers                | 4                   | 23 1/4            | ..                         | ..                                      | ..              | 4         |
| Sewer Cleaners        | ..                  | ..                | 2                          | 16                                      | ..              | 2         |
| Total                 | 98                  | 511 1/2           | 37                         | 218 1/2                                 | 194             | 1273 1/4  |
|                       | 34                  | 232               | 55                         | 378                                     | 418             | 2613 1/2  |

## Appointments, Removals, etc.

Hugh J. Fay, No. 280 Devoe street, Brooklyn, Stenographer and Typewriter, \$1,200; appointed March 11, 1907; effective March 18, 1907.

J. J. Delaney, No. 105 West One Hundred and Fifth street, New York City, Leveler, \$1,200; promoted March 12, 1907; effective April 1, 1907.

Jos. Frank, No. 515 West One Hundred and Fiftieth street, New York City, Leveler, \$1,200; promoted March 12, 1907; effective April 1, 1907.

R. J. McLaughlin, No. 800 Pelham avenue, New York City, Leveler, \$1,200; promoted March 12, 1907; effective April 1, 1907.

F. X. Martin, No. 436 Lenox avenue, New York City, Transitman, \$1,500; transferred to Borough of Brooklyn March 13, 1907; effective April 1, 1907.

W. L. Corson, Port Richmond, Driver, Street Cleaning Department, \$720; reassigned March 15, 1907.

A. Gribble, West New Brighton, Sweeper, Street Cleaning Department, \$720; reassigned March 15, 1907.

C. Sarlo, West New Brighton, Foreman (construction), \$900; appointed March 14, 1907; effective March 18, 1907.

GEORGE CROMWELL, President of the Borough.

Louis L. Tribus, Acting Commissioner of Public Works.

|   |       |
|---|-------|
| Number of manholes examined.....                | 381   |
| Linear feet of culverts and drains cleaned..... | 1,025 |
| Number of flush tanks examined.....             | 113   |

|  |      |
|--|------|
| Bureau of Street Cleaning—                         |      |
| Number of loads of ashes collected.....            | 616  |
| Number of loads of street sweepings collected..... | 794½ |
| Number of loads of light refuse collected.....     | 170  |
| Number of loads of garbage collected.....          | 187  |
| Number of loads of snow collected.....             | 352  |

## Statement of Laboring Force Employed.

Eight hours constitute one working day.

|                                  | Bureau of Highways. | Bureau of Sewers. | Bureau of Street Cleaning. | Bureau of Public Buildings and Offices. | Engineer Corps. | Total.    |
|----------------------------------|---------------------|-------------------|----------------------------|---|-----------------|-----------|
|                                  | No. Days.           | No. Days.         | No. Days.                  | No. Days.                               | No. Days.       | No. Days. |
| Foremen .....                    | 29                  | 210½              | 4                          | 28                                      | 10              | 70        |
| Assistant Foremen...             | 5                   | 35                | ..                         | ..                                      | 3               | 21        |
| Laborers .....                   | 39                  | 221½              | 28                         | 158½                                    | 33              | 189       |
| Laborer (crematory). .           | ..                  | ..                | ..                         | 1                                       | 7               | ..        |
| Carts .....                      | 9                   | 42½               | 2                          | 6½                                      | ..              | ..        |
| Carts (garbage, etc.) ..         | ..                  | ..                | ..                         | 8                                       | 48              | ..        |
| Teams .....                      | 17                  | 64                | ..                         | ..                                      | ..              | ..        |
| Drivers .....                    | 1                   | 7                 | 2                          | 14                                      | 47              | 318½      |
| Sweepers .....                   | ..                  | ..                | ..                         | 76                                      | 525½            | ..        |
| Janitors .....                   | ..                  | ..                | ..                         | ..                                      | 3               | 21        |
| Janitress .....                  | ..                  | ..                | ..                         | ..                                      | 1               | 7         |
| Female Cleaners...               | ..                  | ..                | ..                         | ..                                      | 7               | 49        |
| Mechanics .....                  | ..                  | ..                | ..                         | ..                                      | 2               | 14        |
| Mason's Helper...                | ..                  | ..                | ..                         | ..                                      | 1               | 6         |
| Hostlers .....                   | ..                  | ..                | ..                         | 13                                      | 91              | ..        |
| Stokers .....                    | ..                  | ..                | ..                         | ..                                      | 4               | 28        |
| Stationary Engine- men .....     | ..                  | ..                | ..                         | ..                                      | 3               | 21        |
| Steam Roller En- gineermen ..... | 1                   | 6½                | ..                         | ..                                      | ..              | ..        |
| Auto Enginemen...                | 1                   | 7                 | ..                         | 1                                       | 7               | ..        |
| Sewer Cleaners...                | ..                  | ..                | 2                          | 14                                      | ..              | ..        |
| Pavers .....                     | 4                   | 31½               | ..                         | ..                                      | ..              | ..        |
| Total.....                       | 106                 | 624½              | 38                         | 220½                                    | 192             | 1276½     |
|                                  |                     |                   |                            |   |                 | 34        |
|                                  |                     |                   |                            |   |                 | 232       |
|                                  |                     |                   |                            |   |                 | 56        |
|                                  |                     |                   |                            |   |                 | 378       |
|                                  |                     |                   |                            |   |                 | 426       |
|                                  |                     |                   |                            |   |                 | 273½      |

Total..... 106 624½ 38 220½ 192 1276½ 34 232 56 378 426 273½

## Appointments, Removals, etc.

Fred'k Einfeldt, No. 533 Bergen street, Brooklyn, Stenographer and Typewriter, \$1,260; transferred to Bureau of Engineering March 18 from President of Borough; effective April 1, 1907.

Wm. N. Grant, Princes Bay, Foreman, Public Buildings and Offices, \$1,200; change in rate March 18, 1907; effective April 1, 1907.

Geo. Crawford, West New Brighton, Laborer, Street Cleaning Department, \$720; died March 20, 1907.

A. E. Johnson, Tottenville, Foreman, Public Buildings and Offices, \$1,200; change of title and increase March 20, 1907; effective April 1, 1907.

E. T. Johnson, No. 689 East One Hundred and Forty-second street, New York City, Axeman, \$720; appointed March 20, 1907; effective March 25, 1907.

W. T. Mishe, No. 2168 Washington avenue, New York City, Axeman, \$720; appointed March 20, 1907; effective March 25, 1907.

T. J. Judge, No. 669 East One Hundred and Fifty-seventh street, New York City, Axeman, \$720; appointed March 20, 1907; effective March 25, 1907.

One Laborer, Highways, \$2; transferred to Street Cleaning Department March 20, 1907; effective March 25, 1907.

Wm. Berliner, New York City, Topographical Draughtsman (temporary), \$1,200; resigned March 15, 1907.

H. F. Decker, New Springville, Foreman, \$1,050; change of title and rate March 21, 1907; effective April 1, 1907.

Wm. Nugent, New Dorp, Inspector of Regulating and Grading, \$1,000; appointed March 21, 1907; effective March 25, 1907.

W. Murray, West New Brighton, Inspector of Regulating and Grading, \$1,000; appointed March 21, 1907; effective March 25, 1907.

F. Mullins, West New Brighton, Inspector of Regulating and Grading, \$1,000; appointed March 21, 1907; effective March 25, 1907.

A. Winant, Port Richmond, Inspector of Regulating and Grading, \$1,000; appointed March 21, 1907; effective March 25, 1907.

A. Esselhorn, Rossville, Inspector of Regulating and Grading, \$1,000; appointed March 21, 1907; effective March 25, 1907.

F. Leggett, Princes Bay, Inspector of Regulating and Grading, \$1,000; appointed March 21, 1907; effective March 25, 1907.

J. D. Kohlmann, Jr., Stapleton, Foreman, \$900; change in rate March 22, 1907; effective April 1, 1907.

M. Gardner, New Brighton, Clerk, \$1,500; increase March 22, 1907; effective April 1, 1907.

P. Gordon, Aucan, Panama, Topographical Draughtsman, \$1,200; appointed March 23, 1907; effective April 22, 1907.

E. Rooney, Rosebank, Sweeper, \$720; preferred eligible list March 23, 1907.

P. Cusick, Rosebank, Laborer, Sewers, \$2; died March 23, 1907.

GEORGE CROMWELL, President of the Borough.

Louis L. Tribus, Acting Commissioner of Public Works.

## BOROUGH OF BROOKLYN.

## REPORT OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN FOR THE WEEK ENDING APRIL 6, 1907.

## BUREAU OF PUBLIC BUILDINGS AND OFFICES.

During the week ending April 6, 1907, one hundred and forty-three orders were issued by the Bureau of Public Buildings and Offices, one hundred and thirty-five for supplies and eight for repairs.

Bills aggregating \$905.38 were forwarded to the Department of Finance for audit and payment.

## BUREAU OF INCUMBRANCES AND PERMITS.

## Complaint Department.

|                           |   |
|---------------------------|---|
| Bureau of Complaints..... | 3 |
| Mail .....                | 4 |
| Office .....              | 4 |

|                         |    |
|-------------------------|----|
| Inspectors .....        | 30 |
| Police Department ..... | 3  |
| Total .....             | 31 |

|                                    |    |
|------------------------------------|----|
| Classification and Disposal.       |    |
| Slot machine removed.....          | 1  |
| Show cases removed.....            | 19 |
| Boulders removed .....             | 10 |
| Push carts and wagons removed..... | 8  |
| Miscellaneous removed .....        | 2  |

|             |    |
|-------------|----|
| Total ..... | 40 |
|-------------|----|

|                          |    |
|--------------------------|----|
| Inspectors' Department.  |    |
| Complaints made .....    | 30 |
| Complaints settled ..... | 53 |
| Slips settled .....      | 76 |

|                          |     |
|--------------------------|-----|
| Permit Department.       |     |
| Permits Issued—          |     |
| Builders .....           | 78  |
| Cross walks .....        | 72  |
| Vault .....              | 1   |
| Vault repairs .....      | 9   |
| Cement walks .....       | 58  |
| Flagging walks .....     | 2   |
| Driveways .....          | 5   |
| Gas companies .....      | 217 |
| Electric companies ..... | 232 |
| Railroad companies ..... | 22  |
| Special .....            | 160 |
| Total .....              | 856 |

|                               |     |
|-------------------------------|-----|
| Permits Passed—               |     |
| Tap water pipes.....          | 195 |
| Repair water connections..... | 76  |
| Sewer connections .....       | 135 |
| Sewer connection repairs..... | 30  |
| Total .....                   | 446 |

|                                      |            |
|--------------------------------------|------------|
| Cashier's Department.                |            |
| Moneys Received—                     |            |
| Repaving over water connections..... | \$858 00   |
| Repaving over sewer connections..... | 482 00     |
| Extra paving .....                   | 11 79      |
| Vaults .....                         | 33 00      |
| Total .....                          | \$1,384 79 |

## BUREAU OF SEWERS.

|  |            |
|--|------------|
| Moneys received for sewer permits..... | \$2,091 40 |
|--|------------|

|  |     |
|--|-----|
| Number of Permits Issued (211)—          |     |
| For new sewer connections.....           | 185 |
| For old sewer connections (repairs)..... | 26  |

|  |      |
|--|------|
| Requisitions Drawn on Comptroller (2)— | </td |
|--|------|

## Work Done by Connection Gangs.

|  |     |
|--|-----|
| Water and sewer connections repaired.....        | 57  |
| Gas and electric light connections repaired..... | 98  |
| Dangerous holes repaired and made safe.....      | 167 |
| Complaints received.....                         | 157 |
| Defects remedied.....                            | 88  |

## Work Done by Repair Gangs.

|   |     |
|---|-----|
| Willoughby street, between Adams and Duffield streets, granite..... | 27  |
| Square yards by Connection Gangs.....                               | 756 |
| Total.....  | 783 |

## Miscellaneous Work Done—

|   |     |
|---|-----|
| Repairs to sprinklers and steam rollers at Sixty-seventh Street Yard.   |     |
| Built 73 feet of fence at Sixty-seventh Street Yard.  |     |
| Built 156 feet of wooden curb at Elm and Liberty streets.   |     |
| Used 27 loads of fill in bringing sidewalk to grade on Fifteenth avenue, between Benson avenue and Eighty-sixth street, and put in 18 linear feet of box drain across sidewalk. |     |
| Used 75 cubic yards of ashes in making crosswalks on Twelfth avenue at intersection between Forty-first and Forty-seventh streets.  |     |
| Built 145 linear feet of guard rail fence at Sixty-fifth street and Second avenue.  |     |
| Cleaned two cesspools at Elm and Liberty streets.   |     |
| Seventeen loads of rubbish, etc., removed from same.  |     |
| Sidewalks raised and repaired for 250 linear feet at Elm and Liberty streets.   |     |
| Ninety-five cubic yards of dirt filling used in making safe dangerous holes.  |     |
| Sidewalks cleaned, 4,250 linear feet.   |     |
| Total number of square yards of pavement repaired.....  | 783 |
| Linear feet of gutter reset.....  | 157 |
| Square feet of bridging relaid.....   | 252 |
| Square feet of flagging relaid.....   | 345 |
| Square feet of cement walks.....  | 880 |

## Force Employed on Macadam and Unimproved Roadways.

|                        |    |
|------------------------|----|
| Foremen.....           | 8  |
| Mechanics.....         | 3  |
| Laborers.....          | 50 |
| Horses and wagons..... | 4  |
| Teams.....             | 4  |
| Sprinklers.....        | 3  |
| Horses and carts.....  | 2  |

|   |        |
|---|--------|
| Macadam roadway cleaned, linear feet.....           | 1,250  |
| Dirt roadway repaired and cleaned, linear feet..... | 2,975  |
| Gutter cleaned, linear feet.....                    | 10,425 |

## Operations of the Bureau of Buildings, Borough of Brooklyn, for the Week Ending April 6, 1907.

|   |     |
|---|-----|
| Plans filed for new buildings, brick (estimated cost, \$1,774,200)..... | 188 |
| Plans filed for new buildings, frame (estimated cost, \$275,975).....   | 74  |
| Plans filed for alterations (estimated cost, \$82,977).....             | 112 |
| Building slip permits issued (estimated cost, \$3,230).....             | 48  |
| Bay window permits issued (estimated cost, \$31,270).....               | 60  |
| Unsafe cases filed.....   | 6   |
| Violation cases filed.....  | 42  |
| Fire-escape case filed.....   | 1   |
| Unsafe notices issued.....  | 6   |
| Violation notices issued.....   | 42  |
| Fire-escape notice issued.....  | 1   |
| Violation cases referred to Counsel.....                                | 7   |

## Operations of the Bureau of Buildings, Borough of Brooklyn, for the Week Ending April 7, 1906.

|   |     |
|---|-----|
| Plans filed for new buildings, brick (estimated cost, \$78,000).....  | 95  |
| Plans filed for new buildings, frame (estimated cost, \$254,827)..... | 71  |
| Plans filed for alterations (estimated cost, \$180,795).....          | 117 |

DESMOND DUNNE, Acting Borough President.

## EXECUTIVE DEPARTMENT.

Pursuant to statutory requirement, notice is hereby given that an act, Senate 964, Int. No. 786, has been passed by both branches of the Legislature, entitled:

An Act to authorize the board of estimate and apportionment of the city of New

York in its discretion to examine, audit and allow the balance of certain claims for reimbursement and compensation for expenditures made because of damages alleged to have been suffered by reason of the changes made in the grades of certain streets, pursuant to a resolution of the board of aldermen, remaining unpaid after the payment of the part of said claims authorized to be allowed by chapter five hundred and ninety-nine of the laws of nineteen hundred and six.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in The City of New York on Monday, April 29, 1907, at 11 o'clock a. m.

Dated City Hall, New York, April 25, 1907.

GEORGE B. McCLELLAN,

Mayor.

This bill will be the first heard at that time.

Pursuant to statutory requirement, notice is hereby given that an act, Senate 659, Int. No. 570, has been passed by both branches of the Legislature, entitled:

An Act to amend the Greater New York charter, relative to the art commission.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in The City of New York on Monday, April 29, 1907, at 11 o'clock a. m.

Dated City Hall, New York, April 25, 1907.

GEORGE B. McCLELLAN,

Mayor.

This bill will be the second heard at that time.

Pursuant to statutory requirement, notice is hereby given that an act, Assembly 1407, Int. No. 922, has been passed by both branches of the Legislature, entitled:

An Act to amend chapter seven hundred and twenty-four of the laws of nineteen

Pursuant to statutory requirement, notice is hereby given that an act, Senate 154, Sen. rep. 1268, Int. No. 154, has been passed by both branches of the Legislature, entitled:

An Act to amend chapter five hundred and eighty of the laws of nineteen hundred and two, entitled "An act in relation to the municipal court of the city of New York, its officers and marshals," relating to actions by wage earners.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in The City of New York on Monday, April 29, 1907, at 11 o'clock a. m.

Dated City Hall, New York, April 25, 1907.

GEORGE B. McCLELLAN,

Mayor.

This bill will be the third heard at that time.

Pursuant to statutory requirement, notice is hereby given that an act, Assembly 154, Sen. rep. 1268, Int. No. 154, has been passed by both branches of the Legislature, entitled:

An Act to amend chapter five hundred and eighty of the laws of nineteen hundred and two, entitled "An act in relation to the municipal court of the city of New York, its officers and marshals," relating to actions by wage earners.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in The City of New York on Monday, April 29, 1907, at 11 o'clock a. m.

Dated City Hall, New York, April 25, 1907.

GEORGE B. McCLELLAN,

Mayor.

This bill will be the fourth heard at that time.

Pursuant to statutory requirement, notice is hereby given that an act, Assembly 1407, Int. No. 922, has been passed by both branches of the Legislature, entitled:

An Act to amend chapter seven hundred and twenty-four of the laws of nineteen

hundred and five, entitled "An act to provide for an additional supply of pure and wholesome water for the city of New York; and for the acquisition of lands or interest therein, and for the construction of the necessary reservoirs, dams, aqueducts, filters and other appurtenances for that purpose; and for the appointment of a commission with the powers and duties necessary and proper to attain these objects," in relation to clerks, stenographers, surveyors and other employees to commissioners.

Further notice is hereby given that a public hearing upon such bill will be held at the Mayor's office in the City Hall in The City of New York on Monday, April 29, 1907, at 11 o'clock a. m.

Dated City Hall, New York, April 25, 1907.

GEORGE B. McCLELLAN,

Mayor.

This bill will be the fifth heard at that time.

## CHANGES IN DEPARTMENTS, ETC.

## PRESIDENT OF THE BOROUGH OF BROOKLYN.

April 24—Changes in the several bureaus under the jurisdiction of the President of the Borough of Brooklyn for the week ending the 18th inst., as follows:

## Bureau of Highways.

The following named Foremen of Laborers, Pavers, Flaggers, Rammers and Laborers were appointed on the 6th inst.:

## Foremen, at \$4 Per Day.

Bernard F. Shevlin, No. 38 Woodbine street.

Michael Hardy, No. 779 Flatbush avenue.

E. D. Buckman, No. 875a Greene avenue.

Henry Schwartz, No. 1412 Gates avenue.

Thos. F. Gavin, No. 117 Kingsland avenue.

Wm. McGarry, No. 286 Columbia street.

Wm. Boyle, No. 188 Wallabout street.

## Pavers, at \$4.96 Per Day.

Michael Connelly, No. 506 Graham avenue.

Cornelius Bohen, No. 540 Prospect place.

James Cassidy, No. 931 Gates avenue.

Peter O'Brien, No. 294 Prospect avenue.

Patrick Gerrity, No. 196 Centre street.

Dennis Clabby, No. 1503 Dean street.

Wm. Ryan, No. 304 Forty-seventh street.

Thos. Cassidy, No. 685 Classon avenue.

Bernard O'Rourke, No. 524 Sterling place.

Thos. P. Daley, No. 174 Fifth avenue.

John Carroll, No. 68 Bergen street.

Henry McCloskey, No. 580 Gates avenue.

John Keenan, No. 1336 Prospect place.

Maurice Mullin, No. 459 Madison street.

Michael Shannon, No. 346 Forty-second street.

Henry Mullin, No. 564 Lexington avenue.

John Cunningham, No. 334 Flushing avenue.

Gottfried Weil, No. 576 Central avenue.

Bernard Doran, No. 568 Driggs avenue.

David Barry, Jr., No. 163 Thirty-fourth street.

James Jordan, No. 73 Taaffe place.

## Flaggers, at \$4.50 Per Day.

Daniel J. Meaney, No. 19 Sycamore street.

Erhard Kramer, No. 18 Gratton street.

Thos. Doyle, No. 201 Myrtle avenue.

Geo. Kinney, No. 69 Prince street.

## Rammers, at \$3.84 Per Day.

James Feeley, No. 685 Union street.

Hubert Francois, No. 150 George street.

Chas. Breslin, No. 160 Classon avenue.

Michael Sullivan, No. 143 Skillman avenue.

Patrick York, No. 686 Bergen street.

John Marnell, No. 53 Kosciusko street.

ness, to Thos. Martin, No. 711 Fulton street, Laborer, to date from April 1. On April 13 a leave of absence for six months, without pay, to date from April 11, was granted to W. L. Tremper, No. 257 Rugby road, Brooklyn, Transitman in the Bureau of Sewers. This action was afterwards rescinded on April 19 upon notification from the Municipal Civil Service Commission that the reasons stated by Mr. Tremper in support of his request for leave of absence were not satisfactory to the Commission.

## Bureau of Sewers.

Fixed the salary of Bryan Gillen, No. 195 Clifton place, Laborer, at \$2.25 per day, to date from April 9.

Transferred James F. Halen, No. 674½ Sixth avenue, from Laborer to Driver, at a compensation of \$2.50 per day, to date from April 15.

Anthony McGourty, No. 328 Chauncey street, Stoker, deceased April 12.

Appointed Sidney P. DeLemos, No. 310 West One Hundred and Fifty-first street, Manhattan, Draughtsman's Helper, at a compensation of \$1,050 per annum, to date from April 15.

Appointed the following named Inspectors of Sewer Construction, at a compensation of \$4 per day each, all effective April 8:

Chas. H. Babcock, No. 63 West One Hundred and Thirty-first street, Manhattan.

John O'Connell, No. 119½ Second place, Brooklyn.

Jas. A. Bagley, Jr., No. 688 East One Hundred and Eighty-sixth street, The Bronx.

John J. McGarity, No. 967 East One Hundred and Eighty-fourth street, The Bronx.

Frederick Muller, No. 425 Amsterdam avenue, Manhattan.

Harry T. Duggan, No. 2178 Eighth avenue, Manhattan.

Jas. R. Hewitt, No. 200 West One Hundred and Twenty-fourth street, Manhattan.

Michael T. J. King, No. 817 Herkimer street, Brooklyn.

Joseph E. McGowan, No. 322 Barnes avenue, Van Nest, The Bronx.

Transferred Emil I. Olsen, No. 231 Conover street, Brooklyn, Rodman, from the Board of Water Supply, at a compensation of \$1,200 per annum, to date from May 1.

## BELLEVUE AND ALLIED HOSPITALS.

April 17—Resignations and Dismissals, Bellevue Hospital, Week Ending April 13, 1907.

April 7, Lizzie Johnson, Hospital Helper, \$180, absence.

April 7, Michael R. Lee, Hospital Helper, \$240, absence.

April 7, Lily Curtis, Hospital Helper, \$180, absence.

April 7, Laura Dillon, Hospital Helper, \$180, resigned.

April 7, Kate Deary, Hospital Helper, \$180, absence.

April 7, Michael McMahon, Hospital Helper, \$240, resigned.

April 7, Daniel Scully, Hospital Helper, \$240, resigned.

April 8, Emma Gallagher, Hospital Helper, \$180, absence.

April 8, John Ryan, Hospital Helper, \$240, resigned.

April 6, Mary Conklin, Hospital Helper, \$180, absence.

April 8, Rose Sinnott, Hospital Helper, \$180, resigned.

April 8, Theodore Kuntz, Hospital Helper, \$240, resigned.

April 8, Nellie Warren, Hospital Helper, \$180, absence.

April 9, Annie Higgins, Hospital Helper, \$240, unsuitable.

April 9, Oliver Hughes, Pupil Nurse, \$120, finished course.

April 9, Mary Hannon, Hospital Helper, \$180, unsatisfactory.

April 9, May Fair, Hospital Helper, \$180, illness.

March 31, Frederick Chevalier, Hospital Helper, \$240, resigned.

March 31, William Garvey, Hospital Helper, \$240, resigned.

April 10, Kate Stevens, Hospital Helper, \$180, intoxication.

April 10, Mary O'Rourke, Hospital Helper, \$180, absence.

April 10, Julia Quinn, Hospital Helper, \$180, intoxication.

April 10, Maggie McGloin, Hospital Helper, \$180, absence.

April 10, Edward Horan, Hospital Helper, \$240, resigned.

April 11, Oliver W. Cawley, Hospital Helper, \$240, resigned.

April 11, Lena Buney, Hospital Helper, \$180, illness.

April 11, William Barden, Hospital Helper, \$240, resigned.

April 11, Edward Flaherty, Hospital Helper, \$240, illness.

April 12, Gussie Wright, Hospital Helper, \$180, unsatisfactory.

April 12, Arthur Sullivan, Hospital Helper, \$240, resigned.

April 13, Eric Peterson, Hospital Helper, \$240, unsatisfactory.

April 13, Minnie Scheer, Hospital Helper, \$180, absence.

April 13, James Reagan, Hospital Helper, \$240, resigned.

Appointments, Bellevue Hospital, Week Ending April 13, 1907.

March 27, Edward R. Kries, Pupil Nurse, \$120.

April 1, John Besenbacher, Hospital Helper, \$240.

April 1, Anna Phinnie, Cook, \$300.

April 3, William O'Connell, Hospital Helper, \$240.

April 7, Daniel Ferrie, Hospital Helper, \$240.

April 8, Rose Sinnott, Hospital Helper, \$180.

April 8, William Morganson, Hospital Helper, \$240.

April 8, Mary Lennon, Hospital Helper, \$180.

April 8, Lizzie Sullivan, Hospital Helper, \$180.

April 8, Mary Malone, Hospital Helper, \$180.

April 9, Edward Seifert, Hospital Helper, \$240.

April 9, Thomas J. Kelly, Hospital Helper, \$240.

April 9, Charles Berry, Hospital Helper, \$240.

April 9, Margaret Graham, Hospital Helper, \$180.

April 9, Fanny Vorscher, Hospital Helper, \$180.

April 9, Lizzie Gaffney, Hospital Helper, \$180.

April 9, John Lynch, Hospital Helper, \$240.

April 9, Delia Logan, Hospital Helper, \$180.

April 9, Louise Grady, Hospital Helper, \$180.

April 9, Catherine Kenny, Hospital Helper, \$180.

April 9, John McCarthy, Hospital Helper, \$240.

April 10, Catherine Fitzgerald, Hospital Helper, \$180.

April 11, Della Ward, Hospital Helper, \$180.

April 11, Cornelius McGinnis, Hospital Helper, \$240.

April 11, Nellie Carroll, Hospital Helper, \$180.

April 11, Harry C. Rolfs, Hospital Helper, \$240.

April 11, Annie Bennett, Hospital Helper, \$180.

April 11, Annie Wilson, Hospital Helper, \$180.

April 11, Kate Hogan (No. 2), Hospital Helper, \$180.

April 11, Margaret Sheehan, Hospital Helper, \$180.

April 11, Susie Patterson, Hospital Helper, \$180.

April 12, Mary Hogan, Hospital Helper, \$180.

April 12, Regina Schulman, Hospital Helper, \$180.

April 12, John Cleary, Hospital Helper, \$240.

April 13, Joseph Valquette, Hospital Helper, \$240.

April 13, Amelia McDonald, Hospital Helper, \$180.

DEPARTMENT OF DOCKS AND FERRIES.

April 24—The Commissioner has transferred James Harrigan from the position of Carpenter to that of Foreman Carpenter, with compensation at the rate of 62½ cents per hour while employed, to take effect Saturday, April 27, 1907.

April 23—The Commissioner has transferred Thomas G. Burke from the position of Water Tender to that of Oiler, with compensation at the rate of \$95 per month, to take effect May 1, 1907.

The Commissioner has transferred Edward J. Collins from the position of Ship Carpenter to that of Carpenter, with compensation at the rate of 60 cents per hour, to take effect April 27, 1907.

The Commissioner has fixed the wages of Pavers at the rate of 62 cents per hour, to begin April 27, 1907.

The Commissioner has ordered the following persons dropped from the list of employees, they having on account of illness or of their own accord failed to appear upon the payrolls with time in the past 30 days:

George Bird, Dock Laborer.

Arthur Lavery, Dock Laborer.

James Mahoney, Dock Laborer.

John McBride, Dock Laborer.

Daniel J. Murphy, Dock Laborer.

Michael O'Toole, Dock Laborer.

John Peloso, Dock Laborer.

Thomas Redmond, Dockbuilder.

Charles E. Beck, Scowman.

Andrew S. Dickson, Plumber.

Timothy Madigan, Dock Laborer.

John O'Hare, Dock Laborer.

The Commissioner has fixed the wages of Robert Nelson, Samuel W. Van Nostrand and George Kimball, Financial Clerks, at the rate of \$80 per month, to take effect May 1, 1907, subject to approval by Municipal Civil Service Commission, if such approval be necessary.

## DEPARTMENT OF BRIDGES.

April 23—Thomas J. Nolan, No. 1618 Eighth avenue, Brooklyn, is transferred from the position of Bridge Painter to that of Foreman Painter, and his compensation fixed at \$1,500 per annum, to date from April 21, 1907.

April 24—In pursuance of a peremptory writ of mandamus issued by Mr. Justice Leventritt on April 6, 1907, Henry A. La Chicotte of No. 1199 Dean street, Brooklyn, is reinstated in the Department of Bridges as a Principal Assistant Engineer. By advice of the Corporation Counsel, Mr. La Chicotte is paid at the rate of \$4,500 per annum.

The following named men are appointed as Bridge Painters and their compensation fixed at 50 cents per hour:

John J. Moffatt, No. 586 Grand street, Manhattan.

Francis S. McDonald, No. 977 Dean street, Brooklyn.

Peter Hammersmith, Jr., No. 169 Avenue C, Brooklyn.

Joseph Spode, No. 275 Myrtle avenue, Brooklyn.

Florence S. O'Connor, No. 596 Metropolitan avenue, Brooklyn.

Jacob J. Andersen, No. 175 Twenty-third street, Brooklyn.

Victor Koenig, No. 11 St. Mark's place, Manhattan.

Jas. J. Nicholson, No. 179 Bedford avenue, Brooklyn.

Michael O'Connell, No. 151 Baltic street, Brooklyn.

Birger Burgge, No. 361 Ninetieth street, Brooklyn.

Daniel Brophy, No. 271 Central avenue, Brooklyn.

Albert Dayton, No. 703 East One Hundred and Thirty-fourth street, The Bronx.

Martin Conley, No. 265 Twenty-third street, Brooklyn.

John McSheffery, No. 440 Wythe avenue, Brooklyn.

April 25—Edward J. O'Neill of No. 347 West Sixteenth street, Manhattan, is transferred from the position of Stoker to that of Oiler, without change of compensation, said transfer to become effective on the 28th inst.

April 20—Alex. C. Codet, Jr., No. 250 Cumberland street, Brooklyn, in conformity with certificate of the Municipal Civil Service Commission, bearing date of April 6, 1907, is appointed as an Inspector of Steel at a compensation of \$1,650 per annum.

## BOARD OF WATER SUPPLY.

April 24—The Board has made the following appointments:

W. S. Peacock, Islip, N. Y., Gage Keeper, \$5 per month, April 17.

Charles G. Hallock, West Somers, N. Y., Laborer, \$2 per day, April 15.

## DEPARTMENT OF PARKS.

Borough of The Bronx.

