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THE CITY RECORD.

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GEORGE B. McLELLAN, Mayor.

FRANCIS K. PENDLETON, CORPORATION COUNSEL.

HERMAN A. METZ, COMPTROLLER.

PATRICK J. TRACY, SUPERVISOR.

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PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

No. 151 NASSAU STREET, NEW YORK CITY.

CALENDAR OF HEARINGS.

The following hearings will be held during the remainder of the week beginning Monday, October 12, 1908:

Tuesday, October 13—10:30 a. m.—Room 305.—Order No. 752.—ADRIAN H. JOLINE AND DOUGLAS ROBINSON, RECEIVERS OF THE METROPOLITAN STREET RY. CO. AND THE CENTRAL PARK, NORTH AND EAST RIVER R. R. CO.—“Why Companies should not make a joint rate of five cents for a through route between 34th and 116th Streets.”—Whole Commission.

2:30 p. m.—Commissioner Bassett’s Room.—Order No. 594.—LONG ISLAND R. R. CO.—“Stationing flagman during entire 24 hours of day at Merrick Road grade crossing on Montauk Division at Springfield, Borough of Queens.”—Commissioner Bassett.

2:30 p. m.—Room 310.—Order No. 769.—UNION RAILWAY CO. AND FREDERICK W. WHITRIDGE, RECEIVER.—“Application for certificate of approval under Section 53 of the Public Service Commissions Law.”—Commissioner Eastis.

2:30 p. m.—Room 310.—Order No. 770.—UNION RY. CO., AND FREDERICK W. WHITRIDGE, RECEIVER.—“Application under Section 68 of the Railroad Law for permission to cross tracks at grade.”—Commissioner Eastis.

Wednesday, October 14—2 p. m.—Commissioner Maltbie’s Room.—Order No. 750.—LONG ACME ELECTRIC LIGHT AND POWER CO.—“Rehearing on application to issue stocks and bonds.”—Commissioner Maltbie.

3 p. m.—Room 305.—CITY OF NEW YORK AND JOHN B. McDONALD.—“Arbitration of Determination of Chief Engineer Geo. S. Rice.”

Thursday, October 15—10:30 a. m.—Room 310.—Order No. 764.—NASSAU ELECTRIC R. R. CO.—“Service on St. John’s Place Line.”—Commissioner McCarroll.

11:30 a. m.—Room 310.—Order No. 771.—BROOKLYN UNION ELEVATED R. R. CO.—“Service on Fulton St. and Fifth Avenue Elevated Lines.”—Commissioner McCarroll.

2:30 p. m.—Room 310.—Order No. 745.—NEW YORK CENTRAL & HUDSON RIVER R. R. CO.—Motion of Commission.—“Operation of freight trains on Eleventh Avenue.”—Commissioner Eastis.

2:30 p. m.—Room 305.—Order No. 559.—NEW YORK & QUEENS COUNTY RY. CO.—E. H. GATES, Complainant.—“Inadequate service on Jamaica-Flushing line.”—Commissioner Bassett.

4 p. m.—Room 305.—Order No. 430.—CONEY ISLAND & BROOKLYN R. R. CO.—“Application for permission to issue \$162,000 additional bonds.”—Commissioner Bassett.

4 p. m.—Room 305.—Order No. 759.—BROOKLYN CITY & NEWTOWN R. R. CO.—On motion of Commission.—“Amending Annual Report of Company.”—Commissioner Bassett.

Friday, October 16—2:30 p. m.—Room 305.—Order No. 587.—BROOKLYN, QUEENS COUNTY & SUBURBAN R. R. CO.—Twenty-eighth Ward Board of Trade and Union Course Board of Trade, Complainants.—“In regard to conditions at Cypress Hills Transfer Point, Crescent Street and Jamaica Avenue.”—Commissioner Bassett.

2:30 p. m.—Room 310.—Order No. 736.—N. Y. CITY INTERBOROUGH R. R. CO.—“Rehearing on service between 181st Street and Bronx Park.”—Commissioner Eastis.

3:30 p. m.—Room 305.—Order No. 755.—BROOKLYN HEIGHTS R. R. CO.—“Service between 39th Street Ferry and Ulmer Park.”—Commissioner Bassett.

Regular meetings of the Commission are held every Tuesday and Friday at 11:30 a. m.

BOARD OF WATER SUPPLY.

Minutes of the Meeting of the Board of Water Supply of The City of New York, held September 3, 1908.

Present—Commissioners John A. Bense (President), Charles N. Chadwick and Charles A. Shaw.

MINUTES.

The minutes of July 28, August 14, August 28, and September 1, 1908, were read and approved.

FINANCIAL MATTERS.

The following financial statements for the weeks ending respectively August 4, 11, 18, 25, 1908, and September 1, 1908, were approved:

1905.			
June 16.	Corporate Stock authorized	\$100,000 00	
Nov. 24.	Corporate Stock authorized	500,000 00	
Dec. 8.	Corporate Stock authorized	1,002,000 00	
1906.			
Nov. 23.	Corporate Stock authorized	10,000,000 00	
1907.			
June 24.	Corporate Stock authorized	15,000,000 00	
1908.			
Mar. 20.	Corporate Stock authorized	11,000,000 00	
June 26.	Corporate Stock authorized	22,600,000 00	
		\$60,202,000 00	
Aug. 3.	Premium on sale of \$3,687,500 Water Bonds ..	85,205 50	
	Miscellaneous revenue	1,304 10	
		\$60,288,509 60	
Aug. 3.	Vouchers Nos. 1 to 8952, both inclusive, registered from June 9, 1905, to August 3, 1908	\$4,016,531 68	
	Registered contract liabilities ..	\$22,790,882 85	
	Estimated liabilities under special agreements	384,495 04	
	Estimated liabilities on open orders	23,263 70	
		23,108,641 59	
		\$8,115,175 27	
Aug. 4.	Amount available	\$12,173,424 31	

1905.			
June 16.	Corporate Stock authorized	\$100,000 00	
Nov. 24.	Corporate Stock authorized	500,000 00	
Dec. 8.	Corporate Stock authorized	1,002,000 00	
1906.			
Nov. 23.	Corporate Stock authorized	10,000,000 00	
1907.			
June 24.	Corporate Stock authorized	15,000,000 00	
1908.			
Mar. 20.	Corporate Stock authorized	11,000,000 00	
June 26.	Corporate Stock authorized	22,600,000 00	
		\$60,202,000 00	
Aug. 10.	Premium on sale of \$3,862,500 Water Bonds ..	92,757 32	
	Miscellaneous revenue	1,304 10	
		\$60,296,061 42	
Aug. 10.	Vouchers Nos. 1 to 8136, both inclusive, registered from June 9, 1905, to August 10, 1908	\$4,031,934 35	
	Registered contract liabilities ..	\$25,150,802 85	
	Estimated liabilities under special agreements	381,770 04	
	Estimated liabilities on open orders	25,527 43	
		25,567,100 32	
		\$9,408,134 67	
Aug. 11.	Amount available	\$29,707,926 75	

1905.			
June 16.	Corporate Stock authorized	\$100,000 00	
Nov. 24.	Corporate Stock authorized	500,000 00	
Dec. 8.	Corporate Stock authorized	1,002,000 00	
1906.			
Nov. 23.	Corporate Stock authorized	10,000,000 00	
1907.			
June 24.	Corporate Stock authorized	15,000,000 00	
1908.			
Mar. 20.	Corporate Stock authorized	11,000,000 00	
June 26.	Corporate Stock authorized	22,600,000 00	
		\$60,202,000 00	
Aug. 17.	Premium on sale of \$3,862,500 Water Bonds ..	92,757 32	
	Miscellaneous revenue	1,304 10	
		\$60,296,061 42	
Aug. 17.	Vouchers Nos. 1 to 8196, both inclusive, registered from June 9, 1905, to August 17, 1908	\$5,003,581 06	
	Registered contract liabilities ..	\$25,116,644 08	
	Estimated liabilities under special agreements	379,968 41	
	Estimated liabilities on open orders	20,260 29	
		25,516,873 68	
		\$9,520,455 64	
Aug. 18.	Amount available	\$29,775,625 78	

1905.				
June 16.	Corporate Stock authorized....	\$100,000 00		
Nov. 24.	Corporate Stock authorized....	500,000 00		
Dec. 8.	Corporate Stock authorized....	1,002,000 00		
1906.				
Nov. 23.	Corporate Stock authorized....	10,000,000 00		
1907.				
June 24.	Corporate Stock authorized....	15,000,000 00		
1908.				
Mar. 20.	Corporate Stock authorized....	11,000,000 00		
June 26.	Corporate Stock authorized....	22,600,000 00		
		\$60,202,000 00		
Aug. 24.	Premium on sale of \$3,862,500 Water Bonds..	92,757 32		
	Miscellaneous revenue	1,324 10		
		\$60,296,081 42		
Aug. 24.	Vouchers Nos. 1 to 8314, both inclusive, registered from June 9, 1905, to August 24, 1908	\$5,122,207 99		
	Registered contract liabilities..	\$25,000,504 03		
	Estimated liabilities under special agreements	379,668 41		
	Estimated liabilities on open orders	24,412 92		
		25,494,885 36		
		30,617,093 35		
Aug. 25.	Amount available.....	\$29,678,988 07		
1905.				
June 16.	Corporate Stock authorized....	\$100,000 00		
Nov. 24.	Corporate Stock authorized....	500,000 00		
Dec. 8.	Corporate Stock authorized....	1,002,000 00		
1906.				
Nov. 23.	Corporate Stock authorized....	10,000,000 00		
1907.				
June 24.	Corporate Stock authorized....	15,000,000 00		
1908.				
Mar. 20.	Corporate Stock authorized....	11,000,000 00		
June 26.	Corporate Stock authorized....	22,600,000 00		
		\$60,202,000 00		
Aug. 31.	Premium on sale of \$3,862,500 Water Bonds..	92,757 32		
	Miscellaneous revenue	1,324 10		
		\$60,296,081 42		
Aug. 31.	Vouchers Nos. 1 to 8314, both inclusive, registered from June 9, 1905, to August 31, 1908	\$5,122,207 99		
	Registered contract liabilities..	\$25,000,504 03		
	Estimated liabilities under special agreements	379,668 41		
	Estimated liabilities on open orders	37,484 60		
		25,397,957 04		
		30,630,165 03		
Sept. 1.	Amount available.....	\$29,665,916 39		

Commissioner Shaw reported that on August 27, 1908, he had directed that the usual monthly statement be sent to the Comptroller, setting forth the expenditures made and liabilities incurred by the Board of Water Supply during the month of July, 1908, the same being in accordance with section 36, chapter 724, Laws of 1905, and that on the same date he had directed that the usual abstract of the expenditures made and liabilities incurred by the Board during said month be sent to the City Record in accordance with said section; also that on August 1, 1908, the usual monthly statement had been received from the Auditor, showing the financial condition of the Board at the close of business July 31, 1908, and giving the detailed classified expenditures on account of permanent construction, surveys, maps, plans, etc., during the month of July, 1908, and that the same had been duly filed.

On motion, these actions of Commissioner Shaw were confirmed. Statements showing the financial condition of the Board of Water Supply at the close of business August 31, 1908, also the detailed classified expenditures on account of permanent construction, surveys, maps, plans, etc., during the month of August, 1908, were read and filed.

A statement setting forth the expenditures made and liabilities incurred by the Board of Water Supply during the month of August, 1908, was read and ordered forwarded to the Comptroller, in compliance with section 36, chapter 724, of the Laws of 1905.

An abstract of the expenditures made and liabilities incurred by the Board of Water Supply during the month of August, 1908, was read and ordered forwarded to the City Record, in compliance with section 36, chapter 724, of the Laws of 1905.

CIVIL SERVICE MATTERS.

The following actions heretofore taken on the dates hereafter mentioned were reported by Commissioner Shaw, and, on motion, were confirmed:

APPOINTMENTS.

Action taken August 5, 1908.

The following appointment was made, subject to the approval of the Board, to take effect upon assignment to duty by Commissioner Shaw:

John E. Ashe, Jr., Olive Bridge, N. Y., Janitor; \$40 per month (Civil Service Rule XII, paragraph 7).

The following appointments were made, subject to the approval of the Board, to take effect upon assignment to duty by the Chief Engineer:

John G. Clarke, Cornwall-on-Hudson, N. Y., Clerk; \$25 per month; Chief Engineer's No. 2660 (Civil Service Rule XII, paragraph 7).

Alexis C. Kleberg, Cornwall-on-Hudson, N. Y., Clerk; \$25 per month; Chief Engineer's No. 2660 (Civil Service Rule XII, paragraph 7).

John M. Longyear, Babylon, N. Y., Clerk; \$35 per month; Chief Engineer's No. 2672 (Civil Service Rule XII, paragraph 7).

The request of the Chief Engineer in his communication No. 2643, July 22, 1908, that the Secretary be directed to sign a requisition upon the Municipal Civil Service Commission for a list from which to appoint two Assistant Engineer Designers, at \$2,100 per annum, which was laid over at the meeting of July 28, 1908, was taken up, and this matter was ordered to be held in abeyance, subject to action now pending.

On recommendation of the Chief Engineer in his communication No. 2673, August 4, 1908, the Secretary was directed to write the Municipal Civil Service Commission to extend its authorization of the employment of Prof. W. O. Crosby for another year, and to increase the limit of his compensation for one year from \$2,500 to \$3,000.

On recommendation of the Chief Engineer in his communication No. 2667, August 3, 1908, the appointment of Henry C. Duncan, Inspector of Masonry, made July 7, 1908, was rescinded, owing to said Duncan being ill.

Under date of July 31, 1908, a letter was addressed to the Municipal Civil Service Commission, requesting that the temporary appointments of the following persons be extended from August 6, 1908, except in the case of Howard O. Benedict, Clerk, which appointment is to be extended from August 23, 1908, said temporary appointments to continue until the establishment of out of town eligible lists for Stenographer and Typewriter, Typewriting Copyist and Clerk:

John P. Mack, Temporary Stenographer and Typewriter.
James P. Barrett, Temporary Stenographer and Typewriter.
Henry C. Adams, Temporary Typewriting Copyist.
Harry J. Furlong, Temporary Typewriting Copyist.
Owen J. Kennedy, Temporary Typewriting Copyist.
John R. Sullivan, Temporary Typewriting Copyist.
Chester A. Booth, Temporary Clerk (second grade).
Oscar B. Elting, Temporary Clerk (second grade).
William H. Frost, Temporary Clerk (second grade).
Harry Quick, Temporary Clerk (second grade).

Galen Richmond, Temporary Clerk (second grade).

Walter W. Crane, Temporary Clerk (second grade).

William S. Schomp, Temporary Clerk (second grade).

Howard O. Benedict, Temporary Clerk (second grade).

A communication was received from the Municipal Civil Service Commission, dated July 30, 1908, approving the appointment of Samuel T. Goldsmith, Clerk, and authorizing the employment of Elting Harp under Civil Service Rule XII, paragraph 6, for services in connection with securing real estate for contracts, etc., and also authorizing the appointment of men who can qualify as miners, in connection with work of building a pipe line under the Hudson River, pursuant to Civil Service Rule XII, paragraph 7.

Action taken August 11, 1908.

The following appointment was made, subject to the approval of the Board, to take effect upon assignment to duty by the Chief Engineer:

Samuel L. Kane, Walden, N. Y., Laborer; \$2 per day; Chief Engineer's No. 2682.

On recommendation of the Chief Engineer in his communication No. 2681, August 11, 1908, Commissioner Shaw directed the Secretary to write the Municipal Civil Service Commission, requesting it to certify an eligible list from which to appoint two Axemen, with compensation at the rate of \$840 per annum. Said request was sent.

Action taken August 12, 1908.