April 23—Appointment of Patrick Cochran, No. 1982 Belmont avenue, Driver, with wagon and team, at a compensation at the rate of \$4.50 per diem, to take effect April 24.

## BOARD OF EDUCATION.

April 24—Death of John W. West, Attendance Officer, which occurred on April 21, 1907.

## CORPORATION COUNSEL.

April 24—Promoted Loring T. Hildreth, a Junior Assistant, and his salary increased from \$1,200 to \$1,500 per annum, to take effect on April 16, 1907.

## BOARD OF ESTIMATE AND APPORTIONMENT.

April 23—In pursuance of a resolution of the Board of Estimate and Apportionment, adopted April 19, 1907, Alexander E. Anderson has been appointed Office Boy in the office of the Chief Engineer of the Board of Estimate and Apportionment, at a salary of \$300 per annum, to take effect April 24, 1907.

Harry P. Nichols, Engineer in charge Division of Franchises, No. 280 Broadway, Room 79. Telephone, 3414 Worth.

#### BOARD OF EXAMINERS.

Rooms 6027 and 6028 Metropolitan Building, No. 1 Madison avenue, Borough of Manhattan, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 5840 Gramercy.

Warren A. Conover, Charles Buek, Lewis Hard- ing, Charlie G. Smith, Edward F. Croker, Henry R. Marshall and William J. Fryer, Chairman.

Edward V. Barton, Clerk.

Board meeting every Tuesday at 2 p. m.

#### BOARD OF RAPID TRANSIT RAIL-ROAD COMMISSIONERS.

Board of Rapid Transit Railroad Commissioners, No. 320 Broadway, New York. Bion L. Burrows, Secretary. Telephone, 3625 Worth.

#### BOARD OF REVISION OF ASSESS-MENTS.

Herman A. Metz, Comptroller. William B. Ellison, Corporation Counsel. Lawson Purdy, President of the Department of Taxes and Assessments. Henry J. Storrs, Chief Clerk, Finance Department, No. 280 Broadway. Telephone, 6120 Franklin.

#### BOARD OF WATER SUPPLY.

Office, No. 299 Broadway. J. Edward Simmons, Charles N. Chadwick, Charles A. Shaw, Commissioners. Thomas Hassett, Secretary. J. Waldo Smith, Chief Engineer.

#### COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115 Stewart Building, 280 Broad- way, 9 a. m. to 4 p. m.

Telephone, 4315 Worth.

John C. Hertle, George von Skal, Commissioners.

#### CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS. Office of the Commission, Room 138, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City. Commissioners—William E. Stillings, George C. Norton, Oscar S. Bailey. Lamont McLoughlin, Clerk. Regular advertised meetings on Monday, Wednesday and Friday of each week at 2 o'clock p. m.

#### CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11, 12; 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m. Telephone, 7560 Cortlandt. P. J. Scully, City Clerk and Clerk of the Board of Aldermen. Joseph F. Prendergast, First Deputy City Clerk. Michael F. Blake, Chief Clerk of the Board of Aldermen. Joseph V. Sculley, Clerk, Borough of Brooklyn. Thomas J. McCabe, Deputy City Clerk, Borough of the Bronx. William R. Zimmerman, Deputy City Clerk, Borough of Queens. Joseph F. O'Grady, Deputy City Clerk, Borough of Richmond.

#### CITY RECORD OFFICE.

BUREAU OF PRINTING, STATIONERY AND BLANK BOOKS. Supervisor's Office, Park Row Building, No. 21 Park Row. Entrance, Room 807, 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m. Telephone, 1505 and 1506 Cortlandt. Supply Room, No. 2 City Hall. Patrick J. Tracy, Supervisor; Henry McMillen, Deputy Supervisor; C. McKemie, Secretary.

#### COMMISSIONER OF LICENSES.

Office, No. 277 Broadway. John N. Bogart, Commissioner. James P. Archibald, Deputy Commissioner. John J. Caldwell, Secretary. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 2828 Worth.

#### COMMISSIONERS OF SINKING FUND.

George B. McClellan, Mayor, Chairman; Herman A. Metz, Comptroller; Patrick Keenan, Chamberlain; Patrick F. McGowan, President of the Board of Aldermen, and John R. Davies, Chairman Finance Committee, Board of Aldermen, Members; N. Taylor Phillips, Deputy Comptroller, Secretary. Office of Secretary, Room 12, Stewart Building. Telephone, 6120 Franklin.

#### DEPARTMENT OF BRIDGES.

Nos. 1321 Park Row. James W. Stevenson, Commissioner. John H. Little, Deputy Commissioner. Edgar E. Schif, Secretary. Office hours, 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m. Telephone, 6080 Cortlandt.

#### DEPARTMENT OF CORRECTION.

CENTRAL OFFICE. No. 148 East Twentieth street. Office hours from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 1047 Gramercy. John V. Cogey, Commissioner. George W. Meyer, Deputy Commissioner. John B. Fitzgerald, Secretary.

#### DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place. Telephone, 300 Rector. John A. Bensel, Commissioner. Denis A. Judge, Deputy Commissioner. Joseph W. Savage, Secretary. Office hours, 9 a. m. to 4 p. m.; Saturdays, 12 m.

#### DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION. Park avenue and Fifty-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m. (in the month of August, 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m. Telephone, 1120 Plaza. Richard H. Adams, Richard B. Aldcroft, Jr.; Grosvenor H. Backus, Nicholas J. Barrett, John J.

Barry, Joseph E. Cosgrove, Francis P. Cunnion, Thomas M. DeLaney, Samuel B. Donnelly, Horace E. Dresser, A. Leo Everett, Joseph Nicola Francolini, George Freifeld, John Greene, George J. Gillespie, Randolph Guggenheim, George D. Hamlin, M. D.; Robert L. Harrison, Louis Haupt, M. D.; Thomas J. Higgins, Arthur Hollick, Charles H. Ingalls, Nathan S. Jonas, Hugo Kanzler, John C. Kelley, Alrick H. Man, Clement March, Mitchell May, Dennis J. McDonald, M. D.; Thomas J. O'Donohue, Frank H. Partridge, George E. Payne, Fred Lyon Polk, George W. Schaeidle, Henry H. Sherman, Abraham Stern, M. Samuel Stern, Cornelius J. Sullivan, Rupert B. Thomas, John R. Thompson, George A. Vandenhoff, John A. Wilbur, William N. Wilmer, Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board.

Egerton L. Winthrop, Jr., President.

John Greene, Vice-President.

A. Emerson Palmer, Secretary.

Fred H. Johnson, Assistant Secretary.

C. B. J. Snyder, Superintendent of School Build- ings.

Patrick Jones, Superintendent of School Supplies.

Henry R. M. Cook, Auditor.

Thomas A. Dillon, Chief Clerk.

Henry M. Leipzig, Supervisor of Lectures.

Claude G. Leland, Superintendent of Libraries.

Henry M. Devoe, Supervisor of Janitors.

#### BOARD OF SUPERINTENDENTS.

William H. Maxwell, City Superintendent of Schools, and George S. Davis, Andrew W. Edson, Clarence E. Meleny, Thomas S. O'Brien, Edward B. Shallow, Edward L. Stevens, Gustave Straub- müller, John H. Walsh, Associate City Superintendents.

#### DISTRICT SUPERINTENDENTS.

Darwin L. Bardwell, William A. Campbell, John J. Chickerin, John W. Davis, John Dwyer, James M. Edsall, Matthew J. Elgas, Edward D. Farrell, Cornelius D. Franklin, John Griffin, M. D.; John H. Haaren, John L. N. Hunt, Henry W. Jameson, James Lee, Charles W. Lyon, James J. McCabe, William J. O'Shea, Julia Richman, Alfred T. Schaufier, Albert Shiels, Edgar Dubs Shimer, Seth T. Stewart, Edward W. Stitt, Grace C. Strachan, Joseph S. Taylor, Evangeline E. Whitney.

#### BOARD OF EXAMINERS.

William H. Maxwell, City Superintendent of Schools, and James C. Byrnes, Walter L. Hervey, Jerome A. O'Connell, George J. Smith, Examiners.

#### DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 1200 Worth.

Herman A. Metz, Comptroller.

John H. McCooey and N. Taylor Phillips, Deputy Comptrollers.

Hubert L. Smith, Assistant Deputy Comptroller.

Oliver E. Stanton, Secretary to Comptroller.

#### MAIN DIVISION.

H. J. Storrs, Chief Clerk, Room II.

#### BOOKKEEPING AND AWARDS DIVISION.

Frank W. Smith, Chief Accountant and Book- keeper, Room 8.

#### STOCK AND BOND DIVISION.

James J. Sullivan, Chief Stock and Bond Clerk, Room 37.

#### BUREAU OF AUDIT—MAIN DIVISION.

P. H. Quinn, Chief Auditor of Accounts, Room 27.

#### LAW AND ADJUSTMENT DIVISION.

Jeremiah T. Mahoney, Auditor of Accounts, Room 185.

#### BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.

Charles S. Hervey, Supervising Statistician and Examiner, Room 180.

#### CHARITABLE INSTITUTIONS DIVISION.

Daniel C. Potter, Chief Examiner of Accounts of Institutions, Room 38.

#### BUREAU OF THE CITY PAYMASTER.

No. 83 Chambers street and No. 65 Reade street. John H. Timmerman, City Paymaster.

#### BUREAU OF ENGINEERING.

Stewart Building, Chambers street and Broadway, Chandler Withington, Chief Engineer, Room 55.

#### REAL ESTATE BUREAU.

Thomas F. Byrnes, Mortimer J. Brown, Appraisers of Real Estate, Room 157.

#### BUREAU FOR THE COLLECTION OF TAXES.

Borough of Manhattan—Stewart Building, Room O.

David E. Austen, Receiver of Taxes.

John J. McDonough and William H. Loughran, Deputy Receivers of Taxes.

Borough of The Bronx—Municipal Building, Third and Tremont avenues.

John B. Underhill and Stephen A. Nugent, Deputy Receivers of Taxes.

Borough of Brooklyn—Municipal Building, Rooms 2-8.

James B. Bouck and John F. Regan, Deputy Receivers of Taxes.

Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

George H. Creed and Mason O. Smedley, Deputy Receivers of Taxes.

Borough of Richmond—Borough Hall, St. George, New Brighton.

John De Morgan and F. Wilsey Owen, Deputy Receivers of Taxes.

#### BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.

Borough of Manhattan—Stewart Building, Room 81.

Daniel Moynahan, Collector of Assessments and Arrears.

Richard E. Weldon, Deputy Collector of Assessments and Arrears.

Borough of The Bronx—Municipal Building, Rooms 1-3.

James J. Donovan, Jr., Deputy Collector of Assessments and Arrears.

Borough of Brooklyn—Municipal Building.

William E. Melody, Deputy Collector of Assessments and Arrears.

Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.

Patrick E. Leahy, Deputy Collector of Assessments and Arrears.

Borough of Richmond—Bay and Sand streets, Stapleton.

George Brand, Deputy Collector of Assessments and Arrears.

#### BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS.

Stewart Building, Chambers street and Broadway, Room 141.

John M. Gray, Collector of City Revenue and Superintendent of Markets.

James H. Baldwin, Deputy Collector of City Revenue.

David O'Brien, Deputy Superintendent of Markets.

#### BUREAU OF THE CITY CHAMBERLAIN.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67.

Patrick Keenan, City Chamberlain.

John H. Campbell, Deputy Chamberlain.

#### DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, 9 a. m. to 4 p. m. Burial Permit and Contagious Disease Offices always open.

Telephone, 4900 Columbus.

Thomas Darlington, M. D., Commissioner of Health and President.

Alvah H. Doty, M. D., Theodore A. Bingham, Commissioners.

Eugen W. Scheffer, Secretary.

Herman M. Biggs, M. D., General Medical Officer.

James McC. Miller, Chief Clerk.

Charles F. Roberts, M. D., Sanitary Superintendent.

William H. Guilfoyle, M. D., Registrar of Records.

#### Borough of Manhattan.

Walter Bensel, M. D., Assistant Sanitary Superintendent; George A. Roberts, Assistant Chief Clerk. Charles J. Burke, M. D., Assistant Registrar of Records.

#### Borough of The Bronx, No. 3731 Third avenue.

Charles F. Spencer, M. D., Acting Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M. D., Assistant Registrar of Records.

#### Borough of Brooklyn, Nos. 38 and 40 Clinton street.

Traverse R. Maxfield, M. D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M. D., Assistant Registrar of Records.

#### Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.

John P. Moore, M. D., Assistant Sanitary Superintendent; George R. Crowley, Assistant Chief Clerk; Robert Campbell, M. D., Assistant Registrar of Records.

#### Borough of Richmond, Nos. 54 and 56 Water street, Stapleton, Staten Island.

John T. Sprague, M. D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk; J. Walter Wood, M. D., Assistant Registrar of Records.

#### DEPARTMENT OF PARKS.

Nichols, Consulting Engineer, Bridge Department; Samuel Parsons, Landscape Architect, Park Department.  
Nathaniel Rosenberg, Assistant Secretary.  
Telephone, 1844 Cortlandt.

**POLICE DEPARTMENT.**  
CENTRAL OFFICE.

No. 300 Mulberry street, 9 a. m. to 4 p. m.  
Telephone, 3100 Spring.  
Theodore A. Bingham, Commissioner.  
Arthur J. O'Keefe, First Deputy Commissioner.  
Frederick H. Bugher, Second Deputy Commissioner.  
Bert Hanson, Third Deputy Commissioner.  
Daniel G. Slattery, Secretary to Commissioner.  
William H. Kipp, Chief Clerk.

**TENEMENT HOUSE DEPARTMENT.**  
Manhattan Office, No. 44 East Twenty-third street.  
Telephone, 5331 Gramercy.  
Edmond J. Butler, Commissioner.  
Harry G. Darwin, First Deputy Commissioner.  
Brooklyn Office, Temple Bar Building, No. 44 Court street.  
Telephone, 3825 Main.  
John McKeown, Second Deputy Commissioner.  
Bronx Office, Nos. 2804, 2806 and 2808 Third avenue.  
Telephone, 967 Melrose.  
William B. Calvert, Superintendent.

**BOROUGH OFFICES.**

**BOROUGH OF THE BRONX.**

Office of the President, corner Third avenue and One Hundred and Seventy-seventh street; 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Louis F. Haffen, President.  
Henry A. Gumbleton, Secretary.  
John F. Murray, Commissioner of Public Works.  
Peter J. Stumpf, Assistant Commissioner of Public Works.  
Josiah A. Briggs, Chief Engineer.  
Frederick Greiffenbarg, Principal Assistant Topographical Engineer.  
Charles H. Graham, Engineer of Sewers.  
Samuel C. Thompson, Engineer of Highways.  
Patrick J. Reville, Superintendent of Buildings.  
John A. Mason, Assistant Superintendent of Buildings.  
Martin Geisler, Superintendent of Highways.  
Albert H. Liebauer, Superintendent of Public Buildings and Offices.  
Telephone, 66 Tremont.

**BOROUGH OF BROOKLYN.**

President's Office, Nos. 15 and 16 Borough Hall, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Bird S. Coler, President.  
Charles Frederick Adams, Secretary.  
John A. Heffernan, Private Secretary.  
Desmond Dunne, Commissioner of Public Works.  
Durbin Van Vleck, Assistant Commissioner of Public Works.  
David F. Moore, Superintendent of Buildings.  
Frank J. Ulrich, Superintendent of the Bureau of Highways.  
James Dunne, Superintendent of the Bureau of Sewers.  
Joseph M. Lawrence, Superintendent of the Bureau of Public Buildings and Offices.

**BOROUGH OF MANHATTAN.**

Office of the President, Nos. 10, 11 and 12 City Hall, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
John F. Ahearn, President.  
Bernard Downing, Secretary.  
Edward S. Murphy, Superintendent of Buildings.  
William Dalton, Commissioner of Public Works.  
James J. Hagan, Assistant Commissioner of Public Works.  
William H. Walker, Superintendent of Public Buildings and Offices.  
George F. Scannell, Superintendent of Highways.  
William J. Boyhan, Superintendent of Sewers.

**BOROUGH OF QUEENS.**

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City; 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Joseph Bermel, President.  
Herman Ring, Secretary.  
Lawrence Gresser, Commissioner of Public Works.  
Alfred Denton, Assistant Commissioner of Public Works.  
James P. Hicks, Superintendent of Highways.  
Carl Berger, Superintendent of Buildings.  
Joseph H. De Braga, Superintendent of Sewers.  
Lucie Knapp, Superintendent of Street Cleaning.  
Office, No. 48 Jackson avenue, Long Island City.  
Matthew J. Goldner, Superintendent of Public Buildings and Offices, Office, Town Hall, Jamaica.  
Robert R. Crowell, Engineer Topographical Bureau, Office, No. 252 Jackson avenue, Long Island City.  
Telephone, 1900 Greenpoint.

**BOROUGH OF RICHMOND.**

President's Office, New Brighton, Staten Island.  
George Cromwell, President.  
Maybury Fleming, Secretary.  
Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.  
John Seaton, Superintendent of Buildings.  
H. E. Buel, Superintendent of Highways.  
John T. Fetherston, Superintendent of Street Cleaning.  
Ernest H. Seehusen, Superintendent of Sewers.  
John Timlin, Jr., Superintendent of Public Buildings and Offices.  
George W. Tuttle, Principal Assistant Engineer, Bureau of Engineering—Topographical.  
Theodore S. Oxholm, Principal Assistant Engineer, Bureau of Engineering—Construction.  
Offices—Borough Hall, New Brighton, N. Y., 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m.  
Telephone, 1000 Tompkinsville.

**CORONERS.**

Borough of The Bronx—Corner of Third avenue and One Hundred and Seventy-seventh street. Telephone, 1250 Tremont and 3415 Franklin.  
Robert F. McDonald, A. F. Schwannecke.  
William T. Austin, Chief Clerk.  
Borough of Brooklyn—Office, Room 11, Borough Hall. Telephone, 4004 Main and 4005 Main.  
Henry J. Brewer, M. D., John F. Kennedy.  
Joseph McGuinness, Chief Clerk.  
Open all hours of the day and night.  
Borough of Manhattan—Office, Criminal Courts Building, Centre and White streets. Open at all times of the day and night.  
Coroners: Julius Harburger, Peter P. Acrimelli, George F. Shady, Jr., Peter Dooley.  
Julius Harburger, President Board of Coroners.  
Jacob E. Bausch, Chief Clerk.  
Telephones, 1094, 5057, 5058 Franklin.  
Borough of Queens—Office, Borough Hall, Fulton street, Jamaica, L. I.  
Samuel D. Nutt, Alfred S. Ambler.  
Martin Mager, Jr., Chief Clerk.  
Office hours, from 9 a. m. to 10 p. m.

Borough of Richmond—Second street, New Brighton. Open for the transaction of business all hours of the day and night.  
Matthew J. Cahill.

**COUNTY OFFICES.**

**NEW YORK COUNTY.**

**COMMISSIONER OF JURORS.**

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.  
Thomas Allison, Commissioner.  
Matthew F. Neville, Assistant Commissioner.  
Frederick P. Simpson, Assistant Commissioner.  
Frederick O'Byrne Secretary.

**COMMISSIONER OF RECORDS.**

Office, New County Court-house.  
William S. Andrews, Commissioner.

**COUNTY CLERK.**

Nos. 8, 9, 10 and 11 New County Court-house  
Office hours from 9 a. m. to 4 p. m.  
Peter J. Dooling, County Clerk.  
John E. Curry, Deputy.  
Joseph J. Gladden, Secretary.  
Telephone, 870 Cortlandt.

**DISTRICT ATTORNEY.**

Building for Criminal Courts, Franklin and Centre streets.  
Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.  
William Travers Jerome, District Attorney.  
John A. Henneberry, Chief Clerk.

**PUBLIC ADMINISTRATOR.**

No. 119 Nassau street, 9 a. m. to 4 p. m.  
William M. Hoes, Public Administrator.  
Telephone, 6376 Cortlandt.

**REGISTER.**

Hall of Records. Office hours from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.  
Frank Gass, Register.  
William H. Sinnott, Deputy Register.  
Telephone, 3900 Worth.

**SHERIFF.**

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Nicholas J. Hayes, Sheriff.  
A. J. Johnson, Under Sheriff.  
Telephone, 4984 Worth.

**SURROGATE.**

Hall of Records. Court open from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.  
Frank T. Fitzgerald, Abner C. Thomas, Surrogates; William V. Leahy, Chief Clerk.

**KINGS COUNTY.**

**COMMISSIONER OF JURORS.**

5 County Court-house.  
Jacob Brenner, Commissioner.  
Jacob A. Livingston, Deputy Commissioner.  
Albert B. Waldron, Secretary.  
Office hours from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m.  
John K. Neal, Commissioner.  
Jesse D. Frost, Deputy Commissioner.  
Thomas D. Mossop, Superintendent.  
William J. Beattie, Assistant Superintendent.

**COUNTY CLERK.**

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; during months of July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.  
Charles T. Hartzheim, County Clerk.  
Bela Tokaji, Deputy County Clerk.  
James P. Kohler, Assistant Deputy County Clerk.  
Robert Stewart, Counsel.  
Telephone call, 4930 Main.

**COUNTY COURT, KINGS COUNTY.**

County Court-house, Brooklyn, Rooms 10, 17, 18, 22 and 23. Court opens at 10 a. m. daily and sits until business is completed. Part I, Room No. 23; Part II, Room No. 10, Court-house. Clerk's Office, Rooms 17, 18 and 22, open daily from 9 a. m. to 4 p. m.; Saturdays, 12 m.  
Norman S. Dike and Lewis L. Fawcett, County Judges.  
Charles S. Devoy, Chief Clerk.  
Telephone, 4154 and 4155 Main.

**DISTRICT ATTORNEY.**

Office, County Court-house, Borough of Brooklyn Hours, 9 a. m. to 5 p. m.  
John F. Clarke, District Attorney.

**PUBLIC ADMINISTRATOR.**

No. 44 Court street (Temple Bar), Brooklyn. 9 a. m. to 5 p. m.  
Charles E. Teale, Public Administrator

**REGISTER.**

Hall of Records. Office hours, 9 a. m. to 4 p. m., excepting months of July and August; then from 9 a. m. to 2 p. m., provided for by statute.  
Alfred J. Boulton, Register.

**SHERIFF.**

County Court-house, Brooklyn, N. Y.  
9 a. m. to 4 p. m.; Saturdays, 12 m.  
Michael J. Flaherty, Sheriff.

**SURROGATE.**

Hall of Records, Brooklyn, N. Y.  
James C. Church, Surrogate.  
William P. Pickett, Clerk of the Surrogate's Court.  
Court opens at 10 a. m. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

**QUEENS COUNTY.**

**COMMISSIONER OF JURORS.**

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Queens County Court-house, Long Island City.  
John P. Balbert, Commissioner of Jurors.  
Rodman Richardson, Assistant Commissioner.

**COUNTY CLERK.**

Jamaica, Fourth Ward, Borough of Queens, City of New York.  
Office open, April 1 to October 1, 8 a. m. to 5 p. m.; October 1 to April 1, 9 a. m. to 5 p. m.; Saturdays throughout year until 12 noon.  
John Niederstein, County Clerk.  
Henry J. Walter, Jr., Deputy County Clerk.  
Charles Mahler, Assistant Deputy County Clerk.  
Frank C. Klingenberg, Secretary.  
Telephone, 151 Jamaica.

**COUNTY COURT.**

Temporary County Court-house, Long Island City. County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms each Saturday, except during August.  
County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.  
Burt J. Humphrey, County Judge.

**DISTRICT ATTORNEY.**

Office, Queens County Court-house, Long Island City, 9 a. m. to 5 p. m.  
Ira G. Darrin, District Attorney.

**PUBLIC ADMINISTRATOR.**

Nos. 62 to 68 Jackson avenue, Long Island City. Charles J. Schneller, Public Administrator, County of Queens.

**SHERIFF.**

County Court-house, Long Island City, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.  
Herbert S. Harvey, Sheriff.  
John M. Phillips, Under Sheriff.

**SURROGATE.**

Daniel Noble, Surrogate.  
Office at Jamaica.  
Except on Sundays, holidays and half-holidays, the office is open between March 31 and October 1 from 8 a. m. to 5 p. m.; on Saturdays, from 8 a. m. to 12 m.; between September 30 and April 1, from 9 a. m. to 5 p. m.; on Saturdays, from 9 a. m. to 12 m. The calendar is called on Tuesday of each week at 10 a. m., except during the month of August, when no court is held, and the court sits every day thereafter until all contested cases have been disposed of.

**RICHMOND COUNTY.**

**COMMISSIONER OF JURORS.**

Village Hall, Stapleton. Charles J. Kullman, Commissioner.  
John J. McCaughay, Assistant Commissioner.  
Office open from 9 a. m. until 4 p. m.; Saturdays, from 9 a. m. to 12 m.

**COUNTY JUDGE AND SURROGATE.**

Terms of Court, Richmond County, 1907. County Courts—Stephen D. Stephens, County Judge.

First Monday of June, Grand and Trial Jury.  
First Monday of December, Grand and Trial Jury.  
Fourth Wednesday of January, without a Jury.  
Fourth Wednesday of February, without a Jury.  
Fourth Wednesday of March, without a Jury.  
Fourth Wednesday of April, without a Jury.  
Fourth Wednesday of July, without a Jury.  
Fourth Wednesday of September, without a Jury.  
Fourth Wednesday of October, without a Jury.  
Surrogate's Court—Stephen D. Stephens, Surrogate.  
Mondays at the Borough Hall, St. George, 10:30 o'clock a. m.  
Tuesdays at the Borough Hall, St. George, at 10:30 o'clock a. m.  
Wednesdays at the Surrogate's Office, Richmond, at 10:30 o'clock a. m.

**DISTRICT ATTORNEY.**

No. 400 Richmond Terrace, New Brighton, S. I. Office hours, from 9 a. m. to 12 m., and 1 p. m. to 5 p. m.  
John J. Kenney, District Attorney.  
J. Harry Tiernan, Assistant District Attorney.

**SHERIFF.**

County Court-house, Richmond, S. I. Office hours, 9 a. m. to 4 p. m.  
Joseph J. Barth, Sheriff.  
John J. Schoen, Under Sheriff.

**THE COURTS.**

**APPELLATE DIVISION OF THE SUPREME COURT.**

FIRST JUDICIAL DEPARTMENT.

Court-house, Madison avenue, corner Twenty-fifth street. Court opens at 1 p. m.  
Edward Patterson, Presiding Justice, George L. Ingraham, Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, James W. Houghton, Francis M. Scott and John S. Lambert, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.

Court's Office open at 9 a. m.

**SUPREME COURT—FIRST DEPARTMENT.**

County Court-house, Chambers street. Court open from 10:15 a. m. to 4 p. m.  
Special Term, Part I. (motions), Room No. 16.  
Special Term, Part II. (ex parte business), Room No. 13.  
Special Term, Part III., Room No. 19.  
Special Term, Part IV., Room No. 20.  
Special Term, Part V., Room No. 33.  
Special Term, Part VI. (Elevated Railroad cases), Room 31.  
Trial Term, Part II., Room No. 34.  
Trial Term, Part III., Room No. 22.  
Trial Term, Part IV., Room No. 21.  
Trial Term, Part V., Room No. 24.  
Trial Term, Part VI., Room No. 35.  
Trial Term, Part VII., Room No. 23.  
Trial Term, Part VIII., Room No. 27.

Trial Term, Part IX., Room No. 26.

Trial Term, Part X., Room No. 28.

Trial Term, Part XI., Room No. 37.

Trial Term, Part XII., Room No. 26.

Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.

Appellate Term, Room No. 29.

Naturalization Bureau, Room No. 38, third floor.

Assignment Bureau, room on third floor.

Clerks in attendance from 10 a. m. to 4 p. m.

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Seventh District—No. 31 Snider avenue (Flatbush). Eighth District—West Eighth street (Coney Island).

## Borough of Queens.

City Magistrates—Matthew J. Smith, Luke I. Connerton, Edmund J. Healy. First District—Long Island City. Second District—Flushing. Third District—Far Rockaway.

## Borough of Richmond.

City Magistrates—John Crook, Nathaniel Marsh. First District—New Brighton, Staten Island. Second District—Stapleton, Staten Island.

## MUNICIPAL COURTS.

## Borough of Manhattan.

First District—Third, Fifth and Eighth Wards and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Oyster Islands. New Court-house, No. 128 Prince street, corner of Wooster street.

Wauhoo Lynn, Justice. Thomas O'Connell, Clerk. Clerk's Office open from 9 a. m. to 4 p. m. Telephone, 137 Spring.

Second District—Second, Fourth, Sixth and Fourteenth Wards and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, No. 59 Madison street.

John Hoyer, Justice. Francis Mangin, Clerk. Clerk's Office open from 9 a. m. to 4 p. m.

Court opens daily at 9 a. m., and remains open until daily calendar is disposed of and close of the daily business, except on Sundays and legal holidays.

Telephone, 240 Orchard.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth avenue and West Tenth street. Court opens daily (Sundays and legal holidays excepted), from 9 a. m. to 4 p. m.

William F. Moore, Justice. Daniel Williams, Clerk. Telephone, 2513 Chelsea.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Clerk's Office open daily from 9 a. m. to 4 p. m. Court opens 9 a. m. daily, and remains open to close of business.

George F. Roesch, Justice. Andrew Lang, Clerk. Telephone, 4053 Orchard.

Fifth District—The Fifth District embraces the Eleventh Ward and all that portion of the Thirteenth Ward which lies east of the centre line of Norfolk street and north of the centre line of Grand street and west of the centre line of Pitt street and north of the centre line of Delancey street and northwest of Clinton street to Rivington street, and on the centre line of Rivington street south to Norfolk street. Court-room, No. 154 Clinton street.

Benjamin Hoffman, Justice. Thomas Fitzpatrick, Clerk. Telephone, 2326 Orchard.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens at 9 a. m. daily (except legal holidays), and continues open until close of business.

Henry W. Unger, Justice. Abram Bernard, Clerk. Telephone, 4570 Gramercy.

Seventh District—That portion of Nineteenth Ward east of Lexington avenue, bounded on the south by the north side of East Fortieth street and on the north by the south side of East Eighty-sixth street, also that portion bounded on the south by the north side of East Sixty-first street, on the west by the east side of Park avenue, and on the north by the south side of East Sixty-fifth street. Court-room, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.

Herman Joseph, Justice. Edward A. McQuade, Clerk. Telephone, 3860 Plaza.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 9 a. m. and continues open until close of business. Summary proceedings and return causes called at 9 a. m. Calendar causes, 9 a. m.

Clerk's Office open from 9 a. m. to 4 p. m., and on Saturdays until 12 m.

Trial days and Return days, each Court day.

James W. McLaughlin, Justice. Henry Merzbach, Clerk. Telephone, 2665 Chelsea.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue and of the Harlem river, north of the terminus of Lenox avenue. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.

Joseph P. Fallon, Justice. William J. Kennedy, Clerk. Clerk's office open from 9 a. m. to 4 p. m.

Telephone, 3595 Harlem.

Tenth District—The Tenth District embraces that portion of the Twenty-second Ward south of Seventieth street, west of Central Park West to Fifty-ninth street, east on Fifty-ninth street to Seventh avenue, south on Seventh avenue to Fifty-third street, west on Fifty-third street to Eighth avenue, south on Eighth avenue to Fortieth street, north side to Hudson river. Court-room, No. 314 West Fifty-fourth street. Court open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Thomas E. Murray, Justice. Michael Skelly, Clerk.

Telephone, 1890 Columbus.

Eleventh District—The Eleventh District embraces that portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street, between Lenox avenue and Seventh avenue, north of the centre line of One Hundred and Twentieth street, between Seventh avenue and Broadway; north of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river, and west of the centre line of Lenox or Sixth avenue and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted), from 9 a. m. to 4 p. m. Court convenes daily at 9 a. m.

Francis J. Worcester, Justice. Heman B. Wilson, Clerk.

Telephone, 6335 Morningside.

Twelfth District—The Twelfth District embraces that portion of the Twenty-second Ward north of Seventieth street, and that portion of the Twelfth Ward which lies north of the centre line of Eighty-sixth street and west of the centre line of One Hundred and Twentieth street, between Seventh avenue and Broadway, and south of the centre line of One Hundred and Nineteenth street, between Broadway and the North or Hudson river. Court-room, No. 2555 Broadway.

Alfred P. W. Seaman, Justice. James V. Gilloon, Clerk.

Telephone, 4006 Riverside.

Thirteenth District—South side of Delancey street, from East river to Pitt street; east side of Pitt street, Grand street, south side of Grand street to Norfolk

street, east side of Norfolk street to Division street, south side of Division street to Catharine street, east side of Catharine street to East river. Clerk's Office open daily (Sundays and legal holidays excepted), from 9 a. m. to 4 p. m.

Leon Sanders, Justice. James J. Devlin, Clerk. Court-room, No. 264 Madison street. Telephone, 2596 Orchard.

Fourteenth District—The Fourteenth District embraces that portion of the Borough of Manhattan bounded as follows: Beginning at West Forty-first street and Eighth avenue, north on Eighth avenue to West Fifty-third street; east on West Fifty-third street to Seventh avenue; north on Seventh avenue to West Fifty-ninth street to Eighth avenue; north on Eighth avenue and west on Central Park West to the Transverse road at Central Park West and West Ninety-seventh street; east on Transverse road to Fifth avenue and East Ninety-seventh street; south on Fifth avenue to East Ninety-sixth street; east on Ninety-sixth street to Lexington avenue; south on Lexington avenue to East Sixty-fifth street; west on East Sixty-fifth street to Park avenue; south on Park avenue to East Sixty-first street; east on East Sixty-first street to Lexington avenue; south on Lexington avenue to East Forty-first street; west on East and West Forty-first streets to the point of beginning at West Forty-first street and Eighth avenue.

Edgar J. Laufer, Justice. William J. Chamberlain, Clerk. Court-house, No. 620 Madison avenue. Telephone, 3873 Plaza.

## Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by Chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court open daily (Sundays and legal holidays excepted), from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.

William W. Penfield, Justice. Thomas F. Delahanty, Clerk.

Office hours, from 9 a. m. to 4 p. m.; Saturdays, closing at 12 m.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court-room, southeast corner of Washington avenue and One Hundred and Sixty-second street. Office hours, from 9 a. m. to 4 p. m. Court opens at 9 a. m.

John M. Tierney, Justice. Thomas A. Maher, Clerk. Telephone, 3043 Melrose.

## Borough of Brooklyn.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards and that portion of the Eleventh Ward beginning at the intersection of the centre lines of Hudson and Myrtle avenues, thence along the centre line of Myrtle avenue to North Portland avenue, thence along the centre line of North Portland avenue to Flushing avenue, thence along the centre line of Flushing avenue to Navy street, thence along the centre line of Navy street to Johnson street, thence along the centre line of Johnson street to Hudson avenue, and thence along the centre line of Hudson avenue to the point of beginning of the Borough of Brooklyn. Court-house, northwest corner State and Court streets.

John J. Walsh, Justice. Edward Moran, Clerk. Clerk's Office open from 9 a. m. to 4 p. m.

Second District—Seventh Ward and that portion of the Twenty-first and Twenty-third Wards west of the centre line of Stuyvesant avenue and the centre line of Schenectady avenue, also that portion of the Twentieth Ward beginning at the intersection of the centre lines of North Portland and Myrtle avenues, thence along the centre line of Myrtle avenue to Waverly avenue, thence along the centre line of Waverly avenue to Park avenue, thence along the centre line of Park avenue to Washington avenue, thence along the centre line of Washington avenue to Flushing avenue, thence along the centre line of North Portland avenue, and thence along the centre line of North Portland avenue to the point of beginning.

Court-room, No. 495 Gates avenue.

Gerard B. Van Wart, Justice. Franklin B. Van Wart, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m.

Third District—Embraces the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards, and that portion of the Twenty-seventh Ward lying northwest of the centre line of Starr street between the boundary line of Queens County and the centre line of Central avenue, and northwest of the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and northwest of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.

Philip D. Meagher, Justice. John W. Carpenter, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m.

Court opens at 9 a. m.

Fourth District—Embraces the Twenty-fourth and Twenty-fifth Wards, that portion of the Twenty-first and Twenty-third Wards lying east of the centre line of Stuyvesant avenue and east of the centre line of Schenectady avenue, and that portion of the Twenty-seventh Ward lying southeast of the centre line of Starr street between the boundary line of Queens and the centre line of Central avenue, and southeast of the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and southeast of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.

Court-room, No. 14 Howard avenue.

Thomas H. Williams, Justice. G. J. Wiederhold, Clerk. Milton I. Williams, Assistant Clerk.

Clerk's Office open from 9 a. m. to 4 p. m.

Fifth District—Contains the Eighth, Thirtieth and Thirty-first Wards, and so much of the Twenty-second Ward as lies south of Prospect avenue. Court-house, northwest corner of Fifty-third street and Third avenue.

Cornelius Furgeson, Justice. Jeremiah J. O'Leary, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m.

Sixth District—The Sixth District embraces the Ninth and Twenty-ninth Wards and that portion of the Twenty-second Ward north of the centre line of Prospect avenue; also that portion of the Eleventh and the Twentieth Wards beginning at the intersection of the centre lines of Bridge and Fulton streets; thence along the centre line of Fulton street to Flatbush avenue; thence along the centre line of Flatbush avenue to Atlantic avenue; thence along the centre line of Atlantic avenue to Washington avenue; thence along the centre line of Washington avenue to Park avenue; thence along the centre line of Park avenue to Waverly avenue; thence along the centre line of Waverly avenue to Myrtle avenue; thence along the centre line of Myrtle avenue to Hudson avenue; thence along the centre line of Hudson avenue to Johnson street; thence along the centre line of Johnson street to Bridge street, and thence along the centre line of Bridge street to the point of beginning.

Justice, Lucien S. Bayliss. Charles P. Bible, Clerk.

Court-house, No. 585 Fulton street.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.

Alexander S. Rosenthal, Justice. Samuel F. Brothers, Clerk.

Court-house, corner Pennsylvania avenue and Fulton street (No. 31 Pennsylvania avenue).

Clerk's Office open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Trial days, Tuesdays, Wednesdays, Thursdays and Fridays.

Jury Days: Wednesdays and Thursdays.

Court-house, No. 94 East New York.

## Borough of Queens.

First District—First Ward (all of Long Island City formerly composing five wards). Court-room, St. Mary's Lyceum, Nos. 115 and 117 Fifth street, Long Island City.

Clerk's Office open from 9 a. m. to 4 p. m., except Saturdays, closing at 12 m. Trial days, Mondays, Wednesdays and Fridays.

Thomas C. Kadien, Justice. Thomas F. Kennedy, Clerk.

Court-house, No. 2376 Greenpoint.

Second District—Second and Third Wards, which include the territory of the late Towns of Newtown and Flushing. Court-room, in Court-house of the late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. Address, Elmhurst, New York.

William Rasquin, Jr., Justice. John E. Prendeville, Clerk. William Repper, Assistant Clerk. James B. Snediker, Stenographer.

Court-house, No. 620 Madison avenue.

Telephone, 2376 Greenpoint.

Third District—Fourth and Fifth Wards, comprising the territory of the former Towns and Villages of Jamaica, Far Rockaway and Rockaway Beach.

James F. McLaughlin, Justice. George W. Damon, Clerk.

Court-house, Town Hall, Jamaica.

Telephone, 189 Jamaica.

Clerk's Office open from 9 a. m. to 4 p. m.

Court held on Mondays, Wednesdays and Fridays at 9 a. m.

## Borough of Richmond.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

Thomas C. Brown, Justice. Anning S. Prall, Clerk.

Court-house, No. 503 Tompkinsville.

Telephone, 313 Tompkinsville.

## CHANGE OF GRADE DAMAGE COMMISSION.

## TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the Acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commissioners appointed under said Acts will be held at the office of the Commission, Room 138, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Wednesdays and Fridays of each week, at 2 o'clock p. m., until further notice.

Dated New York City, November 20, 1906.

WILLIAM E. STILLINGS, GEORGE C. NORTON, OSCAR S. BAILEY, Commissioners.

LAMONT MCLOUGHLIN, Clerk.

## OFFICIAL BOROUGH PAPERS.

## BOROUGH OF THE BRONX.

"North Side News," "Harlem Reporter and Bronx Chronicle," "Bronx Sentinel."

## BOROUGH OF RICHMOND.

"Staten Islander," "Staten Island Star."

## BOROUGH OF QUEENS.

"Long Island Star" (First and Second Wards), "Flushing Evening Journal" (Third Ward), "Long Island Farmer" (Fourth Ward), "Rockaway News" (Fifth Ward).

## BOROUGH OF BROOKLYN.

"Brooklyn Eagle," "Brooklyn Times," "Brooklyn Citizen," "Brooklyn Standard-Union

The amount of security required will be One Hundred and Fifty Dollars.

The Engineer's estimate of quantities is as follows:

30 linear feet of 12-inch vitrified salt-glazed or cement concrete culvert pipe.  
1 receiving basin, complete.  
5 cubic yards of rock, excavated and removed.  
1,000 feet (B. M.) timber for bracing and sheet piling.

No. 10. TO CONSTRUCT A CATCH BASIN ON THE NORTHEAST CORNER OF SIXTH AVENUE AND GRAHAM AVENUE, AND ALSO ONE ON THE NORTHWEST CORNER OF SIXTH AVENUE AND GRAHAM AVENUE, FIRST WARD.

The time allowed for the constructing and completing catch basin and appurtenances will be 20 working days.

The amount of security required will be Two Hundred and Fifty Dollars.

The Engineer's estimate of the quantities is as follows:

50 linear feet of 12-inch vitrified salt-glazed or cement concrete culvert pipe.  
2 receiving basins, complete.  
5 cubic yards of rock, excavated and removed.  
1,000 feet (B. M.) timber for bracing and sheet piling.

No. 11. TO CONSTRUCT A CATCH BASIN ON THE SOUTHEAST CORNER OF GRAHAM AVENUE AND HAMILTON STREET IN THE FIRST WARD.

The time allowed for the constructing and completing of the catch basin and appurtenances will be fifteen working days.

The amount of security required will be One Hundred and Fifty Dollars.

The Engineer's estimate of the quantities is as follows:

25 linear feet of 12-inch vitrified salt glazed or cement concrete culvert pipe.  
1 receiving basin, complete.  
5 cubic yards of rock excavated and removed.  
500 feet (B. M.) timber for bracing and sheet piling.

No. 12. FOR REGULATING, GRADING, AND REPAVING WITH MACADAM PAVEMENT THE ROADWAY OF BOULEVARD, FROM PARK AVENUE (END OF BRICK PAVEMENT) TO CARNAGA AVENUE, FIFTH WARD.

The time allowed for doing and completing the above work will be fifty (50) working days.

The amount of security required will be Fifteen Thousand Dollars (\$15,000).

The Engineer's estimate of the quantity is as follows:

4,000 square yards of macadam pavement.

No. 13. FOR REGULATING, GRADING, CURBING AND REPAVING WITH VITRIFIED FIRE CLAY BRICK OR BLOCK PAVEMENT ON A RELAID MACADAM FOUNDATION THE ROADWAY OF BOULEVARD, FROM REMSEN AVENUE TO EASTERN AVENUE, FIFTH WARD.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be Seven Thousand Dollars (\$7,000).

The Engineer's estimate of the quantities is as follows:

4,150 square yards of vitrified fire clay brick or block pavement.  
4,150 square yards of macadam to be relaid as foundation.

4,600 linear feet of concrete curb, furnished and set.

No. 14. FOR REGULATING, GRADING, CURBING AND REPAVING WITH WOOD BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF BERGEN AVENUE, FROM FULTON STREET TO HILLSIDE AVENUE, FOURTH WARD.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be Five Thousand Dollars (\$5,000).

The Engineer's estimate of the quantities is as follows:

5,200 square yards of wood block pavement.  
550 cubic yards of concrete.  
450 linear feet of new curb.

No. 15. FOR REGULATING, GRADING, AND REPAVING WITH MACADAM PAVEMENT THE ROADWAY OF MERRICK ROAD, FROM FULTON STREET TO EAST-ERLY LINE.

The time allowed for doing and completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Fifteen Thousand Dollars (\$15,000).

The Engineer's estimate of the quantity is as follows:

46,700 square yards of macadam pavement.

No. 16. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS BROKEN STONE AND SCREENINGS OF LIMESTONE IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is one hundred (100) working days.

The amount of security will be Two Thousand Dollars (\$2,000).

The total quantities of materials to be furnished in cubic yards is as follows:

2,000 cubic yards of limestone screenings.  
2,000 cubic yards of broken stone of limestone.

No. 17. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS BROKEN STONE AND SCREENINGS OF TRAP-ROCK IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is one hundred (100) working days.

The amount of security required will be Ten Thousand Dollars (\$10,000).

The total quantities of material to be furnished in yards is as follows:

5,000 cubic yards of broken stone of trap-rock size,  $1\frac{1}{2}$  inches.  
5,000 cubic yards of broken stone of trap-rock size,  $\frac{3}{4}$  of an inch.

6,000 cubic yards of trap-rock screenings.

No. 18. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON WASHINGTON AVENUE, FROM VERNON AVENUE TO EAST RIVER, FIRST WARD.

The time allowed for doing and completing the above work is one hundred and twenty-five (125) working days.

The amount of security required will be Fifteen Thousand Dollars (\$15,000).

The Engineer's estimate of the quantities is as follows:

7,900 cubic yards of rock excavation.  
14,400 cubic yards of earth excavation.  
1,140 linear feet of concrete curb.  
5,760 square feet of new flagstones.

No. 19. FOR REGULATING, GRADING, CURBING, FLAGGING AND PAVING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF ODEON AVENUE, FROM PALMETTO STREET TO STANHOPE STREET, SECOND WARD.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be Fifteen Thousand Dollars (\$15,000).

The Engineer's estimate of the quantities is as follows:

7,900 square yards of asphalt pavement, including binder course.  
1,016 cubic yards of concrete.  
4,800 linear feet of new bluestone curbstone, furnished and set.  
3,000 cubic yards of earth excavation.  
21,000 square feet of new flagstones.

No. 20. FOR REGULATING, CURBING, GRADING AND REPAVING WITH VITRIFIED FIRE-CLAY BRICK OR BLOCK PAVEMENT ON A RELAID MACADAM FOUNDATION THE ROADWAY OF WHITE STREET, FROM MOTT AVENUE TO CARNAGA AVENUE, FIFTH WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Four Thousand Dollars (\$4,000).

The Engineer's estimate of the quantities is as follows:

2,362 square yards of vitrified fire-clay brick or block pavement.  
2,362 square yards of macadam, to be relaid as foundation.  
1,750 linear feet of concrete curb, furnished and set.

No. 21. FOR REGULATING, CURBING AND REPAVING WITH VITRIFIED FIRE-CLAY BRICK OR BLOCK PAVEMENT ON A RELAID MACADAM FOUNDATION THE ROADWAY OF CARNAGA AVENUE, FROM CENTRAL AVENUE TO RAILROAD, FIFTH WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Seven Thousand Dollars (\$7,000).

The Engineer's estimate of the quantities is as follows:

5,400 square yards of vitrified fire-clay brick or block pavement.  
5,400 square yards of macadam, to be relaid as foundation.  
3,000 linear feet of concrete curb, furnished and set.

No. 22. TO CONSTRUCT A TEMPORARY SEWER AND APPURTENANCES IN NINETEEN STREET, FROM THE SOUTHERLY SIDE OF SIXTH AVENUE TO A POINT ABOUT 250 FEET SOUTH THEREOF, AT COLLEGE POINT, THIRD WARD.

The time allowed for constructing and completing of the sewer and appurtenances will be 30 days.

The amount of security required will be Five Hundred Dollars.

The Engineer's estimate of the quantities is as follows:

310 linear feet of 12-inch vitrified salt-glazed or cement concrete pipe sewer.  
2 manholes, complete.  
10 cubic yards of rock, excavated and removed.  
1,000 feet (B. M.) timber for foundation.  
2,000 feet (B. M.) timber for bracing and sheet piling.

No. 23. TO CONSTRUCT A SEWER AND APPURTENANCES IN THE BOULEVARD, FROM NOTT AVENUE TO BODINE STREET, IN THE FIRST WARD.

The time allowed for the constructing and completing the sewer and appurtenances will be 120 days.

The amount of security required will be Two Thousand Five Hundred Dollars.

The Engineer's estimate of the quantities is as follows:

540 linear feet of 12-inch vitrified salt-glazed or cement concrete pipe sewer.  
285 linear feet of 15-inch vitrified salt-glazed or cement concrete pipe sewer.  
50 linear feet of 12-inch vitrified salt-glazed or cement concrete culvert pipe.  
1,100 linear feet of 6-inch vitrified salt-glazed or cement concrete pipe for house connections.

7 manholes, complete.  
2 receiving basins, complete.  
500 cubic yards of rock, excavated and removed.  
2,000 feet (B. M.) timber for foundation.  
5,000 feet (B. M.) timber for bracing and sheet piling.

No. 24. TO CONSTRUCT A SEWER AND APPURTENANCES IN FREEMAN AVENUE, FROM JACKSON AVENUE TO ACADEMY STREET, IN THE FIRST WARD.

The time allowed for constructing and completing the sewer and appurtenances will be 120 days.

The amount of security required will be Three Thousand Five Hundred Dollars.

The Engineer's estimate of the quantities is as follows:

1,230 linear feet of 12-inch vitrified salt-glazed or cement concrete pipe sewer.  
4 linear feet of 15-inch vitrified salt-glazed or cement concrete pipe sewer.  
4 linear feet of 18-inch vitrified salt-glazed or cement concrete pipe sewer.  
80 linear feet of 12-inch vitrified salt-glazed or cement concrete culvert pipe.  
1,560 linear feet of 6-inch vitrified salt-glazed or cement concrete pipe for house connections.

10 manholes, complete.  
3 receiving basins, complete.  
40 cubic yards of rock, excavated and removed.  
5,000 feet (B. M.) timber for foundation.  
5,000 feet (B. M.) timber for bracing and sheet piling.

No. 25. TO CONSTRUCT THE NECESSARY RECEIVING BASIN ON THE WEST SIDE OF ACADEMY STREET, OPPOSITE SOUTH WASHINGTON PLACE, IN THE FIRST WARD.

The time allowed for constructing and completing the receiving basin will be 15 working days.

The amount of security required will be One Hundred and Fifty Dollars.

The Engineer's estimate of the quantities is as follows:

15 linear feet of 12-inch vitrified salt-glazed or cement concrete culvert pipe.  
1 receiving basin complete.  
2,000 feet (B. M.) timber, for bracing and sheet piling.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereafter annexed, per square yard, linear foot or other unit of measure by which the bids will be tested.

The extension must be made and footed up, as the bids will be read from a total.

Bids will be compared and the contract awarded at a lump or aggregate sum for each item.

Blank forms may be obtained and the plans and drawings may be seen at the office of the President of the Borough of Queens.

Dated Long Island City, April 24, 1907.

JOSEPH BERMEL,  
President of the Borough of Queens.  
a26,m7

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

## BELLEVUE AND ALLIED HOSPITALS.

BELLEVUE AND ALLIED HOSPITALS DEPARTMENT OF NEW YORK CITY, TWENTY-SIXTH STREET AND FIRST AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEELED BIDS OR ESTIMATES WILL BE received by the President of the Board of Trustees at the above office until 3 p. m., on

**FRIDAY, MAY 8, 1907,**

FOR FURNITURE FOR THE NEW FORDHAM HOSPITAL.

The surety required will be fifty per cent. (50%) of the amount of the bid.

The time for the delivery of the supplies and the full performance of the contract is within ten (10) days after notice of award.

The bids will be read from the total, and will be compared and awarded to the lowest bidder for the class, as specified, as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, No. 419 East Twenty-sixth street, Borough of Manhattan, where the bids and deposits are also delivered.

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

Dated April 22, 1907.

a23,m3

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

## DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEELED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the office of the Department of Bridges, Room 1203, Park Row Building, at 2 o'clock p. m. on

**MONDAY, MAY 6, 1907,**

FOR REPAIRS TO ASPHALT PAVEMENTS ON BRIDGES OVER THE HARLEM RIVER AND IN THE BOROUGH OF MANHATTAN, DURING THE YEAR 1907.

The repairs will be made from time to time, as may be required during the balance of the year.

The amount of security required is Five Thousand Dollars (\$5,000).

Bidders will state a price per square yard for repairs at each bridge.

The contract will be awarded to the lowest bidder.

Blank forms and further information may be obtained at the office of the Department of Bridges.

J. W. STEVENSON,  
Commissioner of Bridges.

Dated April 22, 1907.

a23,m6

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

all work, appliances and materials incidental thereto.

Item No. 3. For 5 tons of additional steel reinforcement, furnished and placed in position, with all work, appliances and materials incidental thereto.

Item No. 4. For 200 linear feet of additional reinforced concrete piling, furnished and placed, with all work, appliances and materials incidental thereto.

The time for the completion of the work, and the full performance of the contract is 120 days.

obtained at the office of the architects, Messrs. Hogan & Slattery, No. 1 Madison avenue, Borough of Manhattan.

JOHN F. AHEARN,  
Borough President.

The City of New York, April 26, 1907.

a26,m8

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan, at the City Hall, Room 16, until 3 o'clock p. m. on

WEDNESDAY, MAY 8, 1907.

No. 1. FOR FURNISHING AND DELIVERING 1,200 CUBIC YARDS OF WASHED GRAVEL.

The time for the delivery of the articles, material and supplies and the performance of the contract is by the 31st day of December, 1907.

The amount of security required is One Thousand Dollars.

No. 2. FOR FURNISHING AND DELIVERING 1,800 CUBIC YARDS OF TRAP ROCK BROKEN STONE AND 1,500 CUBIC YARDS OF TRAP ROCK SCREENINGS.

The time for the delivery of the articles, material and supplies and the performance of the contract is by the 31st day of December, 1907.

The amount of security required is One Thousand Dollars.

No. 3. FOR FURNISHING AND DELIVERING 6,000 CUBIC YARDS OF SAND.

The time for the delivery of the articles, material and supplies and the performance of the contract is by the 31st day of December, 1907.

The amount of security required is One Thousand Dollars.

No. 4. FOR FURNISHING AND DELIVERING 60,000 GALLONS OF NO. 6 PAVING CEMENT.

The time for the delivery of the articles, material and supplies and the performance of the contract is by the 31st day of December, 1907.

The amount of security required is One Thousand Dollars.

The contracts must be bid for separately and the bids will be compared and the contracts awarded at a lump or aggregate sum for each contract.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard, or other unit of measure, or article, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total.

Blank forms may be had and the plans and drawings may be seen at the office of the Commissioner of Public Works, Nos. 13 to 21 Park row, Bureau of Highways, Borough of Manhattan.

JOHN F. AHEARN,  
Borough President.

The City of New York, April 25, 1907.

a25,m8

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan, at the City Hall, Room 16, until 3 o'clock p. m. on

WEDNESDAY, MAY 1, 1907.

No. 1. FOR REPAIRING AND MAINTAINING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, upon streets included within the following boundaries, and upon which the original guarantees of maintenance have expired or will expire during the term of this contract, viz.:

*Northwest District.*

Beginning at the northwesterly corner of Fifth avenue and Twenty-third street; thence along the northerly side of Twenty-third street to the Hudson river; thence northerly along the Hudson river to the Harlem Ship Canal; thence easterly and southerly along said ship canal and Harlem river to the point where Eighth avenue intersects the Harlem river; thence southerly along Eighth avenue to One Hundred and Fifty-fifth street; thence westerly on One Hundred and Fifty-fifth street to St. Nicholas place; thence southerly on St. Nicholas place and St. Nicholas avenue to One Hundred and Twenty-seventh street; thence westerly on One Hundred and Twenty-seventh street to Columbus avenue; thence southerly on Columbus avenue and Manhattan avenue to One Hundred and Tenth street; thence easterly on One Hundred and Tenth street to Fifth avenue; thence southerly along the west lines of Fifth avenue to the point of beginning; said streets are specifically named in the contract.

Engineer's estimate of amount of work to be done:

60,000 square yards of asphalt pavement, including binder course.

100 cubic yards of Portland cement concrete.

The time allowed for doing and completing the above work will be one year from date of contract.

The amount of security required will be Fifteen Thousand Dollars.

No. 2. FOR REPAIRING AND MAINTAINING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, upon streets included within the following boundaries, and upon which the original guarantees of maintenance have expired or will expire during the term of this contract, viz.:

*Northeast District.*

Beginning at the East river and Twenty-third street; thence westerly along northerly side of Twenty-third street to the west side of Fifth avenue; thence northerly along the westerly side of Fifth avenue to One Hundred and Tenth street; thence westerly along the northerly side of One Hundred and Tenth street to Manhattan avenue; thence northerly along the westerly side of Manhattan avenue and Columbus avenue to One Hundred and Twenty-seventh street; thence easterly along the northerly side of One Hundred and Twenty-seventh street to St. Nicholas avenue; thence northerly along the westerly side of St. Nicholas place to One Hundred and Fifty-fifth street; thence easterly along the northerly side of One Hundred and Fifty-fifth street to Eighth avenue; thence northerly along the westerly side of Eighth avenue to the Harlem river, and thence southerly along the Harlem river and East river to the point of beginning; said streets are specifically named in the contract.

Engineer's estimate of amount of work to be done:

60,000 square yards of asphalt pavement, including binder course.

100 cubic yards of Portland cement concrete.

The time allowed for doing and completing the

above work will be one year from date of contract.

The amount of security required will be Fifteen Thousand Dollars.

No. 3. FOR REPAIRING AND MAINTAINING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, upon streets included within the following boundaries, and upon which the original guarantees of maintenance have expired or will expire during the term of this contract, viz.:

*Lower District.*

Northerly by the north line of Twenty-third street; easterly and southerly by the East river, and westerly by the North river, and specifically named in the contract.

55,000 square yards of asphalt pavement, including binder course.

100 cubic yards of Portland cement concrete.

The time allowed for doing and completing the above work will be one year from date of contract.

The amount of security required will be Twelve Thousand Five Hundred Dollars.

The contracts must be bid for separately and the bids will be compared and the contracts awarded at a lump or aggregate sum for each contract.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard, or other unit of measure, or article, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total.

Blank forms may be had and the plans and drawings may be seen at the office of the Commissioner of Public Works, Nos. 13 to 21 Park row, Bureau of Highways, Borough of Manhattan.

JOHN F. AHEARN,  
Borough President.

The City of New York, April 19, 1907.

a19,m1

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

## DEPARTMENT OF HEALTH.

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

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 9:45 o'clock a. m. on

TUESDAY, MAY 7, 1907,

FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERICCTING ALL THE MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE A FENCE AT THE KINGSTON AVENUE HOSPITAL, KINGSTON AVENUE AND FENMORE STREET, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is 100 consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan, City of New York.

THOMAS DARLINGTON, M. D.,  
President;

ALVAH H. DOTY, M. D.,  
THEODORE A. BINGHAM,  
Board of Health.

Dated April 23, 1907.

a23,m7

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

## DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1536, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

WEDNESDAY, MAY 8, 1907,

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING CORPORATION COCKS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is ninety (90) calendar days.

The amount of the security shall be Two Thousand Dollars (\$2,000).

FOR UNLOADING, HAULING, STORING AND TRIMMING 4,800 TONS OF COAL, REQUIRED FOR VARIOUS PUMPING STATIONS, AS FOLLOWS:

Section II.—For Aqueduct, Oconee, Morris Park, Baiseleys, Jameco, St. Albans and Springfield Pumping Stations, semi-bituminous coal.

The full period of the contract will be until July 30, 1907.

The amount of the security required will be One Thousand Dollars (\$1,000).

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.

The bids will be compared and contracts awarded to the lowest bidders in the aggregate.

Delivery will be required to be made from time to time and in such quantities and places as may be directed.

Blank forms may be obtained at the office of the Department of Water Supply, Gas and Electricity, the Borough of Manhattan, Nos. 13 to 21 Park row, and at Room 25, Municipal Building, Borough of Brooklyn.

JOHN H. O'BRIEN,  
Commissioner of Water Supply,  
Gas and Electricity.

The City of New York, April 25, 1907.

a26,m8

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

## DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1536, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

FRIDAY, APRIL 26, 1907,

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING PIG LEAD.

The time for delivery of the articles, materials and supplies and the performance of the contract is ninety (90) calendar days.

The amount of security shall be Four Thousand Dollars (\$4,000).

NO. 2. FOR FURNISHING AND DELIVERING COAL AND WOOD—

Section I.—370 GROSS TONS ANTHRACITE COAL.

Section II.—10 GROSS TONS BITUMINOUS COAL.

Section III.—70 CORDS VIRGINIA PINE WOOD.

Section IV.—40 GROSS TONS ANTHRACITE COAL.

The time for delivery of the articles, materials and supplies and the performance of the contract is until May 1, 1908.

The amount of security will be Fifty Thousand Dollars (\$50,000).

NO. 3. FOR FURNISHING AND DELIVERING COAL AND WOOD—

Section I.—370 GROSS TONS ANTHRACITE COAL.

Section II.—10 GROSS TONS BITUMINOUS COAL.

Section III.—70 CORDS VIRGINIA PINE WOOD.

Section IV.—40 GROSS TONS ANTHRACITE COAL.

The time for delivery of the articles, materials and supplies and the performance of the contract is until May 1, 1908.

The amount of security shall be Fifty Thousand Dollars (\$50,000).

NO. 4. FOR FURNISHING AND DELIVERING COAL AND WOOD—

Section I.—370 GROSS TONS ANTHRACITE COAL.

Section II.—10 GROSS TONS BITUMINOUS COAL.

Section III.—70 CORDS VIRGINIA PINE WOOD.

Section IV.—40 GROSS TONS ANTHRACITE COAL.

The time for delivery of the articles, materials and supplies and the performance of the contract is until May 1, 1908.

The amount of security shall be Fifty Thousand Dollars (\$50,000).

NO. 5. FOR FURNISHING AND DELIVERING COAL AND WOOD—

Section I.—370 GROSS TONS ANTHRACITE COAL.

Section II.—10 GROSS TONS BITUMINOUS COAL.

Section III.—70 CORDS VIRGINIA PINE WOOD.

Section IV.—40 GROSS TONS ANTHRACITE COAL.

The time for delivery of the articles, materials and supplies and the performance of the contract is until May 1, 1908.

The amount of security shall be Fifty Thousand Dollars (\$50,000).

NO. 6. FOR FURNISHING AND DELIVERING COAL AND WOOD—

Section

## DEPARTMENT OF PARKS.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, MAY 2, 1907,

Boroughs of Brooklyn and Queens, FOR FURNISHING AND DELIVERING LIMESTONE AND LIMESTONE SCREENINGS IN PARKS AND ON PARKWAYS, BOROUGHS OF BROOKLYN AND QUEENS.

The time allowed for the execution of the contract and the delivery of the material is during the year 1907.

The amount of security required is Three Thousand Dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Litchfield Mansion, Prospect Park, Brooklyn.

MOSES HERRMAN, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

a19,m2

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Park Board at the above office of the Department of Parks until 3 o'clock p. m. on

THURSDAY, MAY 2, 1907,

Borough of Brooklyn.

FOR FURNISHING AND SETTING UP COMPLETE ONE FLAGPOLE ON SHORE ROAD, BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is within thirty (30) consecutive working days.

The amount of security required is Five Hundred Dollars (\$500).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Litchfield Mansion, Prospect Park, Brooklyn.