On recommendation of the Chief Engineer in his communication No. 2684, August 11, 1908, Commissioner Shaw directed the Secretary to write the Municipal Civil Service Commission, requesting it to authorize the reinstatement of Chester A. Davis, Laborer.

Action taken August 14, 1908.

Communication No. 2685 from the Chief Engineer, dated August 12, 1908, requested that W. V. Gould be appointed Photographer's Assistant, pursuant to Civil Service Rule XII, paragraph 4, for an emergency period of fifteen days, with compensation at the rate of \$87.50 per month. Said request was denied by the Commissioners.

Action taken August 18, 1908.

The following appointments were made, subject to the approval of the Board, to take effect upon assignment to duty by the Chief Engineer:

Robert S. Wait, High Falls, N. Y., Clerk; \$480 per annum; Chief Engineer's No. 2686 (Civil Service Rule XII, paragraph 7).

Chester A. Davis, Olive Bridge, N. Y., Laborer; \$2 per day; Chief Engineer's No. 2689 (Reinstated).

On recommendation of the Chief Engineer in his communication No. 2690, August 15, 1908, the Secretary was directed to write the Municipal Civil Service Commission for authority to reinstate Neil R. Windrum and George W. Barton, Laborers. Said request was sent.

Action taken August 21, 1908.

The following appointment was made by Commissioner Shaw, subject to the approval of the Board, to take effect upon assignment to duty by the Chief Engineer: Mrs. Ella E. Goodrich, East Durham, N. Y., Gage Keeper; \$10 per month; Chief Engineer's No. 2688 (Civil Service Rule XII, paragraph 7).

Action taken August 26, 1908.

The following appointments were made by Commissioner Shaw, subject to the approval of the Board, to take effect upon assignment to duty by the Chief Engineer: Walter L. Underhill, No. 225 South Division street, Peekskill, N. Y., Clerk (first grade); \$40 per month; Chief Engineer's No. 2696.

Neil R. Windrum, Shokan, N. Y., Laborer; \$2 per day; Chief Engineer's No. 2694 (Reinstated).

George W. Barton, Atwood, N. Y., Laborer; \$2 per day; Chief Engineer's No. 2694 (Reinstated).

Action taken September 2, 1908.

The following appointment was made by Commissioner Shaw, subject to the approval of the Board, to take effect upon assignment to duty by the Chief Engineer: Lola R. Reilly, No. 242 East Thirty-fifth street, Stenographer and Typewriter, New York City; \$1,050 per annum; Chief Engineer's No. 2701.

Action taken September 3, 1908.

The following appointment was made by Commissioner Shaw, subject to the approval of the Board, to take effect upon assignment to duty by the Secretary:

Myron Morris, No. 445 East Eighty-third street, New York City, Stenographer and Typewriter; \$900 per annum.

Pursuant to the recommendation of the Chief Engineer in his communication No. 2706, Commissioner Shaw signed request for the transfer of Alexander H. Fox, Topographical Draughtsman, from the Bureau of Highways under the President of the Borough of Queens.

A communication was received from the Municipal Civil Service Commission, dated August 6, 1908, disapproving the reinstatement of Charles B. Finch, Assistant Foreman, he having resigned during his probationary period.

PROMOTION.

Action taken August 11, 1908.

On recommendation of the Chief Engineer in his communication No. 2679, August 10, 1908, and pursuant to authority granted by the Municipal Civil Service Commission, the title of James J. Carter, Laborer, was changed to Assistant Foreman, to take effect immediately.

LEAVES OF ABSENCE.

Action taken August 5, 1908.

The following leaves of absence, without pay, were granted by Commissioner Shaw, subject to the approval of the Board:

James V. McGarry, Axeman, from August 15, 1908, to August 31, 1908, inclusive; Chief Engineer's number 2671.

Mildred A. Ristedt, Stenographer and Typewriter, not to exceed thirty days, commencing July 23, 1908.

Action taken August 11, 1908.

Charles B. Magan, Clerk, not to exceed thirty days, commencing July 31, 1908; Chief Engineer's number 2680.

Action taken September 1, 1908.

Mildred A. Ristedt, Stenographer and Typewriter, not to exceed thirty days, commencing August 23, 1908.

SEPARATIONS.

Action taken August 5, 1908.

Ambrose E. Tormey, Inspector of Regulating, Grading and Paving, July 26, 1908, resigned.

William R. Smith, Janitor, July 31, 1908, resigned.

Action taken August 21, 1908.

John R. Sullivan, Temporary Typewriting Copyist, August 8, 1908, resigned.

Julius A. Lewis, Rodman, July 31, 1908, resigned.

Howard Fielding, Clerk, August 31, 1908, resigned.

Abraham Rauch, Clerk, July 1, 1908, transferred to Board of Assessors; Chief Engineer's number 2692.

Pursuant to request contained in the letter of the Department of Docks and Ferries, dated August 4, 1908, Commissioner Shaw consented to the transfer of Alfred Richard Loweth, Topographical Draughtsman, to said Department.

Action taken September 3, 1908.

Eugene Stewart, Gage Keeper, August 31, 1908, resigned.

Frank Owen, Gage Keeper, August 31, 1908, resigned.

Albert D. Lawrence, Messenger, to take effect immediately, dismissed for lack of work; Chief Engineer's number 2691.

POLITICAL ASSESSMENTS.

Action taken August 21, 1908.

A communication was received from the Civil Service Reform Association, dated August 15, 1908, inclosing copy of the provisions of the Civil Service Law relating to political assessments, and requesting that the same be posted conspicuously in this Department. Commissioner Shaw directed the Secretary to see that the request of the Civil Service Reform Association was complied with, and to advise said association accordingly. The Secretary reported that this had been done.

AMENDMENT OF CLASSIFICATION.

A communication was received from the Municipal Civil Service Commission, dated August 20, 1908, stating that on August 13, 1908, the State Civil Service Commission had approved amendments of the classification of positions in the Labor Class. The Secretary was ordered to note same.

OTHER MATTERS.

Reports.

Weekly reports Nos. 151, 152, 153, 154 and 155 were received from the Chief Engineer and filed.

Accounts.

On recommendation of the Chief Engineer in his communication 2698, August 31, 1908, Frazee L. Bellnap, Assistant Engineer, was authorized to sign requisitions based upon field orders of the Department Engineers during the absence of Assistant Engineer Purcell.

The Secretary reported receipt of Chief Engineer's communication 2704, September 2, 1908, forwarding inventories of the Headquarters and Field Departments for the year ending February 1, 1908. On motion, said inventories were ordered to be forwarded to the Auditor.

Agreement 14.

Commissioner Shaw reported that on August 12, 1908, he was served with notice of suit brought by John B. McDonald against the Turner Construction Company for broken stone taken from the Jerome Park Reservoir, and that on August 15, 1908, he had directed the Secretary to write the Turner Construction Company and the Corporation Counsel in reference to this matter. On motion, these actions of Commissioner Shaw were confirmed.

Agreement 37.

The Secretary reported that a letter was received from the Empire State Surety Company, dated August 14, 1908, requesting to be informed whether this contract has been completed, and that on August 21, 1908, a reply had been sent thereto. On motion, this action of the Secretary was confirmed.

Agreement 67.

On motion, it was Resolved, That, pursuant to the recommendation of the Chief Engineer in his communication 2700, August 31, 1908, the time for the completion of work under Agreement 67, with Arthur L. Washburne, dated November 15, 1907, for test borings in Westchester County, is hereby extended to September 15, 1908.

Agreement 71.