MOSES HERRMAN, President; JOSEPH I. BERRY, MICHAEL J. KENNEDY, Commissioners of Parks.

a18,m2

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

## POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK, NO. 300 MULBERRY STREET.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED by the Police Commissioner of the Police Department of the City of New York at the Bookkeeper's office, Central Department, until 10 o'clock a. m. on

MONDAY, MAY 6, 1907.

FOR FURNISHING AND DELIVERING BLANK BOOKS, PRINTING, LITHOGRAPHY AND ENGRAVING.

The time of delivery shall not be later than June 30, 1907, except under the following conditions:

First—Delivery must be made not more than 30 days after the receipt of copy, if required by the Police Commissioner.

Second—Where revised copy is required by the character of the sample, all work shall be completed within 30 days after such revised copy is received from the Department by the Contractor.

The amount of security shall be twenty-five per cent. of the amount of the bid.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each item, and the Police Commissioner will award the contract for each item.

Delivery will be required to be made at Central Office, No. 300 Mulberry street, Borough of Manhattan (unless otherwise stated in specifications), from time to time and in such quantities as may be directed by the Police Commissioner.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Police Commissioner, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application thereto at the office of the Police Commissioner, and any further information can be obtained at the office of the Inspector of Repairs and Supplies, No. 300 Mulberry street, Borough of Manhattan.

THEODORE A. BINGHAM, Police Commissioner.

The City of New York, April 22, 1907.

a23,m6

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

## POLICE DEPARTMENT—CITY OF NEW YORK.

OWNERS WANTED BY THE PROPERTY OWNER OF THE POLICE DEPARTMENT OF THE CITY OF NEW YORK, NO. 300 MULBERRY STREET, ROOM NO. 9, FOR THE FOLLOWING PROPERTY, NOW IN HIS CUSTODY, WITHOUT CLAIMANTS: BOATS, ROPE, IRON, LEAD, MALE AND FEMALE CLOTHING, BOOTS, SHOES, WINE, BLANKETS, DIAMONDS, CANNED GOODS, LIQUORS, ETC.; ALSO SMALL AMOUNT OF MONEY TAKEN FROM PRISONERS AND FOUND BY PATROLMEN OF THIS DEPARTMENT.

THEODORE A. BINGHAM, Police Commissioner.

POLICE DEPARTMENT—CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE DEPUTY PROPERTY CLERK OF THE POLICE DEPARTMENT OF THE CITY OF NEW YORK—OFFICE, NO. 300 STATE STREET, BOROUGH OF BROOKLYN—for the following property, now in his custody, without claimants: BOATS, ROPE, IRON, LEAD, MALE AND FEMALE CLOTHING,

BOOTS, SHOES, WINE, BLANKETS, DIAMONDS, CANNED GOODS, LIQUORS, ETC.; ALSO SMALL AMOUNT OF MONEY TAKEN FROM PRISONERS AND FOUND BY PATROLMEN OF THIS DEPARTMENT.

THEODORE A. BINGHAM, Police Commissioner.

## MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, NO. 299 BROADWAY, NEW YORK, April 22, 1907.

PUBLIC NOTICE IS HEREBY GIVEN that applications will be received from Monday, April 22, until 4 p. m., Monday, May 6, 1907, for the position of STATIONARY ENGINEER (ELECTRIC PUMPING STATIONS).

The examination will be held on Monday, May 27, 1907, at 10 a. m.

The subjects and weights of the examination are as follows:

Technical ..... 5  
Experience ..... 4  
Mathematics ..... 1

The percentage required is 75 on the technical paper and 70 on all.

Candidates will be required to take charge of and operate the new high-pressure Fire Service Pumping Stations, using electric machinery and centrifugal pumps.

They must be familiar with the use and operation of high and low tension electric machinery and have had at least four years' experience as an apprentice or practical machinist, and at least three years' experience in handling high tension electric machinery.

The salary is \$1,500 per annum.

There will be six vacancies in Manhattan and six in Brooklyn.

The minimum age is 23 years.

FRANK A. SPENCER, Secretary.

a22,m6

MUNICIPAL CIVIL SERVICE COMMISSION, NO. 299 BROADWAY, NEW YORK, April 2, 1907.

PUBLIC NOTICE IS HEREBY GIVEN that applications will be received from TUESDAY, APRIL 2, UNTIL 4 P. M. THURSDAY, MAY 16, 1907, for the position of ASSISTANT ENGINEER (DESIGNER).

The examination will be held on

TUESDAY, JUNE 4, 1907,

at 10 a. m.

The subjects and weights of the examination are as follows:

Technical ..... 40  
Mathematics ..... 15  
Experience ..... 30  
Report ..... 15

The percentage required is 75 on the technical paper and 70 on all.

Candidates must have had at least five years' experience, part of which should have been in water-work designing and construction. Graduation from a technical school of recognized standing will be accepted as the equivalent of two years' experience.

The examination is open to all citizens of the United States, and the rule requiring that two of the vouchers for candidates residing outside of The City of New York must be residents of The City of New York is waived for this examination.

The salary is \$2,100 per annum and up.

A number of vacancies exist in the Board of Water Supply.

The minimum age is 25 years.

FRANK A. SPENCER, Secretary.

a21,4

MUNICIPAL CIVIL SERVICE COMMISSION, NO. 299 BROADWAY, NEW YORK, March 11, 1907.

PUBLIC NOTICE IS HEREBY GIVEN that applications will be received from MONDAY, MARCH 11, UNTIL 4 P. M. WEDNESDAY, APRIL 24, 1907, for the position of ASSISTANT ENGINEER IN CHARGE OF SECTION, BOARD OF WATER SUPPLY.

The examination will occupy two days and will be held on

WEDNESDAY AND THURSDAY, MAY 8 AND 9, 1907,

at 10 a. m.

The subjects and weights of the examination are as follows:

Technical ..... 40  
Experience ..... 30  
Mathematics ..... 10  
Report ..... 20

The percentage required is 75 on the technical paper and 70 on all.

Appointments will be made for work outside of the City.

Certification will be made to the Board of Water Supply only. There will probably be a number of appointments.

The examination is open to all citizens of the United States.

The salary is \$2,400 per annum and over.

Ten years' experience is necessary. Graduation from a technical school of recognized standing will count as two years' experience. A candidate must show at least two years of experience in charge of work or in a position in which he had some authority or responsibility.

Statements of such experience will be subject to publication and must be furnished to the Board of Water Supply.

In submitting statement of experience a candidate must show just what his connection has been with each piece of work and just what measure of responsibility rested upon him.

The minimum age is 28 years.

FRANK A. SPENCER, Secretary.

m15,m8

MUNICIPAL CIVIL SERVICE COMMISSION, NO. 299 BROADWAY, NEW YORK, March 13, 1907.

PUBLIC NOTICE IS HEREBY GIVEN that applications will be received from WEDNESDAY, MARCH 13, UNTIL 4 P. M. MONDAY, MAY 13, for the position of

TOPOGRAPHICAL DRAUGHTSMAN.

The examination will be held on

WEDNESDAY, MAY 29, 1907,

at 10 a. m.

The subjects and weights of the examination are as follows:

Technical ..... 5  
Experience ..... 2  
Mathematics ..... 2  
Neatness ..... 1

The percentage required is 75 on the technical paper and 70 on all.

The examination is open to all citizens of the United States.

Vacancies exist in the Board of Water Supply. Certification will be made for appointment at \$1,200 per annum only.

The minimum age is 21 years.

FRANK A. SPENCER, Secretary.

m13,m8

MUNICIPAL CIVIL SERVICE COMMISSION, NO. 299 BROADWAY, NEW YORK, March 12, 1907.

PUBLIC NOTICE IS HEREBY GIVEN that applications will be received from TUESDAY, MARCH 12, UNTIL 4 P. M. THURSDAY, APRIL 18, 1907, for the position of

MECHANICAL DRAUGHTSMAN (SANITARY).

The examination for Mechanical Draughtsmen (HEATING AND VENTILATING) will be held on Tuesday, April 23; (ELECTRICAL) on Thursday, April 25, and (SANITARY) on Friday, April 26, 1907, at 10 a. m.

The subjects and weights of the examination are as follows:

Technical ..... 5  
Experience ..... 2  
Mathematics ..... 2  
Neatness ..... 1

The percentage required is 75 on the technical paper and 70 on all.

Candidates will be required to take charge of and operate the new high-pressure Fire Service Pumping Stations, using electric machinery and centrifugal pumps.

They must be familiar with the use and operation of high and low tension electric machinery and have had at least four years' experience as an apprentice or practical machinist, and at least three years' experience in handling high tension electric machinery.

The salary is \$1,500 per annum.

There will be six vacancies in Manhattan and six in Brooklyn.

The minimum age is 21 years.

FRANK A. SPENCER, Secretary.

m12,m9

MUNICIPAL CIVIL SERVICE COMMISSION, NO. 299 BROADWAY, CITY OF NEW YORK.

PUBLIC NOTICE WILL BE GIVEN OF all competitive examinations two weeks in advance of the date upon which the receipt of applications for any scheduled examination will close. Applications will be received for only such examinations as are scheduled.

When an examination is advertised, a person desiring to compete in the same may obtain an application blank upon request made in writing or by personal application at the office of the Commission.

All notices of examinations will be posted in the office of the Commission, City Hall, Municipal Building, Brooklyn, and advertised in the CITY RECORD for two weeks in advance of the date upon which the receipt of applications will close for any stated position.

Public notice will also be given by advertisement in most of the City papers.

Wherever an examination is of a technical character, due notice is given by advertisement in the technical journals appertaining to the particular profession for which the examination is called.

Such notices will be sent to the daily papers as matters of news, and to the General Post-office and stations thereof. The scope of the examination will be stated, but for more general information application should be made at the office of the Commission.

Unless otherwise specifically stated, the minimum age requirement for all positions is 21.

WILLIAM F. BAKER, President; R. ROSS APPLETON, ALFRED J. TALLEY, Commissioners.

FRANK A. SPENCER, Secretary.

12-24-03

## FIRE DEPARTMENT.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET,



gether by the contractor and burned or carried away. The purchaser at the sale shall also shut off and cap all water pipes, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Failure to remove said buildings and appurtenances, or any portion thereof, within sixty days from the day of sale, will work forfeiture of ownership of such buildings or appurtenances or portion as shall then be left standing, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and the said 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 sixty days from the day of sale, 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 damages 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 the said buildings by the said successful bidder.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down, but all furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls shall be taken down and removed. The walls shall be made permanently self-supporting without the aid of braces, the beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs of the adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operation of the contractor.

The Comptroller of The City of New York reserves the right on the day of the sale to withdraw from sale any of the buildings or parts of buildings and machinery included in the foregoing parcel, and to reject any or all bids.

H. A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, April 22, 1907.

a26,m3

**CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE.**

WILLIAM H. SMITH, Auctioneer.

**A**T THE REQUEST OF THE PRESIDENT of the Borough of Brooklyn, 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 buildings, parts of buildings, etc., standing within the lines of property owned by The City of New York, acquired for street purposes, in the Borough of Brooklyn, being the buildings situated on Sixteenth street, extending from Flatbush line to Eighty-fourth street, Borough of Brooklyn, more particularly described on a map on file in the office of the Collector of City Revenue, Department of Finance, Room 141, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 17, 1907, the sale of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**MONDAY, MAY 6, 1907,**

at 12:30 p. m., on the premises upon the following

**TERMS AND CONDITIONS.**

It being understood that the purchasers, at the time of the auction sale, when the said bid is accepted by the City, shall execute a contract with The City of New York for the proper compliance with these terms and conditions, which contract shall provide for liquidated damages at so much per day for each and every day the removal of the buildings, etc., remains incomplete, after the expiration of sixty days from the day of sale. A copy of said contract is on file in the office of the Collector of City Revenue, Department of Finance, Room 141, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 17, 1907, the sale of the above described buildings and the appurtenances thereto, will be held by direction of the Comptroller on

**MONDAY, MAY 6, 1907,**

at 12 m. on the premises, upon the following

**TERMS AND CONDITIONS.**

It being understood that the purchasers, at the time of the auction sale, when the said bid is accepted by the City, shall execute a contract with The City of New York for the proper compliance with these terms and conditions, which contract shall provide for liquidated damages at so much per day for each and every day the removal of the buildings, etc., remains incomplete, after the expiration of sixty days from the day of sale. A copy of said contract is on file in the office of the Collector of City Revenue, Department of Finance, Room 141, No. 280 Broadway, Borough of Manhattan.

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check drawn to the order of the Comptroller of The City of New York, and must either give a cash bond or an approved bond of a surety company in the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale and of the contract.

All the buildings, structures and parts thereof, their fixtures and foundations, of every class and description, within the described area, are to be torn down to a level two feet below the existing curb, and structures which may exist within any of the buildings, such as engine beds, boiler setting, etc., and all stoops and area walls shall be torn down to the same level. All partitions, sheds and fences shall be removed from the premises. All brick laid in mortar, all floor beams, joists, studdings, flooring, ceiling, roofing, boards and woodwork of every description, and all gas, water, steam and soil piping shall be removed from the premises. All combustible matter, such as tar and felt roofing, broken laths and fragments of timber, chips, splinters, etc., which are of no value, shall be gathered together by the contractor and burned or carried away. The purchaser at the sale shall also shut off and cap all water pipes, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Failure to remove said buildings and appurtenances, or any portion thereof, within sixty days from the day of sale, will work forfeiture of ownership of such buildings or appurtenances or portion as shall then be left standing, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and the said 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 sixty days from the day of sale, 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 damages 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 the said buildings by the said successful bidder.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down, but all furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls shall be taken down and removed. The walls shall be made permanently self-supporting without the aid of braces, the beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs of the adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operation of the contractor.

The Comptroller of The City of New York reserves the right on the day of the sale to withdraw from sale any of the buildings or parts of buildings and machinery included in the foregoing parcel, and to reject any or all bids.

H. A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, April 22, 1907.

a26,m6

**CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE.**

**A**T THE REQUEST OF THE BOARD OF EDUCATION, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale at public auction all of the buildings, parts of buildings, etc., standing upon property owned by The City of New York, acquired for school purposes, in the Borough of Manhattan, being situated upon land more particularly described as follows:

Beginning at a point formed by the intersection of the southerly line of Oak street with the easterly line of James street, and running thence southerly along the easterly line of James street 178 feet 5 inches; thence easterly and parallel or nearly so with Oak street 100 feet 9 inches to the westerly line of lands of Public School 114; thence northerly along the westerly line of lands of Public School 114 49 feet 4 inches, more or less; thence again easterly and along the northerly line of the lands of said Public School 114 100 feet 5 inches to the westerly line of Oliver street; thence northerly along the westerly line of Oliver street 119 feet 78 inches to the southerly line of Oak street; thence westerly along the southerly line of Oak street 201 feet 4 inches to the easterly line of James street, the point or place of beginning.

The sale will take place pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held April 17, 1907. The sale of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

**WEDNESDAY, MAY 8, 1907,**

at 11 a. m., on the premises, upon the following

**TERMS AND CONDITIONS.**

It being understood that the purchasers, at the time of the auction sale, when the said bid is accepted by the City, shall execute a contract with The City of New York for the proper compliance with these terms and conditions, which contract shall provide for liquidated damages at so much per day for each and every day the removal of the buildings, etc., remains incomplete, after the expiration of sixty days from the day of sale. A copy of said contract is on file in the office of the Collector of City Revenue, Department of Finance, Room 141, No. 280 Broadway, Borough of Manhattan.

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check drawn to the order of the Comptroller of The City of New York, and must either give a cash bond or an approved bond of a surety company in the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale and of the contract.

All the buildings, structures and parts thereof, their fixtures and foundations, of every class and description, within the described area, are to be torn down to a level two feet below the existing curb, and structures which may exist within any of the buildings, such as engine beds, boiler setting, etc., and all stoops and area walls shall be torn down to the same level. All partitions, sheds and fences shall be removed from the premises. All brick laid in mortar, all floor beams, joists, studdings, flooring, ceiling, roofing, boards and woodwork of every description, and all gas, water, steam and soil piping shall be removed from the premises. All combustible matter, such as tar and felt roofing, broken laths and fragments of timber, chips, splinters, etc., which are of no value, shall be gathered together by the contractor and burned or carried away. The purchaser at the sale shall also shut off and cap all water pipes, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Failure to remove said buildings and appurtenances, or any portion thereof, within sixty days from the day of sale, will work forfeiture of ownership of such buildings or appurtenances or portion as shall then be left standing, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and the said 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 sixty days from the day of sale, 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 damages 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 the said buildings by the said successful bidder.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down, but all furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls shall be taken down and removed. The walls shall be made permanently self-supporting without the aid of braces, the beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs of the adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operation of the contractor.

The Comptroller of The City of New York reserves the right on the day of the sale to withdraw from sale any of the buildings or parts of buildings and machinery included in the foregoing parcel, and to reject any or all bids.

H. A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, April 22, 1907.

a26,m8

**NOTICE TO PROPERTY OWNERS.**

**I**N 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 AND THIRD WARDS.**

FLAGGING AND CURBING AND LAYING CEMENT SIDEWALKS ON LIVERMORE AVENUE, west side, between Waters avenue and Watchogue road; on LIVERMORE AVENUE, east side, between Leonard and Lathrop avenues, west side, between Garrison and Lathrop avenues; on BIDWELL AVENUE, east side, between Waters avenue and Columbus place,

east side, between Lathrop and Leonard avenues; on ST. JOHN'S AVENUE, west side, between Waters avenue and Watchogue road, east side, between Leonard and Waters avenues and between Lathrop and Leonard avenues; on DEEMS AVENUE, southeast corner of Leonard avenue; on LEONARD AVENUE, south side, between Willard and St. John's avenue, and north side, and between C. B. Fish and Deems avenues; on NEAL DOW AVENUE, west side, between Leonard and Waters avenues, and east side, between Lathrop and Leonard avenues; on DICKIE AVENUE, east side, between Leonard and Waters avenues, and west side, between Leonard and Lathrop avenues; on LATHROP AVENUE, south side, between Bidwell and Demarest avenues, and southwest corner of St. John's avenue and north-west corner of Wardwell avenue; on DEMOREST AVENUE, west side, between Lathrop and Leonard avenues; on GARRISON AVENUE, at southeast corner of Livermore avenue; on C. B. FISH AVENUE, west side, between Main avenue and Woodbridge place; on CARY AVENUE, north side, between West and Caroline streets, and south side, between Caroline and Elizabeth streets and between Taylor and Columbia streets; on ELIZABETH STREET, east side, between Prospect and Cary avenues; on HATFIELD AVENUE, north and south sides, between Elm street and Nicholas avenue; on JOHN'S STREET, east side, between Innis street and railroad tracks; on FRANKLIN AVENUE, east side, at Richmond terrace; on RICHMOND TERRACE, south side, at Franklin avenue, and on POST AVENUE, south side, between Dubois and Jewett avenues. Area of assessment: Northwest corner of Livermore street and Watchogue road; east side of Bidwell avenue, 80 feet south of Waters street; west side of St. John avenue, 40 feet south of Waters avenue; south side of Washington place, between Jewett avenue and Wardwell avenue, Lots Nos. 342, 353, 354 and 355, of Block 6; southwest corner of Leonard and Deems avenues; southwest corner of St. John avenue, 120 feet south of Leonard avenue; west side of Neal Dow avenue, 40 feet south of Leonard avenue; east side of Dickie avenue, 80 feet south of Leonard avenue; east side of Livermore avenue and west side of Dickie avenue, 80 feet south of Lathrop avenue; southwest corner of Lathrop and Demarest avenues and lot adjoining on Demarest avenue; east side of Bidwell avenue, 80 feet north of Leonard avenue; northeast corner of Neal Dow avenue and Leonid avenue; east side of Neal Dow avenue, 120 feet south of Lathrop avenue; and southwest corner of Lathrop and St. John avenues; east side of St. John avenue, between Leonard and Lathrop avenues; northeast and northwest corners of Wardwell and Leonard avenues; southwest corner of Main and Wardwell avenues and lot adjoining on Main avenue; southeast corner of Livermore and Garrison avenues, and northwest corner of Lathrop and Dickie avenues; west side of Livermore avenue, between Lathrop and Garrison avenues; southeast corner of Willard and Main avenues; west side of C. B. Fish avenue, 40 feet south of Main avenue; northeast corner of Main avenue and C. B. Fish avenue, and northwest corner of Main and Wardwell avenues; northwest corner of Main avenue and Post avenue; southwest corner of Michigan avenue and New York place; southwest corner of College avenue and New York place; and lot adjoining on College avenue; north side of Cary avenue, between West and Caroline streets; south side of Cary avenue, between Cary and Elizabeth streets; both sides of Elizabeth street, between Cary avenue and Prospect avenue, on Lots Nos. 36, 38 and 40, of Block 3, and Lot No. 7, of Block 7; south side of Cary avenue, from Roe street to Taylor street; south side of Cary avenue, from Taylor street to a point about 275 feet westerly; both sides of Hatfield avenue, between Lafayette avenue and Elm street; both sides of Hatfield avenue, between Lafayette avenue and Nicholas avenue, on Lots Nos. 796, 797, 798 and 800, of Block 56; Lot No. 783, of Block 55; Lots Nos. 643, 655 and 658, of Block 48; east side of John street, between Innis street and railroad tracks; southeast corner of Franklin avenue and Richmond terrace; southeast corner of Post avenue and Dubois avenue; southwest corner of Greenleaf avenue and Post avenue; south side of Post avenue, from Dubois avenue to a point about 195 feet westerly.

—that the same were confirmed by the Board of Assessors April 23, 1907, and entered on April 23, 1907, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per cent 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 of Water Rents, at Borough Hall, St. George, Borough of Richmond, between the hours of 9 a. m. to 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 22, 1907, 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 cent per annum from the date when above assessment became a lien to the date of payment.

HERMAN A. METZ,  
Comptroller.

City of New York, Department of Finance,  
Comptroller's Office, April 23, 1907.

a25,m8

**NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.**

**I**N PURSUANCE OF SECTION 1005 OF THE GREATER NEW YORK CHARTER, THE COMPTROLLER OF THE CITY OF NEW YORK HEREBY GIVES PUBLIC NOTICE OF THE CONFIRMATION BY THE SUPREME COURT, AND THE ENTERING IN THE BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF THE ASSESSMENT FOR OPENING AND ACQUIRING TITLE TO THE FOLLOWING-NAMED STREET IN THE BOROUGH OF THE BRONX:



centum per annum from the date when such assessments became liens to the date of payment.

HERMAN A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, April 16, 1907.

a18,m1

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 assessments for OPENING AND ACQUIRING TITLE to the following-named street and place in the BOROUGH OF THE BRONX:

TWENTY-THIRD AND TWENTY-FOURTH  
WARDS, SECTIONS 9 AND 11.

EAST ONE HUNDRED AND SEVENTIETH  
STREET—OPENING, from Jerome avenue to the western approach of the Concourse and from the eastern approach to the Concourse to Morris avenue. Confirmed April 12, 1906; August 31, 1906, and March 21, 1907; entered April 15, 1907. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of the Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point formed by the intersection of the westerly line of Boscombe avenue with a line parallel to and 100 feet northeasterly from the northeasterly line of West One Hundred and Sixty-ninth street; running thence northeasterly along said parallel line to its intersection with the middle line of the blocks between Shakespeare avenue and Nelson avenue; thence northeasterly along said middle line to its intersection with the northwesterly prolongation of a line parallel to and 100 feet northeasterly from the northeasterly line of Jessup place; thence southeasterly along said prolongation and parallel line and its southeasterly prolongation to its intersection with a line parallel to and 100 feet northwesterly from the northwesterly line of Cromwell avenue; thence northeasterly along said parallel line to its intersection with the middle line of Jessup place; thence southeasterly along said prolongation and parallel line and its southeasterly prolongation to its intersection with a line parallel to and 100 feet northwesterly from the northwesterly line of Cromwell avenue; thence northeasterly along said parallel line to its intersection with the middle line of the block between Jerome avenue and Inwood avenue; thence southwesterly along said middle line to its intersection with the middle line of the block between West One Hundred and Seventy-second street and Macomb's road; thence southeasterly along said last-mentioned middle line to its intersection with the northwesterly line of Jerome avenue; thence easterly in a straight line to a point formed by the intersection of the southeasterly line of Jerome avenue with the middle line of the blocks between East One Hundred and Seventy-first street and East One Hundred and Seventy-second street; thence southeasterly along said middle line of the blocks and its prolongation to its intersection with a line parallel to and 100 feet southeasterly from the southeasterly line of Teller avenue; thence southwesterly along said parallel line to its intersection with the southeasterly prolongation of the middle line of the blocks between Marcy place and Clarke place; thence northwesterly along said prolongation and middle line and its northwesterly prolongation to its intersection with the northwesterly line of Cromwell avenue; thence westerly to the point or place of beginning.

TWENTY-THIRD AND TWENTY-FOURTH  
WARDS, SECTION 11.

SEABURY PLACE—OPENING, from Charlotte street to Boston road. Confirmed March 25, 1907; entered April 15, 1907. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the intersection of the middle line of the block between Stebbins avenue and Wilkins place with a line parallel to and distant 100 feet southerly from the southerly side of East One Hundred and Seventieth street; running thence easterly along the last-mentioned parallel line to its intersection with the middle line of the block between Wilkins place and Charlotte street; thence southerly along the middle line of the block between Wilkins place and Charlotte street and its prolongation southwardly to its intersection with a line parallel to and distant 100 feet southerly from the southerly side of Jennings street; thence easterly along the last-mentioned parallel line to its intersection with the southerly prolongation of a line parallel to and distant 100 feet easterly from the easterly side of Minford place; thence northerly along the last-mentioned middle line of the block to its intersection with the middle line of the block between Jennings street and East One Hundred and Seventy-second street; thence easterly along the last-mentioned middle line of the block to its intersection with the middle line of the block between the Southern Boulevard and Hoe street; thence northerly along the last-mentioned middle line of the block to its intersection with the middle line of the block between East One Hundred and Seventy-second street and East One Hundred and Seventy-third street; thence westerly along the last-mentioned middle line of the block to its intersection with a line parallel to and distant 100 feet easterly from the easterly side of Minford place; thence northerly along the last-mentioned parallel line to its intersection with a line parallel to and distant 100 feet southerly from the southerly side of Boston road; thence northeasterly along the last-mentioned parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly side of East One Hundred and Seventy-third street; thence westerly along the last-mentioned parallel line to its intersection with a line parallel to and distant 100 feet northwesterly from the northwesterly side of the Boston road; thence southwesterly along the last-mentioned parallel line to its intersection with the northwesterly prolongation of the middle line of the block between East One Hundred and Seventy-second street and Charlotte street; thence southeasterly along the last-mentioned northwesterly prolongation and middle line of the block to a point midway between Boston road on the northwest and Seabury place on the southeast; thence southwesterly at a right angle to the middle line of the block between East One Hundred and Seventy-second street and Charlotte street to its intersection with the middle line of the block between Charlotte street and Wilkins place; thence southeasterly along the last-mentioned middle line of the block to its intersection with a line parallel to and distant 100 feet northerly from the northerly side of East One Hundred and Seventieth street; thence westerly along the last-mentioned parallel line to its intersection with the middle line of the block between Stebbins avenue and Wilkins place; thence southerly along the last-mentioned middle line of the block 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. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before June 14, 1907, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum, from the date when above assessments became liens to the date of payment.

HERMAN A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, April 15, 1907.

a17,30

CORPORATION SALE OF BUILDINGS, MA-  
CHINERY AND APPURTENANCES  
THERETO ERECTED UPON PROPERTY  
OWNED BY THE CITY OF NEW YORK.

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 at public auction the buildings, parts of buildings, machinery and appurtenances thereto, standing upon property owned by The City of New York, acquired for the use of the terminal for the Manhattan side of the Brooklyn Bridge, the said buildings being situated in the

Borough of Manhattan.

and being more particularly within the area of the following known property:

All of the buildings situated upon land within the area of the block bounded by the northerly side of Tryon row, the westerly side of Centre street, the southerly side of Chambers street and the northerly side of Park row, in the Borough of Manhattan, all of which property is situated in Block 121 on the land map of the County of New York.

Also all of the buildings situated within the area of the block bounded by the southeasterly side of Park row, the westerly side of North William street and the northerly side of the Brooklyn Bridge, Borough of Manhattan, all of which property is situated in Block 121 on the land map of the County of New York.

Also all of the buildings situated within the area of the block bounded by the northerly side of Reade street, the easterly side of Centre street and the southerly and southwesterly sides of Duane street, in the Borough of Manhattan, all of which property is situated in Block 158 on the land map of the County of New York.

Pursuant to a resolution of the Commissioners of the Sinking Fund adopted at a meeting held February 20, 1907, the sale of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

THURSDAY, MAY 2, 1907,

at 11 a. m., on the premises, upon the following

TERMS AND CONDITIONS.

It being understood that the purchasers, at the time of the auction sale, when the said bid is accepted by the City, shall execute a contract with The City of New York for the proper compliance with these terms and conditions, which contract shall provide for liquidated damages at so much per day for each and every day the removal of the buildings, etc., remains incomplete after the expiration of sixty days from the day of sale. A copy of said contract is on file in the office of the Collector of City Revenue, Department of Finance, Room 141, No. 280 Broadway, Borough of Manhattan.

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check, drawn to the order of the Comptroller of The City of New York, and must either give a cash bond or an approved bond of a surety company for the faithful performance of the terms and conditions of the sale and of the contract.

All the buildings, structures and parts thereof, their fixtures and foundations of every class and description within the described area are to be torn down to a level two feet below the existing curb, and structures which may exist within any of the buildings, such as engine beds, boiler setting, etc., and all stoops and area walls shall be torn down to the same level. All partitions, sheds and fences shall be removed from the premises. All brick laid in mortar, all floor beams, joists, studdings, flooring, ceiling, roofing, boards and woodwork of every description, and all gas, water, steam and soil piping shall be removed from the premises. All combustible material, such as tar and felt roofing, broken laths and fragments of timber, chips, splinters, etc., which are of no value, shall be gathered together by the contractor and burned or carried away. The purchaser at the sale shall also shut off and cap all water pipes, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Failure to remove said buildings and appurtenances, or any portion thereof, within sixty days from the day of sale, will work forfeiture of ownership of such buildings or appurtenances or portion as shall then be left standing, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and the said 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 sixty days from the day of sale, 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 damages 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 the said buildings by the said successful bidder.

Party walls and fences when existing against adjacent property not sold shall not be taken down, but all furring, plaster, chimneys, projecting brick, etc., on the faces of such party walls shall be taken down and removed. The walls shall be made permanently self-supporting without the aid of braces, the beam holes, etc., bricked up and the wall pointed and made to exclude wind and rain and present a clean ex-

terior. The roofs of the adjacent buildings shall be properly flashed and painted and made water-tight where they have been disturbed by the operation of the contractor.

The Comptroller of The City of New York reserves the right on the day of the sale to withdraw from sale any of the buildings or parts of buildings and machinery included in the foregoing parcel.

H. A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, April 12, 1907.

a17,m1

CORPORATION SALE OF TAX CERTIFI-  
CATE.

PUBLIC NOTICE IS HEREBY GIVEN  
that the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

MONDAY, MAY 20, 1907,

at 12 o'clock m., at the Comptroller's office, No. 280 Broadway, Borough of Manhattan, City of New York, all the right, title and interest of The City of New York in and to a certain tax sale certificate, registered in the office of the Collector of Assessments and Arrears, Borough of Brooklyn, in Liber 83 of Sales, by the certificate number 1149. The minimum or upset price at which said certificate is to be sold is hereby appraised and fixed at \$200, and the Comptroller is hereby authorized to take the necessary steps for making such sale upon the following

TERMS AND CONDITIONS.

The highest bidder will be required to pay the full amount due on said certificate as purchase money at the time of the sale, which sum shall not be less than Two Hundred Dollars (\$200), and in addition thereto the purchaser shall pay the sum of \$15 for the auctioneer's fees on such sale.

Upon the payment of the amount bid at such sale, together with the auctioneer's fees, the Comptroller is hereby authorized to execute and deliver an assignment of the said certificate to the purchaser, which shall be taken by the purchaser without recourse.

The Comptroller may at his option resell the certificate if the successful bidder shall fail to comply with the terms of the sale, and the person failing to comply therewith will be held liable for the cost and expense of any such resale.

The right to reject any bid is reserved.

By order of the Commissioners of the Sinking Fund, under resolution adopted at a meeting of the Board held April 3, 1907.

H. A. METZ, Comptroller.  
City of New York, Department of Finance,  
Comptroller's office, April 11, 1907.

a12,m20

CORPORATION SALE OF TAX CERTIFI-  
CATE.

PUBLIC NOTICE IS HEREBY GIVEN  
that the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

MONDAY, MAY 20, 1907,

at 12 o'clock m., at the Comptroller's Office, No. 280 Broadway, Borough of Manhattan, City of New York, all the right, title and interest of The City of New York in and to a certain tax sale certificate of property located in the former Fourth Ward of the Borough of Brooklyn, known as Lot No. 27 in Block 37 (now Lot No. 33 in Block 1141), said certificate being registered in the office of the Collector of Assessments and Arrears in Liber 83 of Tax Sales by the Certificate No. 1299; the minimum or upset price at which said certificate is to be sold is hereby appraised and fixed at one thousand dollars (\$1,000), and the Comptroller is hereby authorized to take the necessary steps for making such sale upon the following

TERMS AND CONDITIONS.

The buildings and appurtenances thereto will be sold to the highest bidder, who must pay immediately cash or a certified check, drawn to the order of the Comptroller of The City of New York, and must either give a cash bond or an approved bond of a surety company for the faithful performance of the terms and conditions of the sale and of the contract.

All the buildings, structures and parts thereof, their fixtures and foundations of every class and description, within the described area, are to be torn down to a level two feet below the existing curb, and structures which may exist within any of the buildings, such as engine beds, boiler setting, etc., and all stoops and area walls shall be torn down to the same level. All partitions, sheds and fences shall be removed from the premises. All brick laid in mortar, all floor beams, joists, studdings, flooring, ceiling, roofing, boards and woodwork of every description, and all gas, water, steam and soil piping shall be removed from the premises. All combustible material, such as tar and felt roofing, broken laths and fragments of timber, chips, splinters, etc., which are of no value, shall be gathered together by the contractor and burned or carried away. The purchaser at the sale shall also shut off and cap all water pipes, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity.

Failure to remove said buildings and appurtenances, or any portion thereof, within sixty days from the day of sale will work forfeiture of ownership of such buildings or appurtenances or portion as shall then be left standing, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and the said 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 sixty days from the day of sale, 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 damages 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 the said buildings by the said successful bidder.

Party walls and fences when existing against adjacent property not sold shall not be taken down, but all furring, plaster, chimneys, projecting brick, etc., on the faces of such party walls shall be taken down and removed. The walls shall be made permanently self-supporting without the aid of braces, the beam holes, etc., bricked up and the wall pointed and made to exclude wind and rain and present a clean ex-

terior. The roofs of the adjacent buildings shall be properly flashed and painted and made water-tight where they have been disturbed by the operation of the contractor.

The Comptroller of The City of New York reserves the right on the day of the sale to withdraw from sale any of the buildings or parts of buildings and machinery included in the foregoing parcel.

H. A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, April 11, 1907.

a12,m20

PUBLIC NOTICE.

CITY OF NEW YORK, DEPARTMENT OF FINANCE,  
COMPTROLLER'S OFFICE.

To Whom it May Concern:

WHEREAS, THERE ARE CERTAIN UN-  
redeemed sales of December 20, 1894, to  
the former Town of New Utrecht, County of  
Kings, for the assessment for the

"OPENING AND GRADING OF SIXTY-FIFTH  
STREET"

affecting property in the Thirtieth Ward of the Borough of Brooklyn, public notice is hereby given that upon proper verified application being filed with the Comptroller of The City of New York, on or before

FRIDAY, MAY 10, 1907,

&lt;p

The Transfer Books thereof will be closed from April 15 to May 1, 1907.

The interest due on May 1, 1907, on the Coupon Bonds and Stock of the present and former City of New York will be paid on that day by the Knickerbocker Trust Company, No. 66 Broadway.

The interest due on May 1, 1907, on coupon bonds of other corporations now included in the City of New York will be paid on that day at the office of the Comptroller.

HERMAN A. METZ,  
Comptroller.

City of New York—Department of Finance,  
Comptroller's Office, March 25, 1907.

m26,mar

DEPARTMENT OF FINANCE, CITY OF NEW YORK,  
December 14, 1906.

UNTIL FURTHER NOTICE AND UNLESS otherwise directed in any special case surely 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.

Two companies on a bond up to \$125,000.

Three companies on a bond up to \$200,000.

Asphalt, Asphalt Block and Wood Block Pavements—

Two companies on a bond up to \$50,000.

Three companies on a bond up to \$125,000.

Regulating, Grading, Paving, Sewers, Water Mains, Dredging, Construction of Parks, Parkways, Etc.—

One company on a bond up to \$25,000.

Two companies on a bond up to \$75,000.

Three companies on a bond up to \$150,000.

Four companies on a bond up to \$250,000.

New Docks, Buildings, Bridges, Aqueducts, Tunnels, Etc.—

One company on a bond up to \$25,000.

Two companies on a bond up to \$75,000.

Three companies on a bond up to \$150,000.

Four companies on a bond up to \$250,000.

Repairs, Ventilating, Heating, Plumbing, Etc.—

One company on a bond up to \$25,000.

Two companies on a bond up to \$75,000.

Three companies on a bond up to \$150,000.

Four companies on a bond up to \$250,000.

On bonds regarded as hazardous risks additional surety will be required as the Comptroller sees fit in each instance.

All bonds exceeding \$250,000 will by that fact alone be considered hazardous risks, no matter what the nature of the work.

H. A. METZ,  
Comptroller.

## DEPARTMENT OF CORRECTION.

OFFICE OF THE DEPARTMENT OF CORRECTION, NO. 148 EAST TWENTIETH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m. on

TUESDAY, APRIL 30, 1907,

Borough of Manhattan.

No. 1. FOR FURNISHING ALL LABOR AND MATERIAL REQUIRED TO RUN NEW UNDERGROUND FEEDER CABLES FOR LAMPS AND BUILDINGS ON HILL, AND INSTALL A NEW SYSTEM OF ELECTRIC WIRING FOR SUPPLYING ELECTRIC LIGHT IN THE SEVERAL BUILDINGS, ETC., ON HART'S ISLAND, NEW YORK.

The time for the completion of the work and the full performance of the contract is by or before 150 consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of bid or estimate.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Correction, the Borough of Manhattan, No. 148 East Twentieth street.

JOHN V. COGGEY,  
Commissioner.

Dated April 12, 1907.

a18,30

See General Instructions to Bidders on the last page, last column, of the "City Record."

## BOARD MEETINGS.

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.

The Commissioners of the Sinking Fund meet in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.

N. TAYLOR PHILLIPS,  
Deputy Comptroller, Secretary.

The Board of City Record meet in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.

PATRICK J. TRACY,  
Supervisor, Secretary.

## DEPARTMENT OF DOCKS AND FERRIES.

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m. on

MONDAY, MAY 6, 1907,

Borough of Manhattan.

CONTRACT NO. 1061.

FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR FURNISHING AND DELIVERING STATIONERY AND MISCELLANEOUS OFFICE SUPPLIES.

The time for the completion of the work and the full performance of the contract is on or before the expiration of sixty calendar days.

The amount of security required is:

Class 1—Secretary's office supplies and stationery \$1,200 00

Class 2—Engineer-in-Chief's office supplies and stationery 1,400 00

Class 3—Draughting supplies and stationery 1,100 00

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, gross, dozen, box or other unit of measure. The extensions must be made and

footed up, as the bids will be read from the total for each item (class) and awards made to the lowest bidder on each item (class).

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

J. A. BENSEL,  
Commissioner of Docks.

Dated April 22, 1907.

a23,m6

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m. on

FRIDAY, MAY 3, 1907,

CONTRACT NO. 1063.

FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR REPAIRING THE MUNICIPAL FERRYBOATS OR OTHER FLOATING PROPERTY OF THE DEPARTMENT, AND FURNISHING AND DELIVERING MISCELLANEOUS SUPPLIES THEREFOR.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 365 calendar days.

The amount of security required is Fifty Thousand Dollars.

The bidder will state the price for each class contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of said Department.

J. A. BENSEL,  
Commissioner of Docks.

Dated April 19, 1907.

a22,m3

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m. on

MONDAY, APRIL 29, 1907,

Borough of Brooklyn.

CONTRACT NO. 1068.

FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR FURNISHING AND DELIVERING ABOUT 10,000 TONS OF ANTHRACITE COAL.

The time for the completion of the work and the full performance of the contract is on or before the expiration of ninety calendar days.

The amount of security required is Fourteen Thousand Dollars.

The bidder will state the price per ton, by which the bids will be tested.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said department.

J. A. BENSEL,  
Commissioner of Docks.

Dated April 15, 1907.

a16,29

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," NORTH RIVER, NEW YORK, March 31, 1904.

THE COMMISSIONER HAS FIXED THE amounts of bonds required on contracts awarded by this Department, as follows:

On all contracts for supplies, 40 per cent. of the estimated cost;

On all contracts, other than contracts for supplies, where the estimated cost is not over \$200,000, 40 per cent. of the estimated cost;

On all contracts, other than contracts for supplies, where the estimated cost is over \$200,000, but not over \$1,000,000, 25 per cent. of the estimated cost;

On all contracts, other than contracts for supplies, where the estimated cost is over \$1,000,000, 20 per cent. of the estimated cost.

JOSEPH W. SAVAGE,  
Secretary.

The Commissioners of the Sinking Fund meet in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.

N. TAYLOR PHILLIPS,  
Deputy Comptroller, Secretary.

The Board of City Record meet in the Old Council Chamber (Room 16), City Hall, at call of the Mayor.

PATRICK J. TRACY,  
Supervisor, Secretary.

ARMORY BOARD.

ARMORY BOARD, HALL OF RECORDS, CHAMBERS AND CENTRE STREETS.

SEALED BIDS OR ESTIMATES WILL BE received by the office of the Mayor, Chairman of the Armory Board, in the City of New York, until 2 p. m.,

MONDAY, APRIL 29, 1907.

Item No. 1. FOR UTENSILS, MATERIALS AND SUPPLIES TO BE FURNISHED TO THE VARIOUS ARMORIES OF THE N. G. N. Y.

The amount of security required is 50 per cent. of the amount of bid, and a deposit of 5 per cent. of the amount of the bond to be deposited when handing in the bid; deposit, however, not to be inclosed with bid. Where the total of the bid is under \$1,000, the deposit must be 2½ per cent. of the amount of bid.

Item No. 2. FOR FURNISHING AND DELIVERING 3,650 GROSS TONS OF WHITE ASH ANTHRACITE COAL AT THE VARIOUS ARMORIES OF THE N. G. N. Y. AT THE DIRECTION OF THE ARMORY BOARD, IN CONFORMITY WITH THE SPECIFICATIONS, AS FOLLOWS:

Boroughs of Manhattan and The Bronx.

1,600 tons egg.

350 tons nut.

50 tons stove.

2,000 tons.

Boroughs of Brooklyn and Queens.

980 tons egg.

200 tons furnace.

350 tons pea.

120 tons nut.

1,650 tons.

Coal to be properly trimmed in bins.

The Armory Board reserves the right to increase or decrease the quantities 5 per cent.

In Manhattan and The Bronx, 1,250 tons to be delivered upon signing of contract; balance, as directed.

In Brooklyn and Queens, 1,500 tons to be delivered upon signing of contract; balance, as directed.

The amount of the security required is 50 per cent. of the amount of bid, and a deposit of 5 per cent. of the amount of the bond to be deposited when handing in the bid; where the total of the bid is under \$1,000, the deposit must be 2½ per cent. of the amount of the bid.

FOR FURNISHING ALL THE LABOR AND MATERIALS FOR MAKING AND COMPLETING THE REPAIRS AND ALTERATIONS, FURNISHINGS AND IMPROVEMENTS TO THE SEVERAL ARMORIES OF THE N. G. N. Y. IN THE BOROUGHS OF MANHATTAN AND BROOKLYN, AS FOLLOWS:

Item No. 3. Equipments and miscellaneous articles for completing the armory of the Second Battalion Naval Militia, Borough of Brooklyn.

Security required, One Thousand Five Hundred Dollars.

Deposit to be made with the bid, \$75.

Time allowed for doing the work, sixty (6

of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at the intersection of a line midway between Hendrix street and Van Siclen avenue with the northerly side of New Lots road, and running thence northwardly along the said line midway between Hendrix street and Van Siclen avenue to a point distant 100 feet north of the intersection of the said line with the northerly line of Dumont avenue; thence eastwardly and parallel with the line of Dumont avenue to the intersection with a line midway between Hendrix street and Schenck avenue; thence southwardly along the said line midway between Hendrix street and Schenck avenue and the prolongation thereof to the intersection with the southerly line of New Lots road; thence southwardly at right angles to the line of New Lots road 100 feet; thence westwardly and parallel with the New Lots road to the intersection with a line laid out at right angles to the New Lots road and passing through the point described as the point or place of beginning, and thence northwardly 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 3d day of May, 1907, at 10.30 o'clock a. m., and that at the same time and place a public hearing thereon will be held.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and the corporation newspapers for ten days prior to the 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.  
Telephone 3454 Worth.

a20,mi

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 discontinue and close East Twenty-eighth street, from the easterly side of First avenue to the bulkhead line of the East river, Borough of Manhattan, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on May 3, 1907, 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 April 5, 1907, 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 discontinuing and closing East Twenty-eighth street, from the easterly side of First avenue to the bulkhead line of the East river, in the Borough of Manhattan, City of New York.

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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.  
Telephone 3454 Worth.

a20,mi

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 modify the grades of Jerome avenue between Minerva place and East Two Hundred and Thirty-third street, and of the intersecting streets affected thereby, 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 May 2, 1907, 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 April 5, 1907, 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 modifying the grades of Jerome avenue between Minerva place and East Two Hundred and Thirty-third street, and of the intersecting streets affected thereby, in the Borough of The Bronx, City of New York, more particularly described as follows:

## A—Jerome Avenue.

1. The grade at Minerva place to be 142.5 feet, as heretofore.
2. The grade at East One Hundred and Ninety-ninth street to be 136 feet.
3. The grade at East Two Hundred and Thirtieth street to be 132 feet.
4. The grade at East Two Hundred and Fourth street to be 124 feet.
5. The grade at East Two Hundred and Fifth street to be calculated.
6. The grade at the southeast curb intersection of Van Cortlandt avenue to be 134.5 feet, as heretofore.
7. The grade distant 200 feet southerly from the southeast curb intersection of Moshulu Parkway South to be 139.6 feet.
8. The grade at Moshulu Parkway South to be 144 feet.
9. The grade 186 feet northerly from the northeast curb intersection of Moshulu Parkway South to be 149.3 feet.
10. The grade distant 60 feet northerly from the previous grade to be 150.3 feet.
11. The grade at Moshulu Parkway North to be 145 feet, as heretofore.
12. The grade at East Two Hundred and Eighth street to be 148 feet, as heretofore.
13. The grade at Gun Hill road to be 174.3 feet, as heretofore.
14. The grade distant one-half distance northerly of Gun Hill road to be 178 feet.
15. The grade at East Two Hundred and Twelfth street to be 176.5 feet.
16. The grade at East Two Hundred and Thirteenth street to be calculated.
17. The grade distant 450 feet northerly of the northeast curb intersection of East Two Hundred and Thirteenth street to be 165 feet.
18. The grade at the westerly angle point in Jerome avenue to be 162 feet.

19. The grade distant 880 feet southerly from the southeast curb intersection of Mount Vernon avenue to be 165 feet.

20. The grade distant 500 feet southerly from the southeast curb intersection of Mount Vernon avenue to be 172.5 feet.

21. The grade at the southeast curb intersection of Mount Vernon avenue to be 189 feet, as heretofore.

22. The grade distant 64.99 feet northerly from the eastern point of tangency northerly of Mount Vernon avenue to be 197 feet.

23. The grade distant 102.22 feet southerly from the point of curvature to be 205 feet.

24. The grade distant 163.42 feet northerly from the point of tangency to be 201 feet, as heretofore.

25. The grade at East Two Hundred and Thirtieth street to be 207.5 feet.

## B—East One Hundred and Ninety-ninth Street.

1. The grade at Jerome avenue to be 136 feet.

2. The grade at the Grand Boulevard and Concourse to be 146± feet.

## C—East Two Hundred and Ninth Street.

1. The grade at Jerome avenue to be 132 feet.

2. The grade at Villa avenue to be 137.5 feet, as heretofore.

## D—East Two Hundred and Fourth Street.

1. The grade at Jerome avenue to be 124 feet.

2. The grade at Villa avenue to be 122.5 feet, as heretofore.

## E—East Two Hundred and Fifth Street.

1. The grade at Jerome avenue to be calculated.

2. The grade at Villa avenue to be 132 feet, as heretofore.

## F—Moshulu Parkway South.

1. The grade at Jerome avenue to be 144 feet.

2. The grade at the southeast side line intersection of Grand Boulevard and Concourse to be 136 feet, as heretofore.

## G—East Two Hundred and Twelfth Street.

1. The grade at Jerome avenue to be 176.5 feet.

2. The grade at De Kalb avenue to be 166 feet.

## H—East Two Hundred and Thirteenth Street.

1. The grade at Jerome avenue to be calculated.

2. The grade at De Kalb avenue to be 163 feet.

## I—Woodlawn Road.

1. The grade at the southwest curb intersection to be 160.9± feet, as heretofore.

## J—Mount Vernon Avenue.

1. The grade at the intersection of Jerome avenue to be calculated.

2. The grade distant 800 feet southerly from the southwest curb intersection of East Two Hundred and Thirty-third street to be 195.6 feet, as heretofore.

All grades refer to mean high-water datum as established in the Borough of The Bronx.

## Technical Description for a Change in the Grade of Jerome Avenue, under the Alternative Plan, extending from Minerva Place to East Two Hundred and Thirty-third Street.

1. The grade of Jerome avenue at Minerva place is to be 142.5 feet, as heretofore.

2. The grade of Jerome avenue at East One Hundred and Ninety-ninth street is to be 134.5 feet, as heretofore.

3. The grade of Jerome avenue between East One Hundred and Ninety-ninth street and Van Cortlandt avenue is to remain unchanged, as is also the grade of East One Hundred and Ninety-ninth street, East Two Hundred and Thirtieth street, East Two Hundred and Fourth street and East Two Hundred and Fifth street.

4. All other changes of grades in Jerome avenue and in that of intersecting streets to be as indicated in the previous description.

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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.  
Telephone 3454 Worth.

a20,mi

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on April 5, 1907, 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 Barnes avenue, between Nereid avenue and Baychester avenue, and Byron avenue, between Nereid avenue and Baychester avenue, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at the intersection of a line 100 feet south of and parallel with the southerly side of Nereid avenue, the said distance being measured at right angles to the line of Nereid avenue, with a line midway between Byron avenue and Furman avenue, and running thence northerly along the said line midway between Byron avenue and Furman avenue to the intersection with a line distant 100 feet north of and parallel with the northerly side of Baychester avenue to the intersection with a line passing through a point on the easterly side of Edson avenue midway between the intersection of the said easterly side of Edson avenue with Barnes avenue and Nereid avenue, and through a point on the westerly side of Bruner avenue midway between its intersection with Barnes avenue and Nereid avenue; thence southwardly and along the said line midway between Bruner avenue and Wickham avenue; thence southwardly and along the said line midway between Bruner avenue and Wickham avenue and the prolongation of the same to a point distant 100 feet south of the southerly side of Nereid avenue, and thence westwardly and along a line distant 100 feet south of and parallel with the southerly side of Nereid avenue to the point or

place of beginning.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at the intersection of a line 100 feet southerly from the southerly side of Maclay avenue and parallel therewith, the said distance being measured at right angles to the line of Maclay avenue, with a line midway between Seddon street and St. Peters avenue, and running thence southeastwardly and along the said line midway between Seddon street and St. Peters avenue and running thence southeastwardly and along the said line midway between Seddon street and St. Peters avenue to the intersection with a line distant 100 feet north of and parallel with the northerly side of Stearns street and St. Raymond avenue; thence southwardly and along the said line midway between Stearns street and St. Raymond avenue and the prolongation of the said line to the intersection with a line 100 feet south of and parallel with the southerly side of Stearns street and St. Raymond avenue, and thence southwardly and along a line distant 100 feet south of and parallel with the southerly side of Stearns street and St. Raymond avenue to the point or

place of beginning.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at the intersection of a line 100 feet south of and parallel with the southerly side of Stearns street and St. Raymond avenue, and running thence southeastwardly and along a line distant 100 feet south of and parallel with the southerly side of Stearns street and St. Raymond avenue to the point or

place of beginning.

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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.  
Telephone 3454 Worth.

a20,mi

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on April 5, 1907, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of East Two Hundred and Twenty-seventh street, between Laconia avenue and Bronxwood avenue, and East Two Hundred and Twenty-eighth street, between Chapin avenue (First street) and Laconia avenue, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Beginning at the intersection of the prolongation of a line midway between East Two Hundred and Twenty-seventh street and East Two Hundred and Twenty-sixth street, with a line distant 100 feet east of and parallel with the easterly line of Laconia avenue, the said distance being measured at right angles to the line of Laconia avenue, and running thence northwardly along the said line midway between East Two Hundred and Twenty-sixth and East Two Hundred and Twenty-seventh street, and along the prolongation of the said line to the centre line of the Bronx river; thence northwardly and northeastwardly along the centre line of the Bronx river to the intersection with the prolongation of a line midway between East Two Hundred and Twenty-eighth street and East Two Hundred and Twenty-seventh street, through that portion of the length of each east of the White Plains road; thence westwardly along the line last described as midway between East Two Hundred and Twenty-eighth street and East Two Hundred and Twenty-seventh street, and along the easterly line of Laconia avenue, and running thence westwardly and northwardly and parallel with the westerly line of Bronxwood avenue; thence northwardly and parallel with the westerly line of Bronxwood avenue to the intersection with a line midway between East Two Hundred and Twenty-eighth street and East Two Hundred and Twenty-seventh street, through that portion of the length of each east of the Bronx river; thence westwardly along the line last described as midway between East Two Hundred and Twenty-eighth street and East Two Hundred and Twenty-seventh street; thence eastwardly along the said line midway between East Two Hundred and Twenty-seventh street and East Two Hundred and Twenty-ninth street, and along the prolongation of the said line to the centre line of the Bronx river; thence northwardly and northeastwardly along the centre line of the Bronx river to the intersection with the prolongation of a line midway between East Two Hundred and Twenty-eighth street and East Two Hundred and Twenty-seventh street; thence eastwardly along the easterly line of Laconia avenue, and running thence southwardly 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 3d day of May, 1907, at 10.30 a. m., and that at the same time and place a public hearing thereon will be held.

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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.  
Telephone 3454 Worth.

a20,mi

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on April 5, 1907, 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 Barnes avenue, between Nereid avenue and Baychester avenue, and Byron avenue, between Nereid avenue and Baychester avenue, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment

and the easterly side of Riverside drive to a point midway between the northerly side of West One Hundred and Forty-fourth street and the southerly side of West One Hundred and Forty-fifth street; thence westwardly on a line midway between the northerly side of West One Hundred and Forty-fourth street and the southerly side of West One Hundred and Forty-fifth street to the easterly side of Riverside drive; thence southwardly along the easterly side of Riverside drive to the 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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,

Secretary,

No. 277 Broadway, Room 805.

a20,mi

tinuously, Sundays and legal holidays excepted, prior to the 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.

a20,mi

**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 Rosewood (Elizabeth) street, from Bronx river to White Plains road, in the Twenty-fourth Ward, 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 May 3, 1907, 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 April 5, 1907, 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 Rosewood (Elizabeth) street, from Bronx river to White Plains road, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, more particularly described as follows:

Changing the northern line of Post (now Rosewood) street, as shown on Section 30 of the final maps (filed June 14, 1905), so that the changed line will intersect the western line of White Plains road at a point 5.91 feet southerly of the point where the northern line of Post street, as shown on Section 30, now intersects the western line of Bronx Boulevard. The northern line of Rosewood street is a straight line from White Plains road to the Bronx river and the southern line is 60 feet southerly from said northern line and parallel thereto. This change is made in order that Rosewood street shall widen Elizabeth street (as laid out on map of Olinville) five feet on each side.

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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.

a20,mi

**NOTICE IS HEREBY GIVEN THAT THE**  
Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out and fix grades for Pugsley avenue, from Gildersleeve avenue to the East river, 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 May 3, 1907, 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 April 5, 1907, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by laying out and fixing grades for Pugsley avenue, from Gildersleeve avenue to the East river, in the Borough of The Bronx, City of New York, more particularly shown on map or plan submitted by the President of the Borough of The Bronx.

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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.

a20,mi

**NOTICE IS HEREBY GIVEN THAT THE**  
Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out and fix grades for the portion of White Plains road, between Seward avenue and Story avenue, 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 May 3, 1907, 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 April 5, 1907, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by establishing grades of Weiher court, from Washington avenue to Third avenue, in the Twenty-third Ward, 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 May 3, 1907, 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 April 5, 1907, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by establishing grades of Weiher court, from Washington avenue to Third avenue, in the Twenty-third Ward, in the Borough of The Bronx, City of New York, more particularly shown on map or plan submitted by the President of the Borough of The Bronx.

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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.

a20,mi

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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.

a20,mi

**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 of Harlem River terrace, just north of and adjoining Fordham 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 May 3, 1907, 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 April 5, 1907, 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 of Harlem River terrace, just north of and adjoining Fordham road, in the Borough of The Bronx, City of New York, more particularly shown on map or plan submitted by the President of the Borough of The Bronx.

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 3d day of May, 1907, 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 3d day of May, 1907.

Dated April 20, 1907.

JOSEPH HAAG,  
Secretary,  
No. 277 Broadway, Room 805.

a20,mi

#### PUBLIC NOTICE.

#### CITY OF NEW YORK—BOARD OF ESTIMATE AND APPORTIONMENT.

**A T A MEETING OF THE BOARD OF**  
Estimate and Apportionment, held April 5, 1907, in the Old Council Chamber, City Hall, Borough of Manhattan, the following proceedings were had:

Whereas, The New York Central and Hudson River Railroad Company has, under date of May 25, 1906, made application to this Board for a grant of the right, privilege and franchise to construct, maintain and operate ducts or subways through, under and along East One Hundred and Ninety-fourth street, Kingsbridge road and other streets in the Borough of The Bronx; and

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

Whereas, In pursuance to such laws this Board adopted a resolution September 14, 1906, fixing the date for public hearing thereon as September 28, 1906, at which citizens were entitled to appear and be heard, and publication was had for at least two days in "The Sun" and "The New York Times," newspapers designated by the Mayor, and in the City Record for ten days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to the New York Central and Hudson River Railroad 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 New York Central and Hudson River Railroad Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board as follows, to wit:

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

*New York Central and Hudson River Railroad Company.*

#### PROPOSED FORM OF CONTRACT.

This Contract, made this day of 1907 by and between THE CITY OF NEW YORK, 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, and the NEW YORK CENTRAL AND HUDSON RIVER RAILROAD COMPANY, for itself, and as lessee of the NEW YORK AND HARLEM RAILROAD COMPANY, a domestic corporation of the State of New York, hereinafter called the Company, party of the second part, witness:

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

Section 1. The City of New York hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the franchise, right and privilege to construct, maintain and operate a subway not to exceed two feet and eleven inches in width, with the necessary splicing chambers, for the sole purpose of transmitting power for the operation of its trains by electricity, as required by chapter 425 of the Laws of 1903, said subway to be beneath the surface of the following named streets, avenues and highways between the points described as follows, all situated in the Borough of The Bronx, City of New York, to wit:

Beginning at a point in Webster avenue where East One Hundred and Ninety-fourth street, if prolonged southeasterly, would intersect the right of way of the New York and Harlem Railroad Company; thence northwesterly across Webster avenue to East One Hundred and Ninety-fourth street and thence northwesterly through East One Hundred and Ninety-fourth street to a point between Valentine avenue and the Grand Boulevard and Concourse, at the intersection of East One Hundred and Ninety-fourth street and Kingsbridge road; thence in a general northwesterly direction through Kingsbridge road to a point where said Kingsbridge road intersects the right of way of the New York Central and Hudson River Railroad Company.

Also beginning at a point on the westerly side of the right of way of the New York Central and Hudson River Railroad Company on the easterly side of Exterior street, about 300 feet south from West One Hundred and Ninety-fourth street; thence westerly across said Exterior street to and along private property of the New York Central and Hudson River Railroad Company;

— the said right of way and the location of the said splicing chambers being shown on a map entitled:

"N. Y. C. & H. R. R. Leased and Operated Lines. Electrification of Lines. Location Plan—Cable Ducts. Kingsbridge Road and 194th Street, New York City,"

— dated October 30, 1905, signed by W. J. Wilkins, Vice-President, copy of which is annexed hereto and made a part of this grant.

Sec. 2. The grant of this franchise, right and privilege is subject to the following conditions:

First—The said franchise, right and privilege to lay one subway in each of the streets, avenues or highways, and between the limits as hereinbefore described, and the franchise, right and privilege to maintain and operate the same shall be held and enjoyed by the said Company, its lessees or successors, for a term of twenty-five years from the date of the signing of this contract, with the privilege of renewal of said grant for a further period of twenty-five years, upon a fair revaluation of said franchise, right and privilege.

If the Company shall determine to exercise its privilege of renewal, it shall make application to the Board of Estimate and Apportionment of The City of New York, or to any authority which shall be authorized by law to act for the City in place of the said Board. Such application shall be made at any time not earlier than two years and not later than one year before the expiration of the original term of this grant. The determination of the revaluation shall be sufficient, if agreed to in writing by the Company, and by the Board of Estimate and Apportionment, or by such other authority in its place. If the Company and the Board, or such other authority in its place for the City, shall not reach such agreement on or before the day one year before the expiration of the original term of this grant, then the annual rate of compensation for such succeeding twenty-five years shall be reasonable, and either the City (by the Board or by such other authority in its place) or the Company shall be bound upon request of the other to enter into a written agreement with such other, fixing the rate of such compensation at such amount as shall be reasonable; and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate at such amount as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board of Estimate and Apportionment, or its successors in authority; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluations aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of the contract, and their report shall be filed with the Board of Estimate and Apportionment, or its successors in authority, within three months after they are chosen. They shall act as appraisers, and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations without the presence of either party. They shall have the right to examine the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but shall not in any event be less than the minimum amount fixed as the sum to be paid annually for the last year of this original grant. If in any case the annual rate shall not be fixed prior to the termination of the original term of this grant, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Second—Upon the termination of this 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 other cause, all subways and appurtenances thereto, constructed pursuant to this contract, shall be and become the property of The City of New York, without compensation therefor, and the same may be used by The City for any purpose whatsoever. If, however, at the termination of this grant, as above, the City, by the Board of Estimate and Apportionment, or its successors in authority, shall so order by resolution, the said Company shall remove, at its own expense, said subway and all appurtenances thereto, and shall restore the streets and pavements to their original condition.

Third—The Company, its successors or assigns, shall pay to The City of New York for this privilege an annual sum of four thousand five hundred dollars (\$4,500). Such sum shall be paid into the treasury of The City of New York on November 1 of each year, and shall be for the annual amount due to September 30 next preceding; provided, however, that the first payment shall be only for that proportion of four thousand five hundred dollars (\$4,500) as the time of signing of this contract by the Mayor before September 30 next preceding shall bear to the whole of one year.