The Secretary reported that Chief Engineer's communication 2668, August 4, 1908, submitted form of this agreement, in triplicate, for test borings at and north of Hill View Reservoir, and names of contractors to be asked to bid, and that on August 10, 1908, Commissioners Chadwick and Shaw approved said agreement and the invitations to bid were ordered sent to the persons and concerns mentioned in said communication of the Chief Engineer, the estimates to be opened August 27, 1908, at 3 p. m.; also that on August 11, 1908, said agreement was transmitted to the Corporation Counsel for approval, and that opinion 363, August 19, 1908, was received, approving said agreement as to form. The Secretary also reported that on August 19, 1908, the invitations to bid were sent out and that estimates received from the following were opened and read by Commissioner Shaw on August 27, 1908:

William M. Quinby, White Plains, New York.
Birdsboro Steel Foundry and Machine Company, Birdsboro, Pennsylvania.
Harry M. Ripley, No. 5 Independence place, Ossining, New York.
Arthur L. Washburne, Pleasantville, New York.
E. L. Ripley, Osborne street, White Plains, New York.
Grant Rohrer, No. 209 Broadway, New York City.
James A. Gordon, Oxford, New York.
Sprague and Henwood, Scranton, Pennsylvania.
Healey Sewer Machine and Construction Company, Nos. 13 to 21 Park row, New York City.
James O'Brien, No. 95 Burcher avenue, West New Brighton, Staten Island, New York.

On motion, all of said actions were confirmed, and on recommendation of Commissioner Shaw, said agreement was awarded to William M. Quinby at the prices given in his estimate, the total of said estimate being the lowest received. The estimate of James O'Brien, being informal, was rejected.

Apparatus.

Commissioner Shaw reported that on August 5, 1908, he and Commissioner Bessel approved the loan of two boilers at Babylon, Long Island, to the Department of Water Supply, Gas and Electricity, and that on said date a letter was sent to said Department stating conditions. On motion, these actions were confirmed.

Contracts.

The Secretary reported receipt of Chief Engineer's communication of July 28, 1908, asking to be advised as to notices sent to contractors. On motion, said request was granted, and instructions were given accordingly.

The Secretary reported receipt of Chief Engineer's communication No. 2664, August 1, 1908, asking instructions as to the insertion of references to the Labor Law in contracts for the construction of highways. On motion, the Chief Engineer was directed to insert in all future contracts for the construction of highways the provisions relative thereto provided in the Labor Law.

Contract No. 1.

The Secretary reported that communication No. 2675, was received from the Chief Engineer, dated August 6, 1908, asking that an order be issued to the contractor to proceed with the boring in hole 21, and that on August 14, 1908, by order of Commissioners Chadwick and Shaw the Secretary wrote the Chief Engineer to notify the contractor accordingly.

Contract No. 2.

The Secretary reported receipt of a letter from Hon. Hamilton Fish, asking permission to erect a tent for religious services near shaft No. 2, at Garrisons, also that on August 5, 1908, a reply had been sent granting said request. On motion, this action was confirmed.

The Secretary reported receipt of letter from William J. Briggs and others, of Continentalville, New York, asking police protection, and that on August 21, 1908, receipt thereof was acknowledged. Commissioner Shaw reported that patrolmen would be stationed near Continentalville as soon as practicable.

The Secretary reported receipt of letter from Frank Hyde, of Peekskill, New York, dated August 22, 1908, asking for police protection, and that on August 24, 1908, receipt thereof was acknowledged and the matter was referred to Commissioner Shaw.

The Secretary reported receipt of letter from Supervisor Jaycox, of Phillipstown, in reference to the claim of William Coffey, for \$173 for boarding men of the Thomas McNally Company while quarantined with small-pox, and that on August 27, 1908, receipt thereof was acknowledged and the matter was referred to the Chief Engineer for report.

Contract No. 5.

The Secretary reported receipt of letter from the Title Guaranty and Surety Company, dated August 5, 1908, and that on August 12, 1908, he had written said company that this contract was completed on June 12, 1908.

Contract No. 11.

The Secretary reported that, as directed, on July 28, 1908, a notice was sent to the Comptroller to return the deposits of the unsuccessful bidders on this contract.

The Secretary reported that, as directed, on August 5, 1908, notice was sent to Stewart-Kerbaugh-Shanley Company, the contractor under this contract, to commence work, and that a letter was received from said contractor acknowledging receipt of said letter, also that on August 6, 1908, he had notified the Chief Engineer of this action. The Secretary also reported that on August 7, 1908, notice was sent to the Comptroller to return the contractor's deposit, and that the triplicate original of this contract had been transmitted to the Comptroller for filing on August 7, 1908, and that on the same date notice was sent to the contractor to furnish pauper bonds required under Article XIX. of the contract; that on August 19, 1908, the contractor transmitted said pauper bonds to the Board, that on August 21, 1908, a letter was sent to the contractor in reference to the approval of said bonds by the chief executive officers of the municipalities, and that on August 31, 1908, a letter was sent to the contractor, amending notice of August 5, 1908, directing the commencement of work.

The Secretary reported receipt of letter from Hon. John J. Linson, Special Counsel, dated August 1, 1908, requesting police protection in the Town of Marbletown, and that on August 4, 1908, a reply had been sent to Mr. Linson, stating that the matter had been referred to Commissioner Shaw. On motion, this action was confirmed.

Contract No. 12.

Notice was received from the Comptroller, dated September 1, 1908, that on said date his certificate as to funds available had been endorsed on this contract, for the construction of the Rondout siphon, and, on motion, this notice was ordered to be forwarded to the Auditor.

A communication was received from the Auditor, dated August 3, 1908, stating that there had been deposited with the Chamberlain the sum of \$140, received for the sale of contract drawings and specifications.

Contract No. 14.

A communication was received from the Auditor, dated August 3, 1908, stating that there had been deposited with the Chamberlain the sum of \$280, received for the sale of contract drawings and specifications.

Contracts Nos. 13 and 32.

The Secretary reported receipt of communication No. 2662, from the Chief Engineer, dated July 31, 1908, transmitting page proof of Contract No. 13, that on the same date this page proof was sent to the Corporation Counsel for approval, that Chief Engineer's communication No. 2674, August 6, 1908, submitted manuscript for combined proposal for Contracts Nos. 13 and 32, that on said date said manuscript was sent to the Corporation Counsel for approval, that Chief Engineer's communication No. 2683, August 11, 1908, submitted page proof of Contract No. 32, and that on the same date said page proof was submitted to the Corporation Counsel for approval. The Secretary also reported that opinion No. 360, August 12, 1908, returned approved page proof of Contract No. 13, that opinion No. 362, August 18, 1908, returned approved page proof of Contract No. 32, also that Chief Engineer's communication 2693, August 21, 1908, submitted printed forms of Contracts Nos. 13 and 32, and printed form of combined proposal, that the same had been submitted to the Corporation Counsel for approval on August 21, 1908, and that opinion No. 372, August 31, 1908, approved said printed forms of contracts, and that opinion No. 376, September 3, 1908, returned approved printed forms of said combined proposal. On motion, said opinions were filed and said actions taken were confirmed, and the matter of advertising these contracts was laid over to the next meeting of the Board.

Contract No. 15.

The Secretary reported that opinion No. 351, August 3, 1908, returned, approved as to form, printed forms of this contract. A report was received from Commissioner Shaw, dated September 3, 1908, in reference to the checks received with the bids on September 1, 1908, and also a report from Commissioner Shaw and the Secretary, dated September 3, 1908, giving the tabulation of the bids.

Contract No. 18.

Commissioner Shaw reported that on July 28, 1908, invitations to bid for printing this contract were sent out, estimates to be opened August 10, 1908, and that on August 10, 1908, the estimates received from the following were opened and read by him:

Martin B. Brown Company, Nos. 49 to 57 Park place, New York City.
Evening Post Job Printing Office, No. 150 Fulton street, New York City.
J. W. Pratt Company, No. 52 Duane street, New York City.
John Cassidy, No. 221 Fulton street, New York City.
Mail and Express Job Print, No. 9 Murray street, New York City.
Commissioner Shaw also reported that on August 11, 1908, he awarded the order for this printing to Martin B. Brown Company, its estimate of \$455.50 being the lowest received, and that he had directed the Chief Clerk to issue the necessary requisition and order.

On motion, these actions of Commissioner Shaw were confirmed.

Contract No. 22.

The Secretary reported that opinion 353, August 6, 1908, returned approved as to form printed forms of this contract, and, on motion, said opinion was filed.

Contract No. 24.

Commissioner Shaw reported that on July 23, 1908, invitations to bid for printing this contract were sent out, estimates to be opened August 3, 1908, and that on August 3, 1908, the estimates received from the following were opened and read by him:

Martin B. Brown Company, Nos. 49 to 57 Park place, New York City.
J. W. Pratt Company, No. 52 Duane street, New York City.
Evening Post Job Printing Office, No. 150 Fulton street, New York City.
Mail and Express Job Print, No. 9 Murray street, New York City.
Commissioner Shaw also reported that on August 5, 1908, he awarded the order for this printing to Martin B. Brown Company, its estimate of \$752 being the lowest received, and that he had directed the Chief Clerk to issue the necessary requisition and order.

On motion, these actions of Commissioner Shaw were confirmed.

Contracts Nos. 25 and 26.

Commissioner Shaw reported that on August 12, 1908, invitations to bid for printing these contracts were sent out, estimates to be opened August 24, 1908, and that on August 24, 1908, the estimates received from the following were opened and read by him:

Martin B. Brown Company, Nos. 49 to 57 Park place, New York City.
J. W. Pratt Company, No. 52 Duane street, New York City.
Mail and Express Job Print, No. 9 Murray street, New York City.
Evening Post Job Printing Office, No. 150 Fulton street, New York City.
Commissioner Shaw also reported that on August 25, 1908, he awarded the order for this printing to Martin B. Brown Company, its estimate of \$846 being the lowest received, and that he had directed the Chief Clerk to issue the necessary requisition and order.

On motion, these actions of Commissioner Shaw were confirmed.

Contract No. 38.

Commissioner Shaw reported that on August 15, 1908, invitations to bid for printing this contract were sent out, estimates to be opened August 27, 1908, and that on August 27, 1908, the estimates received from the following were opened and read by him:

John Cassidy, No. 221 Fulton street, New York City.
Martin B. Brown Company, Nos. 49 to 57 Park place, New York City.
Interstate Printing Corporation, No. 5 Beekman street, New York City.
Evening Post Job Printing Office, No. 150 Fulton street, New York City.
Mail and Express Job Print, No. 9 Murray street, New York City.

Commissioner Shaw also reported that on August 28, 1908, he awarded the order for this printing to John Cassidy, his estimate of \$82.75 being the lowest received, and that he had directed the Chief Clerk to issue the necessary requisition and order. On motion, these actions of Commissioner Shaw were confirmed.

Geological Investigations.

The Secretary reported that Chief Engineer's communication No. 2661, dated July 28, 1908, transmitted copy of report of Dr. Berkey, dated July 24, 1908, as to the Hudson River crossing; that Chief Engineer's communication No. 2663, July 30, 1908, transmitted copy of supplementary report of Professor Crosby, dated June 25, 1908, as to the Moudou siphon, and that Chief Engineer's communication No. 2667, August 17, 1908, transmitted copy of report of Professor Kemp and Dr. Berkey, dated July 9, 1908, on the geological conditions affecting the location of distribution conduits in New York City.

On motion, these reports were referred back to the Chief Engineer, with a request that he prepare synopses of the same for the records of the Board.

Hudson River Crossing.

The Secretary reported the receipt of Chief Engineer's communication No. 2650, August 4, 1908, in reference to continuing the work upon the test shafts on the shores of the Hudson River at the Storm King crossing line, and, on motion, said communication was referred to the Commissioners of the Board as a Committee of the Whole, together with two letters received from the Cranford Company, dated August 7 and 10, 1908.

Information.

The Secretary reported that on July 28, 1908, a letter was written to the Chairman of the New York Charter Commission, requesting an interview in reference to the information asked for in said Commission's letter of June 23, 1908, and that on August 6, 1908, such information was transmitted to said Commission, and that on August 7, 1908, the receipt thereof was acknowledged by said Commission.

On motion, these actions of the Secretary were confirmed.

A report was received from Commissioner Chadwick, dated August 3, 1908, submitting copy of letter sent by the Commissioners of this Board to the New York Charter Commission, dated July 28, 1908, suggesting certain amendatory legislation. The Secretary reported that on July 31, 1908, said Commission acknowledged receipt of said letter.

The Secretary reported receipt of opinion No. 370, August 27, 1908, in reference to giving out information as to condemnation proceedings, and, on motion, said opinion was filed.

The Secretary reported that on September 1, 1908, copies of Contracts Nos. 3, 5, 11 and 12 were transmitted to Hon. John J. Linson, special counsel, in accordance with his request, and, on motion, this action of the Secretary was confirmed.

A letter was received from the United States Department of Agriculture, W. T. Cox, Assistant Forester, dated August 27, 1908, asking information as to the effect upon water supplies of the destruction of forests, and, on motion, was referred to the Chief Engineer to answer.

Opinion No. 375, September 2, 1908, was received, advising that information might be given the attorney for the owner of Parcel 31 and 38, Ashokan Reservoir, Section 1. Commissioner Shaw reported that, pursuant to this advice the information requested had been furnished.

On motion, this action was confirmed.

Leases.

Commissioner Shaw reported that on August 7, 1908, the lease of Halcyon Hall and another building at Babylon, Long Island, owned by S. R. Waldron, had been submitted to the Corporation Counsel for approval as to form, and that on August 20, 1908, opinion No. 367 returned said lease approved as to form; also that on August 21, 1908, he had approved this lease and had directed the Secretary to execute the same.

On motion, these actions of Commissioner Shaw were confirmed.

Offices.

Commissioner Shaw reported that on August 5, 1908, requisition No. 6963, for cistern and appurtenances at High Falls office had been sent back to the Chief Engineer for further information and report.

On recommendation of Commissioner Shaw the procuring of a cistern for the High Falls office from John J. McLean, at a cost of \$125, was approved, and the necessary requisition and order were directed to be issued accordingly.

Police.

Commissioner Shaw reported that he had approved the following on the dates set opposite the same, respectively:

- Special Order No. 21, July 27, 1908.
- Special Order No. 22, July 27, 1908.
- Circular No. 1, July 27, 1908.
- Special Order No. 23, August 25, 1908.
- Special Order No. 24, August 25, 1908.
- Special Order No. 25, August 25, 1908.
- Special Order No. 26, August 26, 1908.

Real Estate, Abstracts of Title.

The Secretary reported that opinion No. 349, July 29, 1908, requested the return of abstracts of Parcels 16, 18, 24, 47, 48, 49, Hill View, Section 1, and that a letter was sent to the Corporation Counsel on July 29, 1908, stating that these abstracts were returned January 30, 1908; also that opinion No. 361, August 19, 1908, requested the return of abstract of title of Parcels 287, 304, 306, 318, 358, Kensien Reservoir Section 5, and that on August 19, 1908, said abstract was returned to the Corporation Counsel.

On motion, these actions were confirmed.

Real Estate, Northern Aqueduct, Section 2.

The Secretary reported that on September 1, 1908, a certified copy of the order confirming the fourth report of the Commissioners of Appraisal in this proceeding had been received and sent to the Auditor.

On motion, this action was confirmed.

The Secretary also reported that on September 2, 1908, the Comptroller had been requested to fix the date for the computation of interest on said awards.

On motion, this action was confirmed.

Real Estate, Northern Aqueduct, Section 2, Parcel 74.

The Secretary reported that on August 5, 1908, two propositions from William M. Benjamin for the disposition of the house on this parcel had been referred to Commissioner Chadwick, with power.

Real Estate, Southern Aqueduct, Section 13, Parcels 924a, 924b and 924c.

Chief Engineer's communication 2659, August 31, 1908, recommended the approval of map showing additional real estate desired and entitled:

"Board of Water Supply of The City of New York. Map of Parcels Nos. 924a, 924b and 924c, situated in the town of Yorktown, Westchester County, New York."

On motion, these maps were approved and the Secretary was directed to transmit the same to the Corporation Counsel, with a request that the pending proceedings be amended to include these additional parcels. On motion, the Chief Engineer was requested to report further in regard to this matter if necessary.

Real Estate, Southern Aqueduct, Section 14.

Chief Engineer's communication 2702, September 1, 1908, submitted six similar maps of this section, entitled:

"Board of Water Supply of The City of New York. Map of real estate situated in the town of Mount Pleasant, 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 Catskill Aqueduct and appurtenances, from Newcastle town line near Chappaqua, to Kensien Reservoir taking line." (Parcels 962 to 1005, both inclusive. Area, 99.07 acres, of which 91.90 acres are to be acquired in fee. In 7.17 acres a permanent easement is to be acquired.)

On motion, the said maps were approved and the Secretary was directed to forward the same to the Board of Estimate and Apportionment for the approval of said Board.

Real Estate, Ashokan Reservoir, Section 1, Parcels 29 and 39.

Opinion 374, September 1, 1908, advised that the title to this property had been closed, and, on motion, said opinion was filed.

Real Estate, Ashokan Reservoir, Section 3.

The Secretary reported that opinion 356, August 10, 1908, had been received from the Corporation Counsel, enclosing copy of the communication to the Comptroller, dated August 3, 1908, in reference to the payment of disbursements and counsel fees under the order confirming the first separate report in this proceeding, and qualifying the previous letter of the Corporation Counsel to the Comptroller, dated June 24, 1908, by advising that the vouchers for the payment of counsel fees should be made payable to the attorneys and the vouchers for the payment of expenses and disbursements to the owners. The Secretary further reported that on August 10, 1908, the original of this opinion had been sent to the Auditor, and that under date of August 19, 1908, a letter had been received from the Finance Department, fixing September 30, 1908, as the date to which interest should be computed on the awards under the first report in this proceeding, and that the original letter had been sent to the Auditor August 20, 1908. On motion, vouchers for the payment of said awards and counsel fees and disbursements were ordered to be prepared and forwarded to the Comptroller, in accordance with said opinion 356.

Opinion 365, August 19, 1908, was received, advising that appeals had been taken from the order confirming the first report as to parcels 85, 90, 94, 96, 100a, 117, 119, 121, 120 and 134. The Secretary reported that on August 25, 1908, the Corporation Counsel had been requested for advice as to the effect of the taking of such appeals. On motion, these actions of the Secretary were confirmed.

Real Estate, Ashokan Reservoir, Section 4.

The Secretary reported that on August 10, 1908, he had written the Finance Department requesting that a date be fixed for the computation of interest on awards under the first report in this proceeding, and that under date of August 13, 1908, a letter had been received from the Finance Department fixing September 22, 1908, as the date to which interest should be computed, and that the original letter had been sent to the Auditor on August 17, 1908. The Secretary further reported that opinion 357, August 10, 1908, had been received from the Corporation Counsel, enclosing copy of the communication to the Comptroller, dated August 3, 1908, in reference to the payment of disbursements and counsel fees under the order confirming the first report in this proceeding, and qualifying the previous letter of the Corporation Counsel to the Comptroller, dated June 24, 1908, by advising that the vouchers for the payment of counsel fees should be made payable to the attorneys and the vouchers for the payment of expenses and disbursements to the owners; also that on August 11, 1908, the original of this opinion had been sent to the Auditor. On motion, vouchers for the payment of said awards and counsel fees and disbursements were ordered to be prepared and forwarded to the Comptroller in accordance with said opinion 357.

Opinion 365, August 19, 1908, was received, advising that appeals had been taken from the orders confirming the first report as to parcels 142, 144, 148, 155, 162, 163, 165, 167, 169 and 180. The Secretary reported that on August 25, 1908, the Corporation Counsel had been requested for advice as to the effect of the taking of such appeals. On motion, these actions of the Secretary were confirmed.

Real Estate, Ashokan Reservoir, Section 6.

The Secretary reported that opinion 358, August 10, 1908, had been received from the Corporation Counsel, enclosing copy of the communication to the Comptroller, dated August 3, 1908, in reference to the payment of disbursements and counsel fees under the order confirming the first report in this proceeding, and qualifying the previous letter of the Corporation Counsel to the Comptroller, dated June 24, 1908, by advising that the vouchers for the payment of counsel fees should be made payable to the attorneys and the vouchers for the payment of expenses and disbursements to the owners. The Secretary further reported that on August 11, 1908, the original of this opinion had been sent to the Auditor, and that on August 10, 1908, a letter had been written the Finance Department requesting that a date be fixed for the computation of interest on awards under the first report in this proceeding, and that a letter had been received from the Finance Department, dated August 17, 1908, fixing September 22, 1908, as the date to which interest should be computed, and that the original letter had been sent to the Auditor on August 17, 1908. On motion, vouchers for the payment of said awards and counsel fees and disbursements were ordered to be prepared and forwarded to the Comptroller in accordance with said opinion 358.

Opinion 365, August 19, 1908, was received, advising that appeals had been taken from the orders confirming the first report as to parcels 224, 226, 228, 230, 237, 249, 250, 253, 256 and 267. The Secretary reported that on August 25, 1908, the Corporation Counsel had been requested for advice as to the effects of the taking of such appeals. On motion, these actions of the Secretary were confirmed.

Real Estate, Ashokan Reservoir, Section 7.

The Secretary submitted correspondence with A. C. & F. W. Hottenroth and the Comptroller in reference to the payment of awards for parcels 302, 303, 304 and 308, being copies of the letters of this Board of August 10, 14 and 25, 1908, and the letters of A. C. & F. W. Hottenroth of August 11 and 26, 1908. On motion, this correspondence was approved. The Secretary reported that opinion 361, August 15, 1908, had been received from the Corporation Counsel enclosing copy of letter to the Comptroller dated August 7, 1908, in reference to the payment of awards, disbursements and counsel fees under the order confirming the first report in this proceeding, and that on August 17, 1908, the original of this opinion had been sent to the Auditor. On motion, vouchers for the payment of said awards and counsel fees and disbursements were ordered to be prepared by the Auditor in accordance with the amounts certified by the Court, and the Auditor was ordered to report to the Board the parcel numbers and amounts when such vouchers have been prepared. The parcels mentioned in said order are 308, 295, 294, 283, 284, 300, 301, 313, 304, 302, 303, 312, 290, 291, 279, 271a, 285, 286, 287, 288, 292, 296.

Opinion 365, August 19, 1908, was received, advising that appeals had been taken from the order confirming the first report as to parcels 271a, 302, 303, 304 and 308. The Secretary reported that on August 25, 1908, the Corporation Counsel had been requested for advice as to the effect of the taking of such appeals. On motion, these actions of the Secretary were confirmed.

Real Estate, Claims.

Chief Engineer's communication 2678, August 10, 1908, in reference to the claims of the New York Telephone Company, Postal Telegraph Cable Company, Western Union Telegraph Company and J. H. Quinby, was read and referred to Commissioner Chadwick.

The Secretary reported receipt of letter from Charles L. Davis, dated August 18, 1908, in reference to claims of former employees of Z. P. Boice at saw mill on parcel 999a, Section 9, Ashokan Reservoir, and that on August 26, 1908, a reply had been sent to Mr. Davis. On motion, this action of the Secretary was confirmed and said claims were referred to Commissioner Chadwick.

Commissioner Chadwick submitted report, dated September 3, 1908, in reference to the claim of William C. Pero for \$2, and recommending that no further action be taken, the claim having been withdrawn. On motion, said report was approved and ordered filed.

Real Estate, Expense of Acquisition.

The Secretary reported sending letter to the Corporation Counsel, dated July 31, 1908, in reference to bills of Kraft & Co., Ashokan Reservoir, Sections 1 and 2, for \$79.20 and \$167.20, respectively, and, on motion, this action of the Secretary was confirmed.

The Secretary submitted opinion 352, August 3, 1908, in reference to the bill of George B. Burbank, expert, Ashokan Reservoir, Sections 1 and 2, for \$831.84 (minutes of July 14, 1908), stating that Mr. Burbank had consented to the reduction of \$50 from said bill. On motion, the Secretary was directed to notify the Auditor of said reduction.