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

Fourth—The annual charges or payments shall continue throughout the whole term of the privilege hereby granted, whether original or renewal, as hereinbefore provided, notwithstanding any clause in any statute or in the charter of any other company, providing for payments of subway rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted, whether original

or renewal, or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this grant, and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said condition as to payment, 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 grant. Nothing herein contained shall apply to any mortgage or mere lienor, but shall apply to any purchaser upon foreclosure or under or by virtue of any provision of a mortgage or lien.

Fifth.—The rights and privileges granted hereby shall not be assigned either in whole or in part, or leased or sublet in any manner, nor shall title thereto or right, interest or property therein pass to or vest in any other person or corporation whatsoever, either by the act of the Company, its successor or assigns, 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 of New York, acting by the Board of Estimate and Apportionment, or its successor in authority, 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. This provision, however, shall not apply to the making of a mortgage, but shall apply to a sale under foreclosure.

Sixth.—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets, avenues and highways on the route heretofore described.

Seventh.—The Company shall commence construction of the subway herein authorized within two months after the signing of this contract, and shall complete the construction of the same within five months from the same date, otherwise this grant shall cease and determine, and all sums paid or which may be deposited with the Comptroller of the City as hereinafter provided, shall thereupon be forfeited to the City; provided, however, that the Board of Estimate and Apportionment may in its discretion extend such time for a period not exceeding one year, but such extension shall not be made unless the reasons given by the grantee for non-fulfillment are in the opinion of the Board, for causes over which the grantee had no control and was in no wise responsible.

Eighth.—The operation of electrical conduits, conductors and devices, is subject to such rules and regulations as the Commissioner of Water Supply, Gas and Electricity shall from time to time have adopted or may hereafter adopt, for the installation and operation of apparatus of this character in and through the streets of this City, and no work shall be done under its franchise until and unless the Commissioner of Water Supply, Gas and Electricity shall have issued a permit for its construction.

Ninth.—All construction which shall be made under this grant shall be done in a manner solely upon the terms and conditions hereafter to be imposed by the President of the Borough of The Bronx and the Commissioner of Water Supply, Gas and Electricity, or their respective successors in authority. The said Company shall submit a working plan of construction to the said President and to the said Commissioner, which shall include and show in detail the method of construction of said subway, connections, splicing chambers or manholes and other appurtenances, and the mode of protection of all subsurface construction under the streets, avenues and highways in the routes.

Tenth.—The Company shall give notice to the President of the Borough of The Bronx and to the Commissioner of Water Supply, Gas and Electricity, in writing, of its intention to begin construction of the work hereby authorized, at least forty-eight hours before such construction commences. The Company shall also give notice to the Board of Estimate and Apportionment, in writing, of the date on which work is commenced and also the date on which the same is completed.

Eleventh.—Any pavement disturbed during the construction or repair of said subway at any time during the term of the grant shall be restored to its original condition by the Company. The Company shall pave and keep in permanent repair that portion of the surface of the street in which said subway is constructed immediately adjacent to and for a distance of five feet in all directions around the cover or covers of each and every splicing chamber, under the supervision of the local authorities whenever the same become in a state of disrepair or whenever required by them to do so, and in such manner as they may prescribe. And it shall not be necessary in the event that the portion of the surface of the street, avenue or highway which the said Company obligates itself to keep in repair shall not be repaired by the Company as hereinbefore provided, for the City to give any notice to the Company of such state of disrepair, but the City may make such repairs and charge the same to the Company which the said Company agrees to pay.

Twelfth.—The Company shall, in the course of construction of the subway, maintain and care for all underground and overground structures in its route, or directly interfered with by its construction, and any necessary interference shall be subject to reasonable regulation by the department of the government of the City under control or charge thereof.

Thirteenth.—Any alteration which may be required in the sewerage or drainage system of the City, or to any subsurface structures laid in the streets, avenues and highways along the route of the subway, on account of the construction or operation of the same, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Fourteenth.—Any alteration in the subway and its appurtenances which shall be made necessary shall, after due notice of the said alteration has been served upon the Company by the Board of Estimate and Apportionment, be made at the sole cost of the Company, and in such manner as the City officials having authority and jurisdiction may prescribe.

Fifteenth.—Should the City require for any public improvement the space occupied by the subway in the streets, avenues or highways for which permission is herein granted, the Company shall, at its own expense, alter the position of and rebuild said subway as directed by the proper City officials.

Sixteenth.—All plans for the drainage of the subway and splicing chambers shall be submitted to and approved by the President of the Borough of The Bronx.

Seventeenth.—The said Company shall bear the expense of inspection, which may be required by the President of the Borough of The Bronx and the Commissioner of Water Supply, Gas and Electricity, of all the work of construction required, or removal of the said subway, which shall be done under this grant.

Eighteenth.—Correct maps shall be furnished to the Board of Estimate and Apportionment, the Comptroller, President of the Borough of The Bronx and the Commissioner of Water Supply, Gas and Electricity, by the Company, showing the exact location of the subway, the splicing chambers or other appurtenances constructed, with reference to the curb lines of the streets and the street surface, and the same shall be furnished to the said several departments or officials within sixty days after the completion of the work authorized by this grant.

Nineteenth.—The grant of this privilege shall not affect in any way the right of The City of New York to grant a similar privilege upon the same or other terms and conditions to any other person or corporation.

Twentieth.—The Company shall assume all liability by reason of the construction and operation of the subway, and the City shall assume no liability whatsoever to either persons or property by reason of its construction.

As a condition of this grant the Company, its successor or assigns, hereby agrees to repay to the City any damages which the City shall be compelled to pay by reason of any acts or defaults of the Company, its successor or assigns. Due notice of any such demand shall be given to the Company.

Twenty-first.—In case of any violation or breach or failure to comply with any of the provisions herein contained, this contract may be forfeited or avoided by The City of New York by a suit brought by the Corporation Counsel, on notice of ten days to the said Company.

Twenty-second.—The subway hereby authorized shall be used only by the Company, and for no purpose other than transmission of electrical current in the operation, management and maintenance of its railroads owned or leased.

Twenty-third.—If the said Company, its successors or assigns, shall fail to maintain its structures in good condition throughout the full term of its occupancy of such streets, the Board of Estimate and Apportionment of The City of New York may give written notice to the said Company specifying any default on the part of said Company, and requiring said Company to remedy the same within a reasonable time, and upon the failure of the Company to remedy said default within a reasonable time, said Company shall for each day thereafter during which the default or defect remains, pay to The City of New York a sum of fifty dollars (\$50) as fixed or liquidated damages, or the said City, in case such structures shall not be put in good condition within a reasonable time after notice by the Board as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the said Company shall pay to the City the amount of the cost of such repairs with legal interest thereon, all of which sums may be deducted from the fund hereinbefore provided.

Twenty-fourth.—This grant is upon the express condition that the Company, within thirty days after the execution of this contract and before anything is done in exercise of the rights conferred thereby, shall deposit with the Comptroller of The City of New York the sum of ten thousand dollars (\$10,000), either in money or in securities to be approved by him, which fund shall be security for the performance by the Company of the terms and conditions of this grant, especially those which relate to the payment of the annual charges for the privilege and the penalties hereinafter provided, and in case of default in the performance by said Company of such terms and conditions, The City of New York shall have the right, after due notice, to collect the same from the said fund without legal proceedings, or after default in the payment of the annual charges shall collect the same, with interest, from said fund after ten days' notice in writing to the said Company. In case of any drafts so made upon this security fund, the said Company shall, upon thirty days' notice in writing, pay to the Comptroller of The City of New York a sum of money sufficient to restore the said fund to the original amount of ten thousand dollars (\$10,000), and in default thereof the grant hereby made may be canceled and annulled at the option of the Comptroller of The City of New York, acting on behalf of said City. No action or proceeding or rights under the provisions of this section shall affect other legal rights, remedies or causes of action belonging to The City of New York.

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

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

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

(Corporate Seal). Attest:

City Clerk.  
THE NEW YORK CENTRAL  
AND HUDSON RIVER  
RAILROAD COMPANY,  
By \_\_\_\_\_ President.

Attest:

Secretary.

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

Resolved, That these preambles and resolutions, including the said resolution for the grant of a franchise or right applied for by the New York Central and Hudson River Railroad Company and the said form of proposed contract for the grant of such franchise or right containing said results of such inquiry, after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to May 10, 1907, in the City Record and at least twice during the ten days immediately prior to May 10, 1907, in "The Sun" and "The New York Times," two daily newspapers designated by the Mayor therefor and published in The City of New York, at the expense of the New York Central and Hudson River Railroad Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of the franchise or right applied for by the New York Central and Hudson River Railroad 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 resolutions authorizing

any such contract, will at a meeting of said Board, to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on May 10, 1907, at 10:30 o'clock a. m., hold a public hearing thereon at which citizens shall be entitled to appear and be heard.

JOSEPH HAAG,  
Secretary.

New York, April 5, 1907.

ary, mro

## DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

BOROUGHS OF BROOKLYN AND QUEENS.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received at the office of the Department of Public Charities, foot of East Twenty-sixth street, Borough of Manhattan, in the City of New York, until 2:30 o'clock p. m. on

WEDNESDAY, MAY 1, 1907,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF CONEY ISLAND 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 two hundred and fifty (250) consecutive working days.

The surety required will be Seventy-five Thousand Dollars (\$75,000).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of Helmle & Huberty, Architects, No. 190 Montague street, Borough of Brooklyn, The City of New York, where plans and specifications may be seen.

ROBERT W. HEBBERD,  
Commissioner.

Dated April 19, 1907.

19,30

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

AUCTION SALE.

MONDAY, APRIL 29, 1907,

THE UNDERSIGNED WILL SELL A'1 public auction at office, foot of East Twenty-sixth street, on

at 11 a. m., the following, viz:

Bones (estimated), 100,000 pounds.

To be collected and removed from Blackwell's Island three times a week.

Grease (estimated), 30,000 pounds.

To be collected monthly from Blackwell's Island.

Old iron (estimated), 100,000 pounds.

To be collected twice a year at pier on Metropolitan Hospital grounds, east side, near north end of Blackwell's Island, in a lighter to be provided by the buyer upon being notified.

Rags (estimated), 30,000 pounds.

Iron-bound barrels (estimated), 300.

Kerosene barrels (estimated), 100.

Pork barrels (estimated), 100.

Tea lead (estimated), 5,000 pounds.

Two (2) rowboats.

One (1) coach.

Two (2) horses, viz:

1 bay, No. 43, "Slopper."

1 bay, No. 54, "Beach."

Bids will be received by the single pound, barrel or article, and awards will be made to the highest bidder per pound, barrel or article.

All the above, except as otherwise mentioned, to be received by the purchaser at the pier foot of East Twenty-sixth street, and removed upon being notified that the same are ready for delivery.

Quantities marked "estimated" are for the accumulation of year 1907, and contracts based on such quantities are for such period of time.

All quantities to be more or less and estimated only.

All qualities to be "as are."

ASSIGNMENTS OF CONTRACTS WILL NOT BE RECOGNIZED UNLESS APPROVED BY THE COMMISSIONER.

Each successful bidder will be required to pay Twenty-five Per Cent. of the estimated amount of his purchase to me at the time and place of sale, and the balance to the General Storekeeper, at Blackwell's Island, in cash or a certified check on a New York City bank, upon delivery of the goods.

The Commissioner reserves the right to order resale of any goods that shall NOT have been removed by the purchaser within TEN days after he shall have been notified that they are ready, and in case of such resale to forfeit to the use of the Department of Public Charities the TWENTY-FIVE PER CENT. paid in at the time and place of sale. Goods can be examined at Blackwell's Island by intending bidders on any week day before the day of sale.

The City of New York, April 18, 1907.

ROBERT W. HEBBERD,  
Commissioner of Public Charities.

19,29

DEPARTMENT OF PUBLIC CHARITIES, THE CITY OF NEW YORK, BOROUGHS OF BROOKLYN AND QUEENS, NO. 327 SCHERMERHORN STREET, BROOKLYN, N. Y.

SALE OF GREASE, BARRELS, BONES, RAGS, METAL AND MISCELLANEOUS ARTICLES.

THE UNDERSIGNED WILL SELL AT public auction to the highest bidder, on the grounds of the Kings County Hospital, Clarkson street, Brooklyn, N. Y., on

TUESDAY, APRIL 30, 1907,

at 11 a. m.:

About 105,000 pounds bones.

About 18,700 pounds grease.

About 21,000 pounds rags.

About 6,000 pounds iron.

About 150 pounds lead.

About 300 pounds brass.

About 1,000 pounds tea lead.

About 150 pounds copper.

30 oil barrels.

8 vinegar barrels.

15 turpentine barrels.

25 pork barrels.

5 miscellaneous barrels.

Ashes (hard coal), per cubic yard.

Notices on metals, bones and fat must be per pound—on barrels per piece.

All quantities to be "more or less." All qualities to be "as are."

All aforesaid articles must be received by the purchaser at the aforesaid hospitals, and removed therefrom immediately upon being notified that same are ready for delivery, except in

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN FORTY-SEVENTH STREET FROM NEW Utrecht AVENUE TO TWELFTH AVENUE, ETC.

The Engineer's estimate of the quantities is as follows:

45 linear feet 18-inch pipe sewer.  
719 linear feet 15-inch pipe sewer.  
470 linear feet 12-inch pipe sewer.  
900 linear feet 6-inch house connection drain.  
12 manholes.  
2 sewer basins.

The time allowed for completion of the work and full performance of the contract is 60 working days.

The amount of security required is Two Thousand Eight Hundred Dollars.

NO. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN FIFTY-THIRD STREET, FROM FORT HAMILTON AVENUE TO ELEVENTH AVENUE.

The Engineer's estimate of the quantities is as follows:

500 linear feet 12-inch pipe sewer.  
612 linear feet 6-inch house connection drain.

5 manholes.  
2 sewer basins.

The time allowed for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is One Thousand Three Hundred Dollars.

NO. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN ECKFORD STREET, FROM ENGERT AVENUE TO MANHATTAN AVENUE.

The Engineer's estimate of the quantities is as follows:

35 linear feet 18-inch pipe sewer.  
354 linear feet 15-inch pipe sewer.  
360 linear feet 6-inch house connection drain.

4 manholes.  
1 sewer basin.

1,000 feet (B. M.) sheeting and bracing.

The time allowed for completion of the work and full performance of the contract is 30 working days.

The amount of security required is Nine Hundred Dollars.

NO. 5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN IMLAY STREET, FROM SUMMIT SOUTH OF COMMERCE STREET TO COMMERCE STREET.

The Engineer's estimate of the quantities is as follows:

30 linear feet 15-inch pipe sewer.  
210 linear feet 12-inch pipe sewer.  
2 manholes.

5,000 feet (B. M.) sheeting and bracing.

The time allowed for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is Six Hundred Dollars.

NO. 6. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS IN HINSDALE STREET, NORTHEAST AND SOUTHEAST CORNERS OF BLAKE AVENUE, HINSDALE STREET, NORTHWEST CORNER OF DUMONT AVENUE, ETC., ETC.

The Engineer's estimate of the quantities is as follows:

7 sewer basins.

The time allowed for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is Seven Hundred Dollars.

NO. 7. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS ON MILFORD STREET, AT THE NORTHEAST AND NORTHWEST CORNERS OF BELMONT AVENUE, AND AT ALL FOUR CORNERS OF SUTTER AVENUE.

The Engineer's estimate of the quantities is as follows:

6 sewer basins.

The time allowed for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is Six Hundred Dollars.

NO. 8. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER IN NEWKIRK AVENUE, FROM EAST TWENTY-SIXTH STREET TO ROGERS AVENUE.

The Engineer's estimate of the quantities is as follows:

262 linear feet 12-inch pipe sewer.

2 manholes.  
1 sewer basin.

420 linear feet 6-inch house connection drain.

1,000 feet (B. M.) sheeting and bracing.

The time allowed for the completion of the work and full performance of the contract is 30 working days.

The amount of security required is Five Hundred Dollars.

NO. 9. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT ALL FOUR CORNERS OF WHITE AND SIEGEL STREETS.

The Engineer's estimate of the quantity is as follows:

3 sewer basins.

The time allowed for the completion of the work and full performance of the contract is 20 working days.

The amount of security required is Three Hundred Dollars.

NO. 10. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS ON FORTY-FOURTH STREET, AT THE EAST AND SOUTH CORNERS OF FIRST AVENUE.

The Engineer's estimate of the quantity is as follows:

2 sewer basins.

The time allowed for the completion of the work and full performance of the contract is 15 working days.

The amount of security required is Two Hundred Dollars.

NO. 11. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT THE NORTHEAST AND NORTHWEST CORNERS OF DORCHESTER ROAD AND WESTMINSTER ROAD.

The Engineer's estimate of the quantity is as follows:

2 sewer basins.

The time allowed for the completion of the work and full performance of the contract is 15 working days.

The amount of security required is Two Hundred Dollars.

NO. 12. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT THE NORTH AND EAST CORNERS OF BAY RIDGE AVENUE AND TENTH AVENUE.

The Engineer's estimate of the quantities is as follows:

3,300 cubic yards of earth excavation.

1,420 linear feet of concrete curb.

The Engineer's estimate of the quantity is as follows:  
2 sewer basins.

The time allowed for the completion of the work and full performance of the contract is 15 working days.

The amount of security required is Two Hundred Dollars.

NO. 13. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE SOUTHWEST CORNER OF BUFFALO AVENUE AND PARK PLACE.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 14. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE NORTHERLY CORNER OF STOCKHOLM STREET AND ST. NICHOLAS AVENUE.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 15. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE NORTHWEST CORNER OF SNEDIKER AVENUE AND BLAKE AVENUE.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 16. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 17. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 18. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 19. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 20. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 21. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 22. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 23. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 24. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 25. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

NO. 26. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASIN AT THE POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantity is as follows:

1 sewer basin.

The time allowed for the completion of the work and full performance of the contract is 10 working days.

The amount of security required is One Hundred Dollars.

6,990 square feet of cement sidewalk.

Time for the completion of the work and the full performance of the contract is twenty-five (25) working days.

The amount of security required is One Thousand Dollars.

NO. 27. FOR REGULATING, GRADING, CURBING, GUTTERING AND LAYING SIDEWALKS ON NINETY-THIRD STREET, FROM DITMAS AVENUE TO A POINT 120 FEET MORE OR LESS NORTH OF AVENUE F.

The Engineer's estimate of the quantities is as follows:

2,468 square yards of asphalt pavement.

343 cubic yards of concrete.

Time for the completion of the work and the full performance of the contract is twenty (20) working days.

The amount of security required is One Thousand Eight Hundred Dollars.

NO. 28. FOR REGULATING, GRADING, CURBING, GUTTERING AND LAYING SIDEWALKS ON EAST THIRTY-FIRST STREET, FROM VANDERBILT STREET TO FORT HAMILTON AVENUE.

The Engineer's estimate of the quantities is as follows:

2,480 square yards of asphalt pavement.

610 cubic yards of concrete.

Time for the completion of the work and the full performance of the contract is twenty-five (25) working days.

## INVITATION TO CONTRACTORS.

(CENTRE STREET, FROM CANAL TO BROOME.)

THE CITY OF NEW YORK (HEREIN after called the City) acting by its Board of Rapid Transit Commissioners (hereinafter called the Board) contemplates building a certain Rapid Transit Railroad, known as Route No. 9, in Centre street (Manhattan) and other streets in the Boroughs of Manhattan and Brooklyn, including ultimately Delancey street, Grand street, Desbrosses street, Canal street and William street, in Manhattan, and Fulton street, Lafayette avenue and Broadway, in Brooklyn.

By this advertisement the City invites proposals to construct that part of said railroad which is situated in Centre street, between Canal street and Broome street, in accordance with the detailed plans and specifications adopted therefor.

The general plan of construction calls for a sub-surface railroad. There will be four tracks in Centre street, and provisions for a spur turning west into Grand street.

A station between Hester and Grand streets will be constructed, and suitable cross-overs, turn-outs and sidings are also to be provided, all as shown in the detailed plans of construction. The tunnels are to have a height of not less than thirteen (13) feet in the clear, and a maximum width of fifteen (15) feet for each track, except at curves, etc., where the width may be increased. The roof of the tunnels is generally to be as near the surface of the street as street conditions and grades will permit, but will be depressed whenever necessary to avoid grade crossings. The roof and sides of the tunnels will be of iron or steel and masonry. Entrances to the station are intended to be placed within private property, rights in which will be acquired for the purpose.

The manner of construction shall be by excavation under cover, unless otherwise directed by the Board.

In the detailed plans for construction, provisions for pipe galleries through Centre street, from Canal street to Broome street, are included. Bids for the construction of the railroad must be accompanied by a separate bid for the construction of the pipe galleries above referred to, as it is essential for the City to separate the cost of the railroad from the cost of the pipe galleries. The Board reserves the right to accept a bid for construction of the railroad and at the same time to reject the accompanying bid for pipe galleries.

The price stated for railroad construction is to include the furnishing of all materials and the performance of all labor requisite to the complete construction of that part of the proposed railroad which is to be built under this contract, including all sewer and street construction and reconstruction and other work caused by or incidental to the construction of the same as set out in the proposed form of contract.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated in the printed form of contract now on file in the office of the Board, No. 320 Broadway, Borough of Manhattan, and in the detailed drawings therein referred to, at which office copies of the contract and of the form of bond and contractor's proposal may be had on application. The contract drawings may be inspected at the same office. The printed form of contract and the detailed drawings are to be deemed a part of this invitation.

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

The work of construction (including pipe galleries) is to be completed as soon as practicable, and within twenty months from the date of delivery of the contract.

SEALED BIDS OR PROPOSALS WILL BE RECEIVED AT THE SAID OFFICE OF THE BOARD, AT NO. 320 BROADWAY, BOROUGH OF MANHATTAN, CITY OF NEW YORK, UNTIL

TUESDAY, MAY 14, 1907,

AT 12 O'CLOCK NOON, AT WHICH TIME OR AT A LATER DATE TO BE FIXED BY THE BOARD THE PROPOSALS WILL BE PUBLICLY OPENED.

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

Each proposal must be signed and acknowledged and also verified by an affidavit of the bidder (or if it be a corporation then by an officer thereof) to the effect that the several matters therein stated are in all respects true. If the proposal is made by a firm, it will be sufficient if the proposal is signed and acknowledged, and the affidavit sworn to, by one member of the firm.

Each proposal must specify an office within The City of New York at which notices may be delivered; and delivery of a notice at such office shall be deemed a sufficient delivery and notice to the bidder.

Each proposal or bid must contain the name and place of residence of the person or persons making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact; and if the bidder shall be a corporation, there shall be submitted a certified copy of its certificate of incorporation, with a certificate of the amount of stock paid in in cash, and the names and business addresses of all officers and directors of the corporation shall be stated; also, that it is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of the corporation, or any member or employee of the Board, is interested, directly or indirectly, as contracting party, partner, stockholder or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

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

The Board is not obliged by law to accept any of the proposals received by it, but may reject all such proposals and readvertise, or may accept any of such proposals as will in the judgment of the Board best promote the public interest, and award a contract accordingly, subject to approval by the Board of Estimate and Apportionment, as required by law.

The award of the contract or contracts (if awarded) will be made by the Board within ten days after the opening of the proposals. The bidder or bidders whose proposal shall be accepted shall in person or by duly authorized representative attend at the said office of the Board within ten days after the delivery of a notice by the Board that the proposal is accepted and that the contract is approved by the Board of Estimate and Apportionment; and such bidder or bidders shall then deliver a contract in the form referred to, duly executed with its execution duly proved.

At the time of the delivery of a contract, the contractor will be required to furnish security to the City by giving a bond in the penalty

of one hundred and fifty thousand dollars. At the option of the successful bidder cash or approved securities may be deposited instead of giving a bond. If securities are deposited in place of a bond under this contract, they must be of the character of securities in which savings banks may invest their funds and must be approved by the Board. The contractor's bond must be in the form annexed to the form of contract.

In addition and as further security to the City, ten per cent. of each amount certified from time to time to be due to the contractor will be retained until the work is fully completed.

Each bidder must state in his proposal the names and places of business of the proposed sureties on the bond and describe any securities proposed to be deposited.

Bidders whose proposals are otherwise satisfactory to the Board may, in case the sureties or securities named by them are not approved by the Board, substitute in their proposals the names of new sureties or a different schedule of securities approved by the Board; but such substitution must be made within five days after notice of disapproval by the Board, unless this notice is extended by the Board.

In case of failure or neglect to execute and deliver the contract or to make the required deposit or to execute and deliver the required bond, such bidder or bidders will, at the option of the Board, be deemed either to have made the contract or to have abandoned the contract.

In the latter case the Board will give notice thereof to the defaulting bidder or bidders. And the Board may thereupon proceed to make another contract with such, if any, of the original bidders, as, in the opinion of the Board, it will be to the best interest of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder or bidders shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other contractor over the amount of the bid of such defaulting bidder or bidders.

Every proposal must, when submitted, be enclosed in a sealed envelope endorsed "Proposal for Constructing Rapid Transit Railroad — (Centre Street, from Canal to Broome)" and must be delivered to the Board or to its Secretary; and in the presence of the person offering the proposal it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received or deposited unless accompanied by a certified check drawn upon a National or State bank or trust company within The City of New York and satisfactory to the Board, payable to the order of the Comptroller of The City of New York, for the sum of twelve thousand five hundred dollars.

If the Board shall give notice to any bidder that his or its proposal is accepted and the contract is approved by the Board of Estimate and Apportionment, and if the bidder shall fail within ten days thereafter or within such further period, if any, as may be prescribed by the Board, to execute and deliver the contract and to execute and deliver the bond with sureties, or make a deposit in cash or securities, then this invitation to contractors and proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damages by it sustained by reason of such failure; and in such case the bidder hereby absolutely assigns to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

Such check must not be enclosed in the sealed envelope containing the proposal, but must be separately delivered to the Board or to its Secretary, who will give a proper voucher for the deposit.

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

THE BOARD OF RAPID TRANSIT RAILROAD COMMISSIONERS FOR THE CITY OF NEW YORK.

By A. E. ORR, President.  
BION L. BURROWS, Secretary.

a22, m14.

## DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE SUPERINTENDENT OF SCHOOL BUILDINGS AT THE ABOVE OFFICE OF THE DEPARTMENT OF EDUCATION UNTIL 11 O'CLOCK A. M. ON

MONDAY, MAY 6, 1907,  
Borough of Manhattan.

No. 5. FOR INSTALLING HEATING AND VENTILATING APPARATUS IN NEW PUBLIC SCHOOL 27, ON FORTY-FIRST AND FORTY-SECOND STREETS, ABOUT 105 FEET EAST OF THIRD AVENUE, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be 130 working days, as provided in the contract.

The amount of security required is Twenty Thousand Dollars.

No. 6. FOR THE ERECTION OF OUTSIDE IRON STAIRS AT PUBLIC SCHOOL 106, ON LAFAYETTE STREET, NEAR SPRING STREET, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be 45 working days, as provided in the contract.

The amount of security required is Seven Hundred Dollars.

## Borough of Queens.

No. 7. FOR ALTERATIONS, REPAIRS, ETC., TO PUBLIC SCHOOLS 20, 27, 28, 31, 44, 79, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each school will be until August 24, 1907, as provided in the contract.

The amount of security required is as follows:

Public School 20..... \$1,200 00  
Public School 27..... 800 00  
Public School 28..... 300 00  
Public School 31..... 400 00  
Public School 44..... 700 00  
Public School 79..... 300 00

A separate proposal must be submitted for each school, and award will be made thereon.

No. 8. FOR INSTALLING HEATING AND VENTILATING APPARATUS IN PUBLIC SCHOOL 68, ON NORTH SIDE OF BERGEN AVENUE, BETWEEN RATHEN AVENUE AND HENRY STREET, EVERGREEN, BOROUGH OF QUEENS.

The time allowed to complete the whole work will be 60 working days, as provided in the contract.

The amount of security required is Ten Thousand Dollars.

No. 9. FOR REPAIRING FURNITURE, ETC., IN VARIOUS SCHOOLS IN THE BOROUGH OF QUEENS.

The work shall be commenced on or before July 14, 1907, and must be entirely completed on or before August 24, 1907, as provided in the contract.

The amount of security required is as follows:

Item 1..... \$600 00  
Item 2..... 3,000 00  
Item 3..... 1,800 00  
Item 4..... 2,200 00  
Item 5..... 1,900 00

A separate proposal shall be submitted for each item, and award will be made thereon.

## Borough of Richmond.

No. 10. FOR THE GENERAL CONSTRUCTION, ETC., OF ADDITION TO AND ALTERATIONS IN PUBLIC SCHOOL 19, ON EAST SIDE OF GREENLEAF AVENUE, BETWEEN POST AVENUE AND FLOYD STREET, WEST NEW BRIGHTON, BOROUGH OF RICHMOND.

The time allowed to complete the whole work will be 140 working days, as provided in the contract.

The amount of security required is Twelve Thousand Dollars.

On Contracts Nos. 5, 6, 8 and 10 the bids will be compared, and the contract awarded to the lowest bidder in a lump sum on each contract.

On Contracts Nos. 7 and 9 the bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested.

Extensions must be made and footed up, as the bids will be read from the total of each item and award made to the lowest bidder on each item.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Borough of Manhattan, southwest corner of Park avenue and Fifty-ninth street.

SCHOOLS OF THE CITY OF NEW YORK, BOROUGHS OF MANHATTAN, THE BRONX, BROOKLYN, QUEENS AND RICHMOND, FOR THE YEAR ENDING DECEMBER 31, 1907.

The time for the delivery of the articles, materials and supplies, and the performance of the contract is by or before December 31, 1907.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications and schedules herein contained or hereto annexed, per pound, dozen, gallon, yard or other unit of measure, by which the bids will be tested. Award will be made to the lowest bidder on each item whose sample is equal to the Board sample.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Borough of Manhattan, southwest corner of Park avenue and Fifty-ninth street.

PATRICK JONES,  
Superintendent of School Supplies.  
April 19, 1907.

a19,30

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE SUPERINTENDENT OF SCHOOL BUILDINGS AT THE ABOVE OFFICE OF THE DEPARTMENT OF EDUCATION UNTIL 11 O'CLOCK A. M. ON

MONDAY, APRIL 29, 1907,  
Borough of Brooklyn.

No. 1. FOR INSTALLING HEATING AND VENTILATING APPARATUS FOR ADDITIONS TO AND ALTERATIONS IN PUBLIC SCHOOL 83, ON WEST SIDE OF SCHENECTADY AVENUE, BETWEEN BERGEN AND DEAN STREETS, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 70 working days, as provided in the contract.

The amount of security required is Sixteen Thousand Dollars.

No. 2. FOR FURNITURE FOR ADDITIONS TO PUBLIC SCHOOL 83, ON SCHENECTADY AVENUE, BETWEEN BERGEN AND DEAN STREETS, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 60 working days, as provided in the contract.

The amount of security required is as follows:

Item 1..... \$1,000 00  
Item 2..... 800 00  
Item 3..... 600 00  
Item 4..... 2,600 00  
Item 5..... 1,100 00

A separate proposal must be submitted for each item and award will be made thereon.

No. 3. FOR FURNITURE FOR ADDITION TO PUBLIC SCHOOL 91, ON ALBANY AVENUE, BETWEEN EAST NEW YORK AVENUE AND MAPLE STREET, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 60 working days, as provided in the contract.

The amount of security required is as follows:

Item 1..... \$600 00  
Item 2..... 400 00  
Item 3..... 300 00  
Item 4..... 1,000 00

A separate proposal must be submitted for each item and award will be made thereon.

On Contract No. 1 the bids will be compared and the contract awarded to the lowest bidder in a lump sum.

On Contracts Nos. 2 and 3 the bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed by which the bids will be tested.

Extensions must be made and footed up, as the bids will be read from the total of each item and award made to the lowest bidder on each item.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent at Estimating Room, ninth floor, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan.