The Secretary reported receipt of opinion 347, July 27, 1908, forwarding certified copy of order, dated July 18, 1908, taxing the fees and disbursements of the Commissioners of Appraisal in Hill View, Section 2, and copy of letter of July 27, 1908, to the Comptroller, advising payment thereof, also that said original opinion and enclosures were sent to the Auditor on July 28, 1908. On motion, this action of the Secretary was confirmed, and vouchers for the payment of said fees and disbursements were ordered to be prepared and forwarded to the Comptroller. Said fees and disbursements are as follows:

Joseph E. Merriam—	
Fees	\$1,250 00
Disbursements	26 20
Frank E. Russell—	
Fees	1,450 00
Disbursements	7 50
George Von Skal—	
Fees	1,450 00
Disbursements	27 70

The following bills were received, approved by the Corporation Counsel, and taxed by the Supreme Court and vouchers therefor were ordered to be prepared and forwarded to the Comptroller:

Northern Aqueduct, Section 1—	
Charles P. Berkey, expert	\$185 09
Robert K. Clark, expert	255 00
Albert E. Nichols, expert	520 00
George Bernard, stenographer	37 17
Northern Aqueduct, Sections 1 and 2—	
Frank M. Buck, County Clerk, services and disbursements	49 25
Northern Aqueduct, Section 2—	
Henry T. Dykman, searches	3,395 57
Albert E. Nichols, expert	20 00
Northern Aqueduct, Section 3—	
State Law Reporters, stenographers	204 60
State Law Reporters, stenographers	118 80
State Law Reporters, stenographers	75 90
Northern Aqueduct, Section 4—	
State Law Reporters, stenographers	171 60
State Law Reporters, stenographers	172 70
Northern Aqueduct, Section 5—	
State Law Reporters, stenographers	269 15
Ashokan Reservoir, Section 1—	
Rodgers, Raso & Kelly, stenographers	1,484 03
Julian E. Ingle, Jr., printing	204 00
Ashokan Reservoir, Sections 1, 2, 3, 4, 5, 6 and 7; Northern Aqueduct, Sections 3, 4 and 5—	
John J. Linson, special counsel	8,463 84
Ashokan Reservoir, Sections 1, 2, 3, 4, 5, 6, 7, 8 and 9; Northern Aqueduct, Sections 3, 4 and 5—	
Gerald Fitzgerald, Deputy Clerk	125 00
Ellis B. Long, Clerk to Commissioners	403 71
Ellis B. Long, Clerk to Commissioners	359 81
Frederick S. Benedict, Deputy Clerk	125 00
Frederick S. Benedict, Deputy Clerk	125 00
Ashokan Reservoir, Sections 1, 2 and 4—	
Norton & Burritt, expert	1,019 20
Ashokan Reservoir, Sections 1, 4 and 5—	
Peter Elbert Nustrand, Consulting Engineer and expert	553 74
Ashokan Reservoir, Section 2—	
Rodgers, Raso & Kelly, stenographers	2,786 38
Julian E. Ingle, Jr., printing	339 90
Julian E. Ingle, Jr., printing	153 50
Ashokan Reservoir, Section 3—	
"Democracy," advertising	92 83
The "Tammany Times," advertising	81 00
The Kingston Argus Company, advertising	9 00
The Leader Company, advertising	22 40
Rodgers, Raso & Kelly, stenographers	1,715 38
Julian E. Ingle, Jr., printing	103 55
Ashokan Reservoir, Section 4—	
Rodgers, Raso & Kelly, stenographers	864 64
Julian E. Ingle, Jr., printing	262 50
Ashokan Reservoir, Section 5—	
Julian E. Ingle, Jr., printing	118 85
Rodgers, Raso & Kelly, stenographers	1,962 25
Ashokan Reservoir, Section 6—	
The "Tammany Times," advertising	72 00
"Democracy," advertising	76 80
Rodgers, Raso & Kelly, stenographers	695 75
The Kingston Argus Company, advertising	6 75
Julian E. Ingle, Jr., printing	222 00
The Leader Company, advertising	20 40
Ashokan Reservoir, Section 7—	
Rodgers, Raso & Kelly, stenographers	1,246 00
Julian E. Ingle, Jr., printing	270 25
Ashokan Reservoir, Section 8—	
Howard Chipp, special counsel	600 00
Julian E. Ingle, Jr., printing	238 50
State Law Reporters, stenographers	147 01
State Law Reporters, stenographers	169 14
Ashokan Reservoir, Section 9—	
Kraft & Co., printing, etc.	81 40
State Law Reporters, stenographers	30 75
Julian E. Ingle, Jr., printing	270 00
Hill View Reservoir, Section 1—	
State Law Reporters, stenographers	99 00
Dudley F. Valentine, expert	140 00
George H. Lowerr, expert	175 03
Hill View Reservoir, Sections 1 and 2—	
Frank M. Buck, County Clerk, services and disbursements	70 92
Henry T. Dykman, searches	3,840 26
Hill View Reservoir, Section 2—	
Dudley F. Valentine, expert	180 00
George H. Lowerr, expert	300 00
Dudley F. Valentine, expert	320 00
George H. Lowerr, expert	400 00
Peter H. Hayey & Sons, carriage hire	5 00
State Law Reporters, stenographers	97 90
Kensico Reservoir, Section 3—	
The "Westchester County Reporter," advertising	29 00
George Bernard, stenographer	70 08
Michael J. Shanahan, clerk	25 28
Kensico Reservoir, Sections 3, 4, 5 and 6—	
Frank M. Buck, County Clerk, services and disbursements	118 45
Kensico Reservoir, Section 4—	
George Bernard, stenographer	108 85
Edwin W. Fiske, expert	180 00
Kensico Reservoir, Section 6—	
State Law Reporters, stenographers	124 30
Kensico Reservoir, Section 8—	
Edwin W. Fiske, expert	105 00
All Proceedings Pending July 31, 1908—	
Henry W. Wheeler, special counsel	257 40
Philip P. Gardiner, special counsel	252 30

Real Estate, Highways.

The Secretary reported that in accordance with the recommendation of the Chief Engineer in his communication No. 2660, August 3, 1908, a letter had been sent to the Corporation Counsel, dated August 19, 1908, forwarding two copies of description of the proposed highway system in the Ashokan Reservoir, and requesting that steps be taken immediately to obtain the approval of the maps heretofore approved by the Board of Estimate and Apportionment.

On motion, this action of the Secretary was confirmed.

Chief Engineer's communication No. 2667, August 28, 1908, requesting negotiations with the Town of Shawangunk with a view to closing Walkkill-Newburg road, as shown on blueprint Accession N. N. 420, which was attached to said communication, was read and referred to Commissioner Chadwick.

Real Estate, Hill View, Section 1.

The Secretary reported that opinion No. 355, August 7, 1908, had been received from the Corporation Counsel, inclosing copy of order filed July 6, 1908, confirming the second report in this proceeding; also copy of letter to the Comptroller, dated August 3, 1908, advising the payment of the awards, disbursements and counsel fees in said report, and that the original of this opinion and the inclosures had been sent to the Auditor August 8, 1908. The Secretary further reported that a letter had been written to the Finance Department on August 10, 1908, requesting that a date be fixed for the computation of interest on awards under the second report.

On motion, vouchers for the payment of said awards, disbursements and counsel fees were ordered to be prepared by the Auditor in accordance with the amounts certified by the Court, and the Auditor was ordered to report to the Board the parcel numbers and amounts when such vouchers have been prepared. The parcels mentioned in said order are 6, 7, 9, 10, 11, 12, 13, 15, 19, 20, 21, 23, 28, 30, 31, 32, 33, 35, 36, 37, 39, 41, 42, 43, 44, 45 and 46.

Opinion No. 305, August 19, 1908, was received, advising that appeal had been taken from the order confirming the first report as to parcel 49. The Secretary reported that on August 25, 1908, the Corporation Counsel had been requested for advice as to the effect of the taking of such appeal.

On motion, these actions of the Secretary were confirmed.

Real Estate, Hill View, Section 2, Parcel 119.