C. B. J. SNYDER,  
Superintendent of School Buildings.

Dated April 17, 1907.

a17,39

*See General Instructions to Bidders on the last page, last column, of the "City Record."*

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time allowed to complete the whole work will be 30 working days, as provided in the contract.

The amount of security required is Eight Hundred Dollars.

No. 7. FOR ALTERATIONS, REPAIRS, ETC., FOR PUBLIC SCHOOLS 1, 8, 16, 23, 106, 113, 124, 125, 130 AND NO. 146 GRAND STREET, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work on each school will be 55 working days, as provided in the contract.

The amount of security required is as follows:

|                           |          |
|---------------------------|----------|
| Public School 1.....      | \$800 00 |
| Public School 8.....      | 300 00   |
| Public School 16.....     | 500 00   |
| Public School 23.....     | 400 00   |
| Public School 106.....    | 400 00   |
| Public School 113.....    | 500 00   |
| Public School 124.....    | 400 00   |
| Public School 125.....    | 400 00   |
| Public School 130.....    | 500 00   |
| No. 146 Grand street..... | 400 00   |

A separate proposal must be submitted for each school and award will be made thereon.

No. 8. FOR FURNITURE FOR PUBLIC SCHOOL 81, ON ONE HUNDRED AND NINETEENTH AND ONE HUNDRED AND TWENTIETH STREETS, 175 FEET WEST OF SEVENTH AVENUE, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be 60 working days, as provided in the contract.

The amount of security required is as follows:

|             |            |
|-------------|------------|
| Item 1..... | \$2,600 00 |
| Item 2..... | 1,200 00   |
| Item 3..... | 1,200 00   |
| Item 4..... | 2,200 00   |
| Item 5..... | 2,400 00   |
| Item 6..... | 2,200 00   |
| Item 7..... | 3,500 00   |

A separate proposal must be submitted for each item and award will be made thereon.

No. 9. FOR FURNITURE FOR STUYVESANT HIGH SCHOOL, ON FIFTEENTH AND SIXTEENTH STREETS, ABOUT 80 FEET WEST OF FIRST AVENUE, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be 90 working days, as provided in the contract.

The amount of security required is as follows:

|              |            |
|--------------|------------|
| Item 1.....  | \$5,000 00 |
| Item 2.....  | 10,000 00  |
| Item 3.....  | 10,000 00  |
| Item 4.....  | 12,000 00  |
| Item 5.....  | 3,000 00   |
| Item 6.....  | 4,000 00   |
| Item 7.....  | 3,000 00   |
| Item 8.....  | 7,000 00   |
| Item 9.....  | 3,000 00   |
| Item 10..... | 5,000 00   |

A separate proposal must be submitted for each item and award will be made thereon.

#### Borough of Queens.

No. 10. FOR ALTERATIONS, REPAIRS, ETC., TO PUBLIC SCHOOLS 35, 36, 47, 52, 57, 59, 60, 62 AND 66, BOROUGH OF QUEENS.

The time allowed to complete the whole work on each school will be until August 24, 1907, as provided in the contract.

The amount of security required is as follows:

|                       |          |
|-----------------------|----------|
| Public School 35..... | \$500 00 |
| Public School 36..... | 500 00   |
| Public School 47..... | 500 00   |
| Public School 52..... | 400 00   |
| Public School 57..... | 1,300 00 |
| Public School 59..... | 900 00   |
| Public School 60..... | 400 00   |
| Public School 62..... | 900 00   |
| Public School 66..... | 400 00   |

A separate proposal must be submitted for each school, and award will be made thereon.

On Contracts Nos. 4, 5 and 6 the bids will be compared and the contract awarded to the lowest bidder in a lump sum on each contract.

On Contracts Nos. 7, 8, 9 and 10 the bidders must state the price of each or any article or item contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested.

Extensions must be made and footed up, as the bids will be read from the total of each item, and award made to the lowest bidder on each item.

Delivery will be required to be made at the time and manner and in such quantities as may be directed.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent at Estimating Room, ninth floor, Hall of the Board of Education, Park avenue and Fifty-ninth 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 April 18, 1907.

a17,29

See General Instructions to Bidders on the last page, last column, of the "City Record."

#### BOARD OF ASSESSORS.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

#### BOROUGH OF BROOKLYN.

List 924, No. 1. Regulating, grading, paving with asphalt pavement and curbing Railroad avenue, between Jamaica and Glenmore avenues; together with a list of awards for damages caused by a change of grade.

List 915, No. 2. Fencing vacant lots on the south side of Fortieth street, between Third and Fourth avenues, and on the north side of Forty-first street, between Third and Fourth avenues; on the north side of Dean street, between Grant square and Nostrand avenue; on the south side of Bainbridge street, between Reid and Patchen avenues; on the northeast side of Hamilton avenue, between Second avenue and Sixteenth street; on the east side of Junius street, between Glenmore and Pitkin avenues; on the south side of Glenmore avenue, between Junius street and Van Sinderen avenue; on the west side of Essex street, between Ridgewood and Arlington avenues; on the south side of Ridgewood avenue, between Linwood and Essex streets; on the south side of Fort Hamilton parkway, between Forty-first and Forty-second streets; on the south side of Fifty-eighth street, between Third and Fourth avenues; on the west side of Fourth avenue, between Fifty-eighth and Fifty-ninth streets, and on the north side of Fifty-ninth street, between Third and Fourth avenues.

List 916, No. 3. Fencing vacant lots on south side Eighth street, between Eighth avenue and

Prospect Park West; on the northeast side of Vandervoort place, between Thames street and Flushing avenue, and on the east side of Essex street, between Jamaica and Ridgewood avenues.

List 916, No. 4. Laying cement sidewalks on the south side of Forty-fourth street, between Fifth and Sixth avenues; on the southwest corner of Forty-fourth street and Seventh avenue; on the north side of Seventy-ninth street, between Fifth and Sixth avenues; on the south side of Fifty-first street, between Sixth and Eighth avenues; on the north side of Fifty-first street, between Sixth and Eighth avenues; on the north side of Sixty-second street, between Fourth and Fifth avenues.

List 920, No. 5. Paving with asphalt on concrete foundation and relaying brick gutters on East Fifteenth street, between Dorchester road and Ditmas avenue.

List 921, No. 6. Paving with asphalt on a concrete foundation Glenn street, from Railroad avenue to Euclid avenue.

List 922, No. 7. Paving with asphalt on a concrete foundation Sixty-second street, between Fourth and Fifth avenues.

List 923, No. 8. Paving with asphalt on a concrete foundation Seventy-fourth street, between Third and Fourth avenues.

List 924, No. 9. Curbing and recuring and paving gutters with cement both sides of Thirteenth avenue, from Eighty-second to Eighty-third street, and the west side of Thirteenth avenue, from Eighty-third to Eighty-sixth street.

List 925, No. 10. Paving with asphalt pavement on concrete foundation Fortieth street, between New Utrecht and Fort Hamilton avenues.

List 924, No. 11. Paving with asphalt pavement on concrete foundation Hopkinson avenue, between Eastern parkway extension and Blake avenue.

List 923, No. 12. Sewer in Seventy-sixth street, between Fourth and Sixth avenues.

List 922, No. 13. Paving Dumont avenue with asphalt pavement on a concrete foundation, between Rockaway avenue and Powell street.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Railroad avenue, from Jamaica to Glenmore avenue, and to the extent of half the block at the intersecting streets.

No. 2. North side of Forty-first and south side of Fortieth street, between Third and Fourth avenues; north side of Dean street, between Nostrand avenue and Grant Square; south side of Bainbridge avenue, between Patchen and Reid avenues; Lots Nos. 75 and 76 of Block 1045, located on the northeast side of Hamilton avenue, near Second avenue; southeast corner of Glenmore avenue and Junius street; southwest corner of Essex street and Ridgewood avenue; east side of Fort Hamilton avenue (parkway), between Forty-first and Forty-second streets; south side of Fifty-eighth street, between Third and Fourth avenues.

No. 3. South side of Eighth street, between Eighth avenue and Prospect Park West; east side of Vandervoort place, between Thames street and Flushing avenue; east side of Essex street, between Ridgewood and Jamaica avenues.

No. 4. South side of Forty-fourth street, between Fifth and Sixth avenues; southwest corner of Forty-fourth street and Seventh avenue; north side of Seventy-ninth street, between Fifth and Sixth avenues; north side of Fifty-first street, between Sixth and Eighth avenues; both sides of Prospect place, between Underhill and Euclid avenues.

No. 5. Both sides of Marlborough road (East Fifteenth street), from Dorchester road to Ditmas avenue, and to the extent of half the block at the intersecting streets.

No. 6. Both sides of Glen street, from Euclid avenue to Railroad avenue, and to the extent of half the block at the intersecting streets.

No. 7. Both sides of Sixty-second street, from Fourth to Fifth avenue, and to the extent of half the block at the intersecting streets.

No. 8. Both sides of Seventy-fourth street, from Third to Fourth avenue, and to the extent of half the block at the intersecting streets.

No. 9. Both sides of Thirteenth avenue, from Eighty-second to Eighty-third street, and the west side of Thirteenth avenue, from Eighty-third to Eighty-sixth street.

No. 10. Both sides of Fortieth street, from New Utrecht avenue to Fort Hamilton avenue, and to the extent of half the block at the intersecting streets.

No. 11. Both sides of Hopkinson avenue, from Blake avenue to Eastern parkway extension, and to the extent of half the block at the intersecting streets.

No. 12. Both sides of Seventy-sixth street, from Fourth to Seventh avenue; west side of Sixth avenue, between Seventy-fifth and Seventy-sixth streets; south side of Seventy-fifth street, between Fifth and Seventh avenues, and the north side of Seventy-seventh street, between Sixth and Seventh avenues.

No. 13. Both sides of Dumont avenue, from the west side of Rockaway avenue to the east side of Powell street, and to the extent of half the block at the intersecting streets.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before May 28, 1907, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

ANTONIO ZUCCA,  
PAUL WEIMANN,  
JAMES H. KENNEDY,  
Board of Assessors.

WILLIAM H. JASPER,  
Secretary,  
No. 320 Broadway.  
City of New York, Borough of Manhattan,  
April 22, 1907.

a23,m3

flag East Seventy-fourth street, from the west line of Exterior street to a point 87.30 feet westerly, and placing the necessary bridgestone thereon.

List 9205, No. 18. Repairing sidewalk at No. 344 East Fortieth street.

List 9206, No. 19. Repairing sidewalk at No. 552 Greenwich street.

List 9207, No. 20. Repairing sidewalk at Nos. 555 to 559 Hudson street.

List 9208, No. 21. Receiving basin at the northwest corner of One Hundred and Thirty-third street and Lenox avenue.

List 9209, No. 22. Receiving basin at the northwest corner of One Hundred and Fortieth street and Fifth avenue.

List 9210, No. 23. Receiving basin at the northwest corner of One Hundred and Forty-fourth street and Convent avenue.

List 9211, No. 24. Curbing, recuring, flagging and laying crosswalks in West One Hundred and Thirty-seventh street, between Riverside Drive and Broadway.

List 9226, No. 25. Paving with granite blocks on concrete foundation, curbing, recuring and laying crosswalks in West One Hundred and Forty-fourth street, from Broadway to a point about 271.44 feet westerly.

List 9227, No. 26. Regulating, grading, curbing, recuring, flagging and relaying West One Hundred and Seventy-seventh street, between St. Nicholas avenue and Broadway.

List 9156, No. 27. Paving with asphalt blocks on a concrete foundation One Hundred and Fifty-fourth street, between Eighth avenue and Macomb's Dam road.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of One Hundred and Thirtyninth street, from Amsterdam avenue to Hamilton place, and to the extent of half the block at the intersecting streets.

No. 2. Both sides of One Hundred and Fifty-third street, from Bradhurst to Eighth avenue, and to the extent of half the block at the intersecting streets.

No. 3. Both sides of Two Hundred and Eleventh street, from Broadway to Tenth avenue, and to the extent of half the block at the intersecting streets.

No. 4. East side of St. Nicholas avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-ninth streets; west side of St. Nicholas avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-eighth streets.

No. 5. Both sides of One Hundred and Fortieth street, from St. Nicholas avenue to Edgecombe avenue, and to the extent of half the block at the intersecting avenues.

No. 6. Northwest corner of One Hundred and Fifty-fourth street, from Broadway to Tenth avenue, and to the extent of half the block at the intersecting avenues.

No. 7. Northeast

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 7th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter as amended.

Dated Borough of Manhattan, New York,  
JOSEPH M. SCHENCK,  
Clerk.  
a25,m6

## FIRST JUDICIAL DISTRICT.

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 the wharfage rights, terms, easements, emoluments and privileges appurtenant to the dock or wharf property known as GOUVERNEUR SLIP, PIKE EAST, formerly known as Pier (old) No. 52, East river, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all right, title and interest in and to said pier, or any portion thereof, not now owned by The City of New York, for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court 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 7th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated Borough of Manhattan, New York  
April 24, 1907.

JOSEPH M. SCHENCK,  
Clerk.  
a25,m6

## FIRST 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 the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIERS (OLD) Nos. 19 AND 20, EAST RIVER, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all right, title and interest in and to said piers, or any portion thereof not now owned by The City of New York, and all wharfage rights, terms, easements, emoluments and privileges appurtenant to all that certain bulkhead, dock or wharf property on or near the southerly side of South street, in said borough and City, between the easterly side of Pier (old) No. 19 and the westerly side of Pier (old) No. 20, East river, not now owned by The City of New York, for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A supplemental 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 7th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated Borough of Manhattan, New York, April 24, 1907.

THOMAS F. DONNELLY,  
MEYER JACKSON,  
MICHAEL T. DALY,  
Commissioners.  
JOSEPH M. SCHENCK,  
Clerk.  
a25,m6

## FIRST 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 the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIERS (OLD) Nos. 16 AND 17, EAST RIVER, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all right, title and interest in and to said piers or any portion thereof, not now owned by The City of New York, and all wharfage rights, terms, easements, emoluments and privileges appurtenant to all that certain bulkhead, dock or wharf property on or near the southerly line of South street, in said borough and City, between the easterly side of Pier (old) No. 16 and the westerly side of Pier (old) No. 17, and between the easterly side of Pier (old) No. 17 and the westerly side of Pier (old) No. 18, East river, not now owned by The City of New York, for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court 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 7th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York,

there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated Borough of Manhattan, New York, April 24, 1907.

JOSEPH M. SCHENCK,  
Clerk.  
a25,m6

## FIRST 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 the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIER (OLD) NO. 13, EAST RIVER, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all right, title and interest in and to said pier, or any portion thereof not now owned by The City of New York, and all wharfage rights, terms, easements, emoluments and privileges appurtenant to all that certain bulkhead, dock or wharf property on or near the southerly line of South street, in said borough and City, between the easterly side of Pier (old) No. 12 and the westerly side of Pier (old) No. 13, and appurtenant to the westerly one-half part of the bulkhead, dock or wharf property between the easterly side of Pier (old) No. 13, and the westerly side of Pier (old) No. 14, East river, not now owned by The City of New York, for the improvement of the water front of The City of New York on the East river, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter, will be presented for taxation to one of the Justices of the Supreme Court 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 7th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended.

Dated Borough of Manhattan, New York  
April 24, 1907.

JOSEPH M. SCHENCK,  
Clerk.  
a25,m6

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of FAIRVIEW AVENUE (although not yet named by proper authority), from Eleventh avenue to Broadway, in the Twelfth Ward, Borough of Manhattan, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our supplemental and amended estimate of assessment for benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 17th day of May, 1907.

Second—That the abstract of our said supplemental and amended estimate of assessment, together with our benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 17th day of May, 1907.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at the point of intersection of a line drawn at right angles to the easterly line of Broadway, from a point midway of the block between Fairview avenue and West One Hundred and Eighty-seventh street with a line parallel to and 100 feet westerly from the westerly line of Broadway; thence running northerly along said parallel line to its intersection with the westerly prolongation of the northerly line of Hillside avenue; thence easterly along said westerly prolongation of Hillside avenue to the corner formed by the intersection of the southeasterly line of Nagle avenue and the northerly line of Hillside avenue; thence northeasterly along the southeasterly line of Nagle avenue to the corner formed by the intersection of the southeasterly line of Nagle avenue and the easterly line of Ellwood street; thence easterly on a straight line to its intersection with a line drawn at right angles to the westerly line of St. Nicholas avenue and distant 100 feet westerly therefrom from a point midway of the block between Nagle avenue and Fairview avenue; thence southeasterly along the last-mentioned right-angled line and its southeasterly prolongation to its intersection with a line parallel to and distant 100 feet northerly of the northerly line of Fort George avenue; thence easterly along said line parallel to Fort George avenue and southeasterly and southerly along a line parallel to and distant 100 feet northeasterly and easterly from the northeasterly and easterly line of Amsterdam avenue to its intersection with the northerly line of West One Hundred and Ninetieth street; thence westerly along said last-mentioned prolongation and northerly line of West One Hundred and Ninetieth street and its westerly prolongation to its intersection with the middle line of the block between Wadsworth avenue and Broadway; thence southerly along said middle line of the block to its intersection with a line drawn parallel to West One Hundred and Eighty-seventh street from a point in the easterly line of Broadway midway of the block between Fairview avenue and West One Hundred and Eighty-seventh street; thence westerly along said parallel line to the point or place of beginning; excepting from said area all streets, avenues and roads

thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That, provided there be no objections filed to said abstract, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in The City of New York, on the 20th day of June, 1907, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to said abstract of estimate of assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 19, 1907.

HAROLD SWAIN,  
Chairman;  
SAMUEL S. SLATER,  
JOHN J. QUINLAN,  
Commissioners.  
JOHN P. DUNN,  
Clerk.

a25,m13

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of BARRY STREET (although not yet named by proper authority), from Leggett avenue to Longwood avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 6th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of the Greater New York Charter as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, April 23, 1907.

T. CHANNON PRESS,  
THOMAS KIERNAN,  
SEYMOUR MORK,  
Commissioners.

JOHN P. DUNN,  
Clerk.

a23,m3

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of FOX STREET (although not yet named by proper authority), from Longwood avenue to Intervale avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 6th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of the Greater New York Charter as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, April 23, 1907.

HENRY LIPPS, JR.,  
GEO. J. CLARKE,  
GERALD J. BARRY,  
Commissioners.

JOHN P. DUNN,  
Clerk.

a23,m3

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND SIXTY-THIRD STREET (although not yet named by proper authority), from Fort Washington avenue to Riverside drive, in the Twelfth Ward, Borough of Manhattan, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 8th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 10th day of May, 1907, at 1 o'clock p.m.

Second—That the abstract of our said estimate of damage, together with our damage map, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 10th day of May, 1907.

Third—That we propose to assess for benefit which assessment will appear in our last partial and separate abstract of estimate and assessment and will be contained in our last partial and separate report, all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at a point formed by the intersection of a line parallel to and distant 100 feet easterly from the easterly line of Edgecombe road and the easterly prolongation of a line parallel to and distant 100 feet southerly of the southerly line of West One Hundred and Sixty-third street; running thence westerly along said easterly prolongation and parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Fort Washington avenue; thence southerly along said parallel line to its intersection with a line parallel to and distant 100 feet southerly from the southerly line of West One Hundred and Sixty-second street; thence westerly along said parallel line to its intersection with a line midway between the easterly property line of the New York Central and Hudson River Railroad and Riverside drive; thence northerly along said line midway between the easterly property line of the New York Central and Hudson River Railroad and Riverside drive, to its intersection with the westerly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-fourth street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet easterly of the easterly line of Fort Washington avenue; thence southerly along said parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Fort Washington avenue, excepting from said area all streets, avenues and roads

thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

WHITE PLAINS ROAD (although not yet named by proper authority), from Morris Park avenue to West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT the supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House, in The City of New York, on the 6th day of May, 1907, at 10:30 o'clock in forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, April 22, 1907.

HENRY LIPPS, JR.,  
JACOB STAHL, JR.,  
RODERICK J. KENNEDY,  
Commissioners.

JOHN P. DUNN,  
Clerk.

a22,m2

## FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of AVENUE B, from East Twenty-first street to Marginal street, wharf or place, as laid out on July 14, 1905, in the Eighteenth Ward, Borough of Manhattan, 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 Just

to and distant 100 feet northerly of the northerly line of West One Hundred and Sixty-third street; thence easterly along said parallel line to its intersection with a line parallel to and distant 100 feet easterly of the easterly line of Edgecombe road; thence southerly along said parallel line to Edgecombe road, to the point or place of beginning.

Fourth—That, provided there be no objections filed to said abstract, our first partial and separate report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 13th day of June, 1907, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to said abstract of estimate of damage, the notice of motion to confirm our first partial and separate report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the *CITY RECORD*, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 5, 1907.

EDWARD J. McGEEAN,  
Chairman;  
JAMES M. TULLY,  
WALTER LINDNER,  
Commissioners.

JOHN P. DUNN,  
Clerk.

a18,m6

#### FIRST DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises situated on the northerly side of One Hundred and Eleventh and the southerly side of One Hundred and Twelfth street, between Park and Lexington avenues, in the Borough of Manhattan, duly selected as a site for school purposes according to law.

NOTICE IS HEREBY GIVEN THAT Monte Hutzler, appointed a Commissioner of Estimate and Appraisal in the above entitled proceeding by an order of the Supreme Court, dated April 11, 1907, and filed in the office of the Clerk of the County of New York, will appear before the Justice of the Supreme Court, sitting at Special Term, Part II., to be held at the County Court House in the Borough of Manhattan, on the 29th day of April, 1907, at 11 o'clock in the forenoon to be examined as to his qualifications to act as such Commissioner.

Dated, New York, April 17, 1907.

WILLIAM B. ELLISON,  
Corporation Counsel  
a18,29

#### FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of the approaches to the bridge over the Spuyten Duyvil and Port Morris Railroad on the line of Depot place at High Bridge, in the Twenty-third Ward, Borough of The Bronx, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 8th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 10th day of May, 1907, at 11 o'clock a.m.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 10th day of May, 1907.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of a line parallel to and distant 100 feet easterly from the easterly line of St. Nicholas avenue with the easterly prolongation of a line parallel to and distant 100 feet southerly from the southerly line of West One Hundred and Sixty-first street; running thence westerly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Broadway; thence southerly along said parallel line to its intersection with a line parallel to and distant 100 feet southerly from the southerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with a line parallel to and distant 100 feet southerly from the southerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to the easterly line of the New York Central and Hudson River Railroad Company; thence northerly along said property line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-second street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of St. Nicholas avenue; thence southerly along said parallel line to the point or place of beginning.

Fourth—That, provided there be no objections filed to said abstract, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 18th day of June, 1907, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to said abstract of estimate of damage, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the *CITY RECORD*, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 15, 1907.

WALLACE S. FRASER,  
Chairman;  
TIMOTHY E. COHALAN,  
FRANCIS W. POLLOCK,  
Commissioners.

JOHN P. DUNN,  
Clerk.

a18,m6

#### FIRST DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises, situated on the northerly line of SEVENTYNINTH STREET, between Second and Third avenues, in the Borough of Manhattan, duly selected for school purposes, according to law.

NOTICE IS HEREBY GIVEN THAT THE report of George M. Bayne, Patrick J. Conway and Bernard M. L. Ernst, Commissioners of Estimate and Appraisal, duly appointed in the above-entitled proceeding, which report bears date the 17th day of April, 1907, was filed in the office of the Board of Education of The City of New York, on the 17th day of April,

1907, and a duplicate of said report was filed in the office of the Clerk of the County of New York on the same day.

Notice is further given that the said report will be presented for confirmation to the Supreme Court of the State of New York, in the First Judicial District, at Special Term, Part III., thereof, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the 7th day of May, 1907, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, April 17, 1907.

WILLIAM B. ELLISON,  
Corporation Counsel,  
Hall of Records,  
Borough of Manhattan,  
City of New York.

a18,29

#### FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND SIXTY-FIRST STREET (although not yet named by proper authority), from Broadway to Riverside drive, in the Twelfth Ward, Borough of Manhattan, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 8th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 10th day of May, 1907, at 12 o'clock m.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 10th day of May, 1907.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of a line parallel to and distant 100 feet easterly from the easterly line of St. Nicholas avenue with the easterly prolongation of a line parallel to and distant 100 feet southerly from the southerly line of West One Hundred and Sixty-first street; running thence westerly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of Broadway; thence southerly along said parallel line to its intersection with a line parallel to and distant 100 feet southerly from the southerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to the easterly line of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-second street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet easterly from the easterly line of St. Nicholas avenue; thence southerly along said parallel line to the point or place of beginning.

Fourth—That, provided there be no objections filed to said abstract, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 13th day of June, 1907, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to said abstract of estimate of damage, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the *CITY RECORD*, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 15, 1907.

WALLACE S. FRASER,  
Chairman;  
TIMOTHY E. COHALAN,  
FRANCIS W. POLLOCK,  
Commissioners.

JOHN P. DUNN,  
Clerk.

a18,m6

#### FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the widening of RIVERSIDE DRIVE, from West One Hundred and Fifty-eighth street to West One Hundred and Sixty-fifth street, in the Twelfth Ward, Borough of Manhattan, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 8th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 10th day of May, 1907, at 12 o'clock m.

Second—That the abstract of our said estimate of damage, together with our damage maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 10th day of May, 1907.

Third—That we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, and will be contained in our last partial and separate report, all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence northerly along said middle line to its intersection with the easterly prolongation of a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence easterly along said prolongation and parallel line to its intersection with a line parallel to and distant 100 feet northerly from the northerly line of West One Hundred and Sixty-first street; thence westerly along said parallel line to its intersection with the middle line of the block between Riverside drive and the property of the New York Central and Hudson River Railroad Company; thence norther

III., to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 17th day of June, 1907, at the opening of the Court on that day.

Fourth—In case, however, objections are filed to said abstract of estimate of damage, the notice of motion to confirm our supplemental and amended second partial and separate final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, April 17, 1907.

ARTHUR BERRY,  
Chairman;  
E. W. BLOOMINGDALE,  
EDWARD B. WHITNEY,  
Commissioners.

JOHN P. DUNN,  
Clerk.

a17,m4

#### FIRST DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises situated in the block bounded by TWENTY-SEVENTH AND TWENTY-EIGHTH STREETS, NINTH AND TENTH AVENUES, in the Borough of Manhattan, as a site for public park purposes, according to law.

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 29th day of April, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, April 15, 1907.

JOSEPH M. SCHENCK,  
Clerk.

a16,26

#### SUPREME COURT—SECOND DEPARTMENT.

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening GRANT AVENUE, from Atlantic avenue to Liberty avenue, in the Twenty-sixth Ward in the Borough of Brooklyn of The City of New York, as the same has been heretofore laid out.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and Assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby and having objections thereto, do present their said objections in writing, duly verified, to us at our office in the office of the Law Department, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 14th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 16th day of May, 1907, at 11 o'clock a.m.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, in the Borough of Brooklyn, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, there to remain until the 25th day of May, 1907.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning on the southerly side of Atlantic avenue, where the same is intersected by the centre line of the block between Grant avenue and Eldert's lane; running thence southerly and along the centre line of the blocks between Grant avenue and Eldert's lane to the northerly side of Liberty avenue; running thence westerly and along the northerly side of Liberty avenue to the centre line of the block between Sheridan avenue and Grant avenue; running thence northerly and along the centre line of the blocks between Sheridan avenue and Grant avenue to the southerly side of Atlantic avenue; running thence easterly and along the southerly side of Atlantic avenue to the point or place of beginning.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 22d day of July, 1907, at the opening of the Court on that day.

Dated Borough of Brooklyn, The City of New York, April 25, 1907.

AUGUSTUS C. FISCHER,  
Chairman;  
JOHN H. DOUGLASS,  
DANIEL G. CAMPION,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

a25,m11

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening SIXTIETH

STREET, between the bulkhead line and Third avenue, in the Eighth and Thirtieth Wards, in the Borough of Brooklyn, The City of New York, as the same has been heretofore 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, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court House, in the Borough of Brooklyn, in The City of New York, on the 9th day of May, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Brooklyn, New York, April 25, 1907.

M. E. FINNEGAR,  
A. C. WHEELER,  
CHARLES H. COTTON,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

a25,m6

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening FORTIETH STREET, from the former city line to New Utrecht avenue, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York, as the same has been heretofore 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 for the hearing of motions, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 2d day of May, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Greater New York Charter, as amended.

Dated New York, April 19, 1907.

WILLIAM ALLAIRE SHORTT,  
RUSSELL BLEECKER,  
J. JUDSON WORRELL,  
Joseph M. SCHENCK,  
Clerk.

a20,m1

##### 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 lands and premises 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 for ferry purposes, between RICHMOND AVENUE AND FERRY STREET, PORT RICHMOND, in the Borough of Richmond, 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 A bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 2d day of May, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated New York, April 19, 1907.

JOSEPH M. SCHENCK,  
Clerk.

a20,m1

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening CORNELIA STREET, from Knickerbocker avenue to the Borough line of Queens, in the Twenty-eighth Ward in the Borough of Brooklyn, The City of New York, as the same has been heretofore 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, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court House in the Borough of Brooklyn, in The City of New York, on the 2d day of May, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated New York, April 19, 1907.

GEORGE H. PERRY,  
BINGHAM T. WILSON,  
THOMAS WALL,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

a19,30

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening an extending the PUBLIC PLACE bounded by Division avenue, Marcy avenue, Ross street and the proposed extension of Bedford avenue, in the Nineteenth Ward, in the Borough of Brooklyn, The City of New York, as the same has been heretofore 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, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court House in the Borough of Brooklyn, in The City of New York, on the 2d day of May, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated New York, April 19, 1907.

JOHN C. JUDGE,  
PETER J. HICKY,  
CHARLES A. OGREN,  
Commissioners.

a19,30

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening FIFTY-FIRST STREET, between Ninth avenue and New Utrecht avenue, in the Thirtieth Ward, in the Borough of Brooklyn, The City of New York, as the same has been heretofore laid out.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court House, in the Borough of Brooklyn, in The City of New York, on the 2d day of May, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated New York, April 19, 1907.

JOHN C. JUDGE,  
PETER J. HICKY,  
CHARLES A. OGREN,  
Commissioners.

a19,30

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening and extending of the PUBLIC PLACE bounded by Division avenue, Marcy avenue, Ross street and the proposed extension of Bedford avenue, in the Nineteenth Ward, in the Borough of Brooklyn, The City of New York, as the same has been heretofore 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, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court House in the Borough of Brooklyn, in The City of New York, on the 2d day of May, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated New York, April 19, 1907.

GEORGE W. BAILDON,  
PHILIP T. WILLIAMS,  
WALTER THORN,  
Commissioners.

a19,30

##### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to AVE-NU L, from the easterly side of Nostrand avenue to the westerly side of Flatbush avenue, in the Thirty-second Ward, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court, made and entered herein on the 26th day of September, 1904, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 30th day of September, 1904, and indexed in the Index of Conveyances in Section 23, Blocks 7630, 7631, 7632, 7633, 7634, 7635, 7636, 7637, 7648, 7649, 7650, 7651, 7652, 7653, 7654, 7655, 7810 and 7815, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss and damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue so to be opened to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by title 4 of chapter 17 of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office in the Bureau of Street Openings of the Law Department, No. 166 Montague street, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 14th day of May, 1907, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in re-

day, and upon such subsequent days as may be found necessary.

Dated New York, April 19, 1907.

WILLIAM ALLAIRE SHORTT,  
RUSSELL BLEECKER,  
J. JUDSON WORRELL,  
Joseph M. SCHENCK,  
Clerk.

a20,m1

##### 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 the lands, tenements and wharf property necessary to be taken for the improvement of the water front and harbor of The City of New York for ferry purposes, between RICHMOND AVENUE AND FERRY STREET, PORT RICHMOND, in the Borough of Richmond, 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 A bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 2d day of May, 1907, at 10:30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be

lation thereto; and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The City of New York.