The Secretary reported receipt of Chief Engineer's communication No. 2666, August 3, 1908, in reference to trespass on this property by representatives of the Empire Race Track.

On motion, the Secretary was directed to write the Corporation Counsel to serve such notice and take such steps as may be necessary.

Real Estate, Kensico, Section 3.

The Secretary reported that opinion No. 354, August 7, 1908, had been received from the Corporation Counsel, inclosing certified copy of order filed July 7, 1908, confirming the first report in this proceeding; also copy of letter to the Comptroller, dated August 3, 1908, advising the payment of the awards, disbursements and counsel fees in said report, and that the original of said opinion and the inclosures had been sent to the Auditor on August 7, 1908. The Secretary further reported that a letter had been written to the Finance Department on August 10, 1908, requesting that a date be fixed for the computation of interest on awards under the first report.

On motion, vouchers for the payment of said awards, disbursements and counsel fees were ordered to be prepared by the Auditor in accordance with the amounts certified by the Court, and the Auditor was ordered to report to the Board the parcel numbers and amounts when such vouchers have been prepared. The parcels mentioned in said order are 121, 124, 130, 132, 150, 158, 163, 171 and 191.

The Secretary reported that a letter had been received from the Finance Department, dated August 12, 1908, stating that on August 7, 1908, the order confirming the first report was returned to the Corporation Counsel for amendment.

Real Estate, Kensico, Sections 3, 4 and 5.

The Secretary reported receipt of a letter from Mr. H. T. Dykman, Special Counsel, dated August 28, 1908, asking about the payment of the awards under the first reports in these proceedings, and that on August 29, 1908, a reply had been sent to Mr. Dykman to the effect that as to Section 3 the Comptroller had returned the order of confirmation to the Corporation Counsel for amendment; that as to Section 4 the motion to confirm the report would not be made until September 5, 1908, and that as to Section 5 no advice had been received from the Corporation Counsel as to the confirmation of the report.

On motion, this action of the Secretary was confirmed.

Real Estate, Kensico, Section 9, Parcels 596 and 597.

Chief Engineer's communication No. 2703, September 1, 1908, transmitted Map Accession E-244 and E-245, showing modified boundaries of these parcels.

On motion, said maps were approved, and the Secretary was directed to forward said maps to the Corporation Counsel, and to request that he take such steps as may be necessary and proper to amend the pending proceeding, and advise this Board what steps, if any, it should take in regard to this matter.

Real Estate, Mohonk.

The Secretary reported receipt of letter from Albert K. Smiley, dated September 1, 1908, offering to sell for \$3,500 the buildings on parcel 196, Northern Aqueduct, and that the same had been sent to Commissioner Chadwick.

On motion, this action of the Secretary was confirmed.

Real Estate, Olive.

The Secretary reported that on July 31, 1908, a letter had been written to the Corporation Counsel, advising that the purchase of an office site from Granville Davis for \$75 had been approved by this Board, and requesting that said purchase be consummated; also that opinion No. 350, August 12, 1908, had been received, stating that this matter had been referred to Hon. John J. Linson, Special Counsel. The Secretary also reported that opinion No. 360, August 26, 1908, advised that the purchase money should be ready August 17, 1908, and that on August 27, 1908, a letter had been sent to the Corporation Counsel, requesting further advice.

On motion, these actions of the Secretary were confirmed, and the matter was referred to Commissioner Chadwick.

Real Estate, Possession, Ashokan Reservoir.

The Secretary reported receipt of a communication from the Chief Engineer, dated August 6, 1908, asking to be advised immediately upon payment of one-half the assessed valuation of any parcels, and also as to the payment of awards.

On motion, the Secretary was instructed to furnish such information to the Chief Engineer.

The Secretary reported that on August 6, 1908, he had written Hon. John J. Linson, Special Counsel, requesting him to serve notices to vacate parcels 152, 153 and 170, and that on August 7, 1908, he had been requested to serve similar notice in the case of parcel 154. The Secretary also submitted reply from Hon. John J. Linson, dated August 7, 1908.

On motion, these actions of the Secretary were confirmed and this matter was referred to Commissioner Chadwick.

The Secretary reported receipt of opinion No. 350, July 30, 1908, advising the preparation of vouchers for the payment of one-half the assessed valuation for 1905 of parcels 121 and 117, as follows:

Parcel No.	Amount.	Where Deposited.	Parties Interested.
121	\$100 00	National Ulster County Bank	Mary J. Carson.
117	450 00	National Ulster County Bank	Margaret Leonard, Richard Leonard, John J. Leonard, Michael Leonard, Thomas Leonard, Kate M. Cadmus, Leonard, Delia Leonard, Mary O'Neil.

The Secretary reported that on July 30, 1908, the original of said opinion and inclosed copies of orders directing said payments had been delivered to the Auditor.

On motion, this action of the Secretary was confirmed, and vouchers for said payments were ordered to be prepared and forwarded to the Comptroller.

Real Estate, Possession, Northern Aqueduct, Sections 3, 4 and 5.

The Secretary reported receipt of opinion No. 348, July 28, 1908, advising the preparation of vouchers for the payment of one-half the assessed valuation for 1905 of parcels 151 and 152, as follows:

Parcel No.	Amount.	Where Deposited.	Parties Interested.
151 and 152...	\$2,000 00	State of New York National Bank of Kingston...	Hiram Schoonmaker.

The Secretary reported that the original of this opinion and the inclosed copy of order directing said payment had on July 29, 1908, been delivered to the Auditor.

On motion, this action of the Secretary was confirmed. The Secretary also reported receipt of opinion No. 350, July 30, 1908, advising the preparation of vouchers for the payment of one-half the assessed valuation for 1905 of parcels 163, 164, 199 and 200, as follows:

Parcel No.	Amount.	Where Deposited.	Parties Interested.
163 and 164...	\$450 00	National Ulster County Bank.....	Henry J. Wager, John B. Krum.
199 and 200...	1,225 00	Huguenot National Bank of New Paltz.....	Carrie B. Jenkins DuBois.

The Secretary also reported that said opinion No. 350 and the inclosed copies of orders directing said payments had on July 30, 1908, been delivered to the Auditor.

On motion, these actions were confirmed, and vouchers for all of said payments were ordered to be prepared and forwarded to the Comptroller.

The Secretary reported that on July 27, 1908, he had written the Corporation Counsel to take steps immediately to obtain possession of land for Contracts Nos. 11, 12, 14 and 15, also that opinion No. 368, August 25, 1908, had been received from the Corporation Counsel in reply to said letter of July 27, 1908, stating that the same had been referred to Hon. John J. Linson, Special Counsel. On motion, this action of the Secretary was confirmed and said opinion was ordered filed.

Real Estate, Possession, Kensico.

Chief Engineer's communication No. 2665, August 3, 1908, urged haste in obtaining possession of certain parcels for the Kensico Reservoir. On motion, the Secretary was directed to forward a copy of this communication to the Corporation Counsel and to request that steps be taken immediately to obtain possession of said parcels.

Real Estate, State Lands.

The Secretary reported that the letter of P. F. Schofield, dated August 28, 1908, in reference to co-operation between the State Water Supply Commission, the Forest Fish and Game Commission, and this Board, with the view to preserving the head waters of the streams in the Catskill Mountains, had been received and referred to Commissioner Shaw. On motion, this action of the Secretary was confirmed.

Real Estate, Suffolk County.

The Secretary reported that on July 27, 1908, a copy of letter of the Chief Engineer, giving facts as to the character and purity of Suffolk County water, dated July 22, 1908, had been forwarded to the State Water Supply Commission, and that a letter had been received from the State Water Supply Commission, dated July 31, 1908, including form of advertisement of hearing to be held at the Watson House, Babylon, Long Island, September 19, 1908, to be published on various dates in the "New York Tribune," "Brooklyn Eagle," "Brooklyn Standard Union," "Brooklyn Times," "Hempstead Sentinel," "Babylon South Side Signal," "Riverhead County Review" and "Patchogue Advance." The Secretary also reported that on August 3 and 5, 1908, letters had been sent