Dated Borough of Brooklyn, The City of New York, April 19, 1907.

JOSEPH P. CONWAY,  
JOHN C. McGROARTY,  
JOS. F. CURREN,

Commissioners.

JAMES F. QUIGLEY,  
Clerk.

a19,m11

#### KINGS COUNTY.

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 EIGHTY-FOURTH STREET, from First avenue to Fourth avenue, Seventh avenue to Tenth avenue, and Twelfth avenue to Eighteenth avenue, in the Thirtieth and Thirty-first Wards of the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT AN application will be made to the Supreme Court of the State of New York at a Special Term thereof, appointed for the hearing of motions, to be held in the Kings County Court House, in the Borough of Brooklyn, City of New York, on the 30th day of April, 1907, at the opening of the Court on that day, or as soon thereafter as counsel can be heard, for an order amending the above entitled proceeding by excluding therefrom all the lands indicated on the rule map herein, and upon the draft damage map herein, which lie within the lines of said Eighty-fourth street, between Eighteenth avenue and Stillwell avenue, and that as to said property the said proceedings be discontinued.

Dated April 18, 1907.

WILLIAM B. ELLISON,  
Corporation Counsel,  
No. 166 Montague street,  
Brooklyn, N. Y.

a18,29

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of EAST NINETY-FOURTH STREET, from Sea View avenue to East New York avenue, in the Twenty-ninth and Thirty-second Wards, Borough of Brooklyn, City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our amended and supplemental estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections, in writing, duly verified, to us at our office, No. 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 7th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 8th day of May, 1907, at 11 o'clock a. m.

Second—That the abstracts of our said amended and supplemental estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague street, in said City, there to remain until the 17th day of May, 1907.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the southerly side of East New York avenue where the same is intersected by the centre line of the block between East Ninety-fourth street and East Ninety-fifth street; running thence southerly and along the centre line of the blocks between East Ninety-fourth street and East Ninety-fifth street to the northerly side of Sea View avenue; running thence westerly along the northerly side of Sea View avenue to the centre line of the block between East Ninety-third street and East Ninety-fourth street; running thence northerly and along the centre line of the blocks between East Ninety-third street and East Ninety-fourth street to the southerly side of East New York avenue; running thence easterly along the southerly side of East New York avenue to the point or place of beginning.

Fourth—That our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 29th day of July, 1907, at the opening of the Court on that day.

Dated Borough of Brooklyn, New York, April 17, 1907.

HERSEY EGGINTON,  
F. H. KENNY,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

a17,m3

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening EAST FORTIETH STREET, from Canarsie avenue or lane to Foster avenue (formerly Avenue E), in the Twenty-ninth Ward, in the Borough of Brooklyn, The City of New York, as the same has been heretofore 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, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court House, in the Borough of Brooklyn, in The City of New York, on the

30th day of April, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Brooklyn, New York, April 17, 1907.

ANDREW J. PERRY,  
JOHN C. McGROARTY,  
SOLON BARBANEL,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

a17,27

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening REPOSE PLACE, from Schenck avenue to Jerome street, in the Twenty-sixth Ward, in the Borough of Brooklyn, The City of New York, as the same has been heretofore 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, at a Special Term thereof, to be held for the hearing of motions, at the Kings County Court House, in the Borough of Brooklyn, in The City of New York, on the 30th day of April, 1907, 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 the provisions of section 999 of title 4 of chapter 17, of chapter 378 of the Laws of 1897, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Brooklyn, New York, April 17, 1907.

EDWARD RIEGELMANN,  
F. B. VANWART,  
JOSE E. PIDGEON,  
Commissioners.

JAMES F. QUIGLEY,  
Clerk.

a17,27

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of EAST NINETY-FOURTH STREET, from Sea View avenue to East New York avenue, in the Twenty-ninth and Thirty-second Wards, Borough of Brooklyn, City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment, in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 8th day of May, 1907, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 14th day of May, 1907, at 2 o'clock p. m.

Second—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 17th day of May, 1907.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of a line parallel to and distant 100 feet northerly from the northerly line of Richmond terrace with the northerly prolongation of the westerly line of Van Name avenue; running thence southerly along said northerly prolongation and westerly line of Van Name avenue, to a point 150 feet northerly of the northerly line of the Staten Island Rapid Transit Railroad Company; thence westerly at right angles to Van Name avenue; thence southerly along the westerly line of Van Pelt avenue; thence southerly along the westerly line of Van Pelt avenue to the lands of the Staten Island Rapid Transit Railroad Company; thence westerly following the line of the said railroad to a line parallel to and 100 feet westerly of the westerly line of Bush avenue; thence northerly along said parallel line and said line prolonged to its intersection with a line parallel to and 100 feet northerly of the northerly line of Richmond terrace; thence easterly along said parallel line to the point or place of beginning; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened as shown upon our benefit maps deposited as aforesaid.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 18th day of June, 1907, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have heretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated, Borough of Manhattan, New York, April 6, 1907.

FRANK H. INNES,  
Chairman;  
DAVID P. SCHWARTZ,  
DAVID RABINOWITZ,  
Commissioners.

JOHN P. DUNN, Clerk.

a17,m6

#### 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 lands and premises under water and wharf property necessary to be taken for the improvement of the water front and harbor of The City of New York for ferry purposes, between RICHMOND AVENUE AND FERRY STREET, PORT RICHMOND, in The Borough of Richmond, 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.

14 minutes west 47.3 feet, south 25 degrees 19 minutes west 49.6 feet, south 35 degrees 59 minutes west 24.8 feet, and south 11 degrees 36 minutes west 193.5 feet to a point in the easterly line of Parcel No. 140; thence along the said easterly line, south 39 degrees 4 minutes east 52 feet, south 22 degrees 39 minutes 458.8 feet, and north 67 degrees 43 minutes west 52.2 feet, crossing Samsonville road; thence still continuing along the said easterly line and the southerly line of Parcel No. 140 the following courses and distances: South 72 degrees 17 minutes west 602.6 feet, south 24 degrees 45 minutes west 272.5 feet, south 45 degrees 21 minutes west 399.3 feet, south 56 degrees 36 minutes west 466.4 feet, south 20 degrees 30 minutes west 751.3 feet, and north 70 degrees 28 minutes west 30.9 feet to the westerly line of said parcel; thence along the same, north 44 degrees 6 minutes west 251.1 feet; thence on a curve of 633 feet radius to the right 760 feet, and north 24 degrees 44 minutes east 963.7 feet, partly along the westerly line of Parcel No. 140 and along the westerly line of Parcel No. 141; thence still continuing along the westerly line of Parcel No. 140 on a curve of 1,367 feet radius to the left 479.3 feet; thence north 4 degrees 40 minutes east 4,019.6 feet, partly along the westerly line of said Parcel No. 140, and along the westerly line of Parcel No. 149 and partly along the westerly line of Parcel No. 156; thence still continuing along the westerly line of Parcel No. 156 on a curve of 467 feet radius to the left 59.9 feet to the most southerly point of parcel No. 170; thence along the southerly lines of said parcel and of said parcel the following curves, courses and distances: On a curve of 467 feet radius to the left 386.2 feet and north 50 degrees 05 minutes west 261.8 feet; thence on a curve of 667 feet radius to the left 453.2 feet and north 89 degrees 00 minutes west 29 feet; thence along the southerly lines of parcels Nos. 179 and 177, north 89 degrees 00 minutes west 981.4 feet; thence on a curve of 1,067 feet radius to the left 647.1 feet and south 56 degrees 15 minutes west 119.3 feet to the most southerly point of the before-mentioned parcel No. 177; thence still continuing along the southerly line of said parcel No. 177, north 36 degrees 01 minute west 73.8 feet, north 10 degrees 43 minutes west 34.4 feet, north 36 degrees 47 minutes west 410.3 feet, north 60 degrees 10 minutes west 182.1 feet, north 81 degrees 59 minutes west 143.3 feet and south 86 degrees 32 minutes west 477.5 feet to the most westerly point of said parcel; thence along the westerly line of parcel No. 177, north 20 degrees 26 minutes east 322.8 feet, north 16 degrees 17 minutes east 871.2 feet and north 28 degrees 56 minutes west 480.8 feet to the northwest corner of said parcel; thence along the northerly line of same the following courses and distances: North 50 degrees 14 minutes east 262.4 feet, north 62 degrees 19 minutes east 103.6 feet, south 5 degrees 58 minutes east 166.7 feet, south 68 degrees 54 minutes east 872.3 feet, south 59 degrees 54 minutes east 129.6 feet and north 16 degrees 03 minutes east 553.4 feet to the south property line of the Ulster and Delaware Railroad Company; thence along the northerly line of parcel No. 177, on a curve of 1,179 feet radius to the left 630.7 feet, and north 89 degrees 48 minutes 30 seconds east 52 feet, to the northwest corner of parcel No. 180; thence along the northerly line of said parcel north 89 degrees 48 minutes 30 seconds east 112.5 feet to the northeast corner of said parcel; thence along the northerly lines of the before-mentioned parcel No. 177 and parcel No. 175, north 89 degrees 48 minutes 30 seconds east 2,106.2 feet, crossing Esopus creek to the northwest corner of Parcel No. 174; thence along the northerly line of said parcel and still continuing along the south property line of the Ulster and Delaware Railroad Company the following courses and distances: North 89 degrees 48 minutes 30 seconds east 68 feet; thence on a curve of 1,466 feet radius to the left 395.9 feet, south 45 degrees 10 minutes west 246 feet, south 44 degrees 53 minutes east 33 feet and north 45 degrees 10 minutes east 308.6 feet; thence on a curve of 1,466 feet radius to the left 139.9 feet, north 66 degrees 08 minutes east 92 feet and on a curve of 1,009 feet radius to the right 22.5 feet to the northwest corner of Parcel No. 173; thence along the northerly line of said parcel and still continuing along the south property line of the Ulster and Delaware Railroad Company, on a curve of 1,009 feet radius to the right 840.6 feet, south 64 degrees 54 minutes east 617 feet and on a curve of 1,113 feet radius to the right 156.7 feet to the northwest corner of Parcel No. 171; thence along the northerly line of said Parcel No. 171, and still continuing along the before-mentioned railroad property line, on a curve of 113 feet radius to the right 474.5 feet; thence on a curve of 1,400 feet radius to the right 214.4 feet; thence on a curve of 1,943 feet radius to the left 372.9 feet and south 34 degrees 35 minutes east 110.7 feet to the most northerly point of Parcel No. 166; thence along the easterly line of said parcel and the west property line of the before-mentioned railroad south 34 degrees 35 minutes east 202.1 feet; thence on a curve of 1,138.1 feet and south 73 degrees 48 minutes 30 seconds east 52 feet to the most easterly point of the before-mentioned Parcel No. 166; thence along the easterly line of said parcel south 79 degrees 30 minutes west 344.1 feet and south 6 degrees 23 minutes west 650.4 feet to the southeast corner of said parcel; thence along the southerly line of said parcel the following courses and distances: North 52 degrees 39 minutes west 223.2 feet and north 88 degrees 31 minutes west 349.6 feet, crossing a road leading from Olive Bridge to Shokan; thence south 34 degrees 37 minutes west 281.3 feet, south 36 degrees 05 minutes west 521.1 feet, south 32 degrees 55 minutes west 152.6 feet, south 52 degrees 41 minutes west 164.6 feet, south 81 degrees 57 minutes west 334.9 feet, and north 84 degrees 46 minutes west 108.7 feet to the centre of Esopus creek and the northeast corner of parcel No. 154; thence along the centre of said creek, south 15 degrees 32 minutes east 28.9 feet and south 37 degrees 56 minutes east 318.5 feet; thence south 51 degrees 48 minutes west 86.5 feet to the westerly shore line of the before-mentioned creek; thence along the same, and still continuing along the easterly line of parcel No. 143, south 37 degrees 19 minutes east 139.2 feet and south 27 degrees 08 minutes east 139.6 feet; thence south 66 degrees 14 minutes west 396.6 feet to the northeast corner of parcel No. 143; thence along the easterly line of said parcel, and still continuing along the easterly line of said parcel, south 15 degrees 32 minutes east 28.9 feet and south 37 degrees 56 minutes east 318.5 feet; thence south 51 degrees 48 minutes west 86.5 feet to the westerly shore line of the before-mentioned creek; thence along the same, and still continuing along the easterly line of parcel No. 143, south 37 degrees 19 minutes east 139.2 feet and south 27 degrees 08 minutes east 139.6 feet; thence south 66 degrees 14 minutes west 396.6 feet to the northeast corner of parcel No. 143; thence along the easterly line of said parcel, and still continuing along the easterly line of said parcel, south 15 degrees 32 minutes east 28.9 feet and south 37 degrees 56 minutes east 318.5 feet; thence south 51 degrees 48 minutes west 86.5 feet to the westerly shore line of the before-mentioned creek; thence along the same, and still continuing along the easterly line of parcel No. 143, south 37 degrees 19 minutes east 139.2 feet and south 27 degrees 08 minutes east 139.6 feet; thence south 66 degrees 14 minutes west 396.6 feet to the northeast corner of parcel No. 143; thence along the easterly line of said parcel, and still continuing along the easterly line of said parcel, south 15 degrees 32 minutes east 28.9 feet and south 37 degrees 56 minutes east 318.5 feet; thence south 51 degrees 48 minutes west 86.5 feet to the westerly shore line of the before-mentioned creek; thence along the same, and still continuing along the easterly line of parcel No. 143, south 37 degrees 19 minutes east 139

Reference is hereby made to the said map, filed as aforesaid, in the office of the County Clerk of the County of Ulster, for a more detailed description of the real estate to be taken in fee, as above described.

In case any property above described is used for any public purpose, such as a highway, etc., such use shall continue until The City of New York shall have legal right to take possession of or change the same.

Dated March 30, 1907.

WILLIAM B. ELLISON,  
Corporation Counsel.

Office and Post Office Address:

Hall of Records,  
Corner of Chambers and Centre Streets,  
Borough of Manhattan,  
New York City.

6,18

THIRD JUDICIAL DISTRICT—ULSTER COUNTY.

ASHOKAN RESERVOIR.

SECTION NO. 5.

NOTICE OF APPLICATION FOR THE APPOINTMENT OF COMMISSIONERS OF APPRAISAL.

PUBLIC NOTICE IS HEREBY GIVEN that it is the intention of the Corporation Counsel of The City of New York to make application to the Supreme Court of the State of New York for the appointment of Commissioners of Appraisal, under chapter 724 of the Laws of 1905, as amended. Such application will be made at a Special Term of the Supreme Court, to be held in and for the Third Judicial District, at the Court House in the City of Kingston, Ulster County, N. Y., on May 18, 1907, at 10 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard. The object of such application is to obtain an order of the Court appointing three disinterested and competent freeholders, one of whom shall reside in the County of New York, and at least one of whom shall reside in the county where the real estate hereinabove described is situated, to act as Commissioners of Appraisal under said act and discharge all the duties conferred by the said law and the acts amendatory thereof upon such Commissioners of Appraisal, for the purpose of providing an additional supply of pure and wholesome water for The City of New York.

The real estate to be acquired herein is situated in the Town of Olive, and is to be acquired in fee for the purpose of furnishing an additional supply of pure and wholesome water to The City of New York.

The following is a statement of the boundaries of the lands to be acquired herein, with a reference to the date and place of filing of the map.

All the parcels herein described are to be acquired in fee and are colored pink on the map hereinafter referred to.

All those certain pieces or parcels of real estate situated in the Town of Olive, County of Ulster and State of New York, shown on a certain map entitled "Reservoir Department, Section No. 5, Board of Water Supply of The City of New York. Map of real estate, situated in the Town of Olive, County of Ulster and State of New York, to be acquired by The City of New York under the provisions of chapter 724 of the Laws of 1905, as amended, for the construction of Ashokan Reservoir, and appurtenances, in the vicinity of Brown's Station, north of railroad," which map was filed in the office of the County Clerk of the County of Ulster, at Kingston, New York, on the 4th day of March, 1907, and is bounded and described as follows:

Beginning at a point in the north property line of the Ulster and Delaware Railroad Company, where the same is intersected by the lines between the Towns of Hurley and Olive, which point is also the most easterly point of parcel No. 181, and running thence along the southerly line of said parcel and the northerly line of said railroad, south 52 degrees 28 minutes west 1,179.7 feet to the most easterly point of parcel No. 182; thence along the southerly line of said parcel and the northerly line of the before-mentioned railroad, south 52 degrees 28 minutes west 1,219.9 feet, and on a curve of 2,898 feet radius to the left 118.9 feet to a point in the southerly line of parcel No. 183 in the centre of Beaver Kill; thence along the said southerly line on a curve of 2,898 feet radius to the left, 24.1 feet, to the most easterly point of parcel No. 184; thence along the easterly lines of said parcel and parcels Nos. 183 and 185, on a curve of 2,898 feet radius to the left, 1,346.6 feet and south 22 degrees 59 minutes west 761.4 feet; thence on a curve of 1,877 feet radius to the right 1,025.5 feet; thence on a curve of 2,259 feet radius to the right 625 feet to the centre of a road leading from Stone Church to Olive; thence still continuing along the north property line of the before mentioned railroad and along the southerly line of parcel No. 194, on a curve of 2,259 feet radius to the right 361 feet, and on a curve of 5,697 feet radius to the right 894.9 feet; thence south 88 degrees 17 minutes west 208.6 feet to the centre of a road leading from Brodhead and Shokan to Stone Church; thence still continuing along the north property line of the before mentioned railroad and running along the southerly lines of parcels Nos. 198, 199, 200, 206, 205, 212, 213, 218, 219 and 221, the following curves, courses and distances: South 88 degrees 17 minutes west 1,201.7 feet, north 40 degrees 00 minutes east 97 feet, south 7 degrees 00 minutes west 95 feet, south 87 degrees 30 minutes west 342 feet and south 12 degrees 15 minutes west 145.1 feet; thence on a curve of 1,877 feet radius to the right 259.4 feet and north 73 degrees 39 minutes west 2,779.6 feet; thence on a curve of 1,604 feet radius to the right 1,093.1 feet and north 34 degrees 35 minutes west 315.8 feet; thence on a curve of 1,877 feet radius to the right 360.1 feet; thence on a curve of 1,466 feet radius to the left 224.7 feet; thence on a curve of 1,179 feet radius to the left 668.9 feet and north 64 degrees 54 minutes west 617 feet; thence on a curve of 1,075 feet radius to the left 919.4 feet and south 66 degrees 08 minutes west 02 feet; thence on a curve of 1,400 feet radius to the right 75 feet; thence north 4 degrees 34 minutes east 17.6 feet, north 18 degrees 35 minutes east 112.2 feet, north 70 degrees 51 minutes west 16.5 feet, south 18 degrees 35 minutes west 112.7 feet and south 4 degrees 34 minutes west 40.2 feet; thence on a curve of 1,400 feet radius to the right 409.1 feet, and south 89 degrees 48 minutes 30 seconds west 2,118.4 feet, crossing Euporus creek, to the west side of a road leading from Olive City to West Shokan; thence along the same and the westerly line of parcel No. 221, north 36 degrees 00 minutes west 262.3 feet to the northwest corner of said parcel; thence along the northerly line of same, north 85 degrees 16 minutes east 528.3 feet, crossing Euporus creek, to the easterly shore line of same; thence along the said shore line and the westerly line of parcel No. 220, north 42 degrees 58 minutes west 288.1 feet; north 16 degrees 38 minutes west 241.1 feet and north

6 degrees 7 minutes east 309.7 feet to a point in the westerly line of Parcel No. 220; thence along the said westerly line north 86 degrees 29 minutes east 376.6 feet and north 3 degrees 25 minutes east 813.8 feet to the northwest corner of said parcel; thence along the northerly line of same, north 84 degrees 49 minutes east 135.2 feet, north 86 degrees 55 minutes east 909.9 feet and north 60 degrees 1 minute east 42.8 feet to the centre of a road leading from Shokan to Brown's Station; thence along the centre of said road south 22 degrees 53 minutes east 33.4 feet; thence along the centre of a road leading to Olive, and still continuing along the northerly line of the before-mentioned Parcel No. 220, the following courses and distances: North 81 degrees 17 minutes east 71.9 feet, north 86 degrees 24 minutes east 342.2 feet, north 85 degrees 39 minutes east 280.4 feet, north 68 degrees 20 minutes east 202.9 feet, south 74 degrees 30 minutes east 165.4 feet, north 63 degrees 37 minutes east 164.4 feet and north 69 degrees 49 minutes east 144.7 feet to the northwest corner of Parcel No. 217; thence along the northerly line of said parcel, and still continuing along the centre line of the before-mentioned road north 69 degrees 50 minutes east 198 feet, north 73 degrees 15 minutes east 681.7 feet and north 79 degrees 5 minutes east 438 feet to the northwest corner of Parcel No. 216; thence along the northerly line of said parcel north 79 degrees 5 minutes east 20.1 feet to the northeast corner of said parcel; thence along the easterly line of said parcel south 15 degrees 57 minutes east 500 feet and north 78 degrees 3 minutes east 817.9 feet to a point in the westerly line of Parcel No. 213; thence along the said westerly line north 21 degrees 19 minutes west 518.8 feet to the northwest corner of said parcel; thence along the northerly line of same north 80 degrees 3 minutes east 716.2 feet to the northeast corner of said parcel; thence along the easterly line of same south 7 degrees 19 minutes east 423.2 feet to the northwest corner of Parcel No. 215; thence along the northerly line of said parcel north 60 degrees 34 minutes east 1,136.2 feet to the most westerly point of Parcel No. 203; thence along the northerly line of said parcel the following courses and distances: North 66 degrees 39 minutes east 305.2 feet, north 42 degrees west 207.3 feet, north 74 degrees 19 minutes east 1,825.1 feet, south 53 degrees 25 minutes east 380.5 feet, south 50 degrees 55 minutes east 1,241.4 feet, south 40 degrees 39 minutes west 122.7 feet, south 46 degrees 21 minutes east 103 feet, north 53 degrees 56 minutes east 142.5 feet and south 52 degrees 39 minutes east 508.6 feet to a point in the westerly line of Parcel No. 183; thence along the said westerly line north 39 degrees 16 minutes east 3,299.5 feet to the most northerly point of said parcel; thence along the northerly line of same south 52 degrees 41 minutes east 3,950.6 feet; partly along the line between the Towns of Hurley and Olive, to the centre of Beaver Kill, and the most northerly point of Parcel No. 181; thence along the northerly line of said parcel south 53 degrees 18 minutes east 416.2 feet to the point or place of beginning.

The fee is to be acquired by The City of New York in all the real estate Parcels Nos. 18 to 222, inclusive, contained in the above description.

Reference is hereby made to the said map, filed as aforesaid, in the office of the County Clerk of the County of Ulster, for a more detailed description of the real estate to be taken in fee, as above described.

In case any property above described is used for any public purpose, such as a highway, etc., such use shall continue until The City of New York shall have legal right to take possession of or change the same.

Dated March 30, 1907.

WILLIAM B. ELLISON,  
Corporation Counsel.

Office and Post Office Address: Hall of Records, corner of Chambers and Centre Streets, Borough of Manhattan, New York City.

6,18

SUPREME COURT—NINTH JUDICIAL DISTRICT.

NINTH JUDICIAL DISTRICT.

HILL VIEW RESERVOIR.

Section Number 1.

Notice of Application for the Appointment of Commissioners of Appraisal.

WESTCHESTER COUNTY.

PUBLIC NOTICE IS HEREBY GIVEN that it is the intention of the Corporation Counsel of The City of New York to make application to the Supreme Court of the State of New York for the appointment of Commissioners of Appraisal, under chapter 724 of the Laws of 1905 as amended. Such application will be made at a Special Term of the Supreme Court, to be held in and for the Ninth Judicial District, at the Court House in the Village of White Plains, Westchester County, N. Y., on Saturday, May 4, 1907, at 10 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard. The object of such application is to obtain an order of the Court appointing three disinterested and competent freeholders, one of whom shall reside in the County of New York and at least one of whom shall reside in the county where the real estate hereinabove described is situated, to act as Commissioners of Appraisal under said act and discharge all the duties conferred by the said law and the acts amendatory thereof, upon such Commissioners of Appraisal, for the purpose of providing an additional supply of pure and wholesome water for The City of New York.

The real estate sought to be taken or affected is situated in the City of Yonkers, in the County of Westchester and State of New York.

The following is a brief description of the real estate sought to be taken, a reference to the date and place of filing of the map:

All those certain pieces or parcels of real estate situated in the City of Yonkers, County of Westchester and State of New York, shown on a map entitled "Southern Aqueduct Department, Section No. 1, Board of Water Supply of The City of New York. Map of real estate, situated in the City of Yonkers, County of Westchester and State of New York, to be acquired by The City of New York, under the provisions of chapter 724 of the Laws of 1905, as amended, for the construction of Hill View Reservoir, and appurtenances, north of McLean Avenue, between Central Park Avenue and Kimball Avenue," which map was filed in the office of the Register of the County of Westchester, at White Plains, N. Y., on the 18th day of February, 1907, and is bounded and described as follows:

Beginning at the most westerly point of Parcel No. 95 in the easterly line of Central Park Avenue and running thence along the easterly line of said avenue and the easterly line of Parcels Nos. 95, 94, 96, 97, 98, 115 and 119, crossing Shipman Avenue and Halsted Avenue produced, the following courses and distances: North 16 degrees 27 minutes east 116.5 feet; thence on a curve of 1,383 feet radius to the right 694 feet; thence north 45 degrees 12 minutes east 1,328.1 feet to the most northerly point of Parcel No. 119; thence along the easterly line of said parcel south 22 degrees 09 minutes west 191.3 feet; thence on a curve of 550 feet radius to the left 438.6 feet and south 28 degrees 32 minutes east 138.3 feet to the northerly line of Parcel No. 118; thence along the northerly and easterly lines of said parcel south 48 degrees 36 minutes east 275.9 feet, south 41 degrees 24 minutes west 129 feet and south 32 degrees 32 minutes east 482 feet to the easterly line of Parcel No. 117; thence along the same south 40 degrees 27 minutes east 228.1 feet to the southwest corner of Parcel No. 3 and the westerly line of Jerome Avenue; thence along the westerly line of said parcel north 40 degrees 26 minutes east 498.9 feet and south 49 degrees 06 minutes west 100.5 feet to the southwest corner of Parcel No. 116 in the easterly line of Halsted Avenue;

27 minutes east 10 feet; thence on a curve of 1,005 feet radius to the left 37 feet to the easterly line of Jerome Avenue and the most westerly point of Parcel No. 3; thence still continuing along the easterly line of Central Park Avenue and the westerly lines of Parcels Nos. 3 and 5, on a curve of 1,005 feet radius to the left, 384 feet, and north 16 degrees 27 minutes east 647 feet to the northwest corner of Parcel No. 5; thence along the northerly line of said parcel south 44 degrees 41 minutes east 1,501.7 feet, north 45 degrees 19 minutes west 25 feet and south 44 degrees 41 minutes east 175 feet to the northeast corner of said parcel; thence along the easterly line of same south 45 degrees 19 minutes west 100 feet to the northwest corner of Parcel No. 8; thence along the northerly line of said parcel south 44 degrees 41 minutes east 9.8 feet to a point in the westerly line of Parcel No. 34; thence along the said westerly line north 45 degrees 19 minutes east 275 feet to the centre of Richmond Avenue; thence along the same and the south line of Parcel No. 54 north 44 degrees 41 minutes west 9.8 feet to the westerly line of said Parcel No. 54; thence along the same and the westerly line of Parcel No. 56 north 45 degrees 19 minutes east 313.7 feet to the northwest corner of Parcel No. 56 and the southerly line of Coutant Avenue; thence along the southerly line of said Avenue and the northerly lines of Parcels Nos. 56, 54, 55, 54 and 52 south 44 degrees 41 minutes east 1,230 feet to the southwest corner of the before-mentioned Coutant Avenue and Kimball Avenue; thence along the westerly line of Kimball Avenue and the westerly lines of Parcels Nos. 52, 49, 48, 23, 22 and 4, crossing Richmond and Ware Avenues, the following courses and distances: South 45 degrees 19 minutes west 126.2 feet, south 38 degrees 28 minutes west 125.9 feet, south 22 degrees 50 minutes west 54.1 feet, south 25 degrees 26 minutes west 122.3 feet, south 42 degrees 16 minutes west 310.5 feet, south 24 degrees 12 minutes west 60.1 feet, south 20 degrees 44 minutes west 400.6 feet, south 17 degrees 59 minutes west 386.1 feet and south 18 degrees 33 minutes west 139.8 feet to the southeast corner of Parcel No. 4; thence along the southerly line of said parcel south 79 degrees 41 minutes west 65.6 feet to the southeast corner of Parcel No. 2 in the easterly line of Jerome Avenue; thence crossing the said Avenue, and running along the southerly lines of said Parcel No. 2 and Parcel No. 1 north 49 degrees 33 minutes west 407.9 feet to the point or place of beginning.

The fee is to be acquired by The City of New York in all the real estate, Parcels Nos. 1 to 56, inclusive, contained in the above description.

Reference is hereby made to the said map, filed as aforesaid in the office of the Register of the County of Westchester, for a more detailed description of the real estate to be taken in fee, as above described.

Dated March 11, 1907.

WILLIAM B. ELLISON,  
Corporation Counsel,  
Office and Post Office Address,  
Hall of Records,  
Corner of Chambers and Centre Streets,  
Borough of Manhattan,  
New York City.

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thence along the southerly line of said parcel south 49 degrees 06 minutes west 50 feet to the westerly line of said Avenue and the easterly line of Parcel No. 112; thence along the same south 40 degrees 54 minutes east 360.1 feet, crossing Linsky Avenue to the southwest corner of Halsted and Linsky Avenues, and running thence south 45 degrees 16 minutes west 100.2 feet to the northeast corner of Parcel No. 78; thence along the easterly line of said parcel south 40 degrees 54 minutes east 50.1 feet to the northerly line of Parcel No. 77 to the northwest corner of Shipman and Varian Avenues; thence along the westerly line of Shipman Avenue and the easterly lines of Parcels Nos. 76, 75, 74, 73, 72, 71 and 70, and crossing Varian Avenue south 40 degrees 54 minutes east 663.5 feet to the northwest corner of Shipman and Kimball Avenues; thence along the northerly line of said Kimball Avenue and the southerly lines of Parcels Nos. 70, 69 and 68 south 67 degrees 46 minutes west 105.6 feet, south 76 degrees 29 minutes west 119.1 feet and south 56 degrees 38 minutes west 76.5 feet to the northwest corner of Coutant and Kimball Avenues; thence along the westerly line of Coutant Avenue and the westerly line of Parcel No. 57 north 44 degrees 41 minutes west 1,230 feet, crossing Varian and Linsky Avenues, to a point in the southerly line of Parcel No. 55; thence along the same south 45 degrees 19 minutes west 313.7 feet to the centre of Richmond Avenue; thence along the same south 44 degrees 41 minutes west 9.8 feet; thence still continuing along the southerly line of Parcel No. 55 south 45 degrees 19 minutes west 275 feet to the easterly line of Ware Avenue; thence along the same north 44 degrees 41 minutes west 8.8 feet; thence north 45 degrees 19 minutes west 100 feet to the westerly line of Parcel No. 55; thence along the same north 44 degrees 41 minutes west 175 feet, south 45 degrees 19 minutes west 25 feet and north 44 degrees 41 minutes west 1,501.7 feet to the point or place of beginning.

The fee is to be acquired by The City of New York in all the real estate, Parcels Nos. 57 to 119, inclusive, contained in the above description.

Reference is hereby made to the said map, filed as aforesaid in the office of the Register of the County of Westchester, for a more detailed description of the real estate to be taken in fee, as above described.

Dated March 11, 1907.

WILLIAM B. ELLISON,  
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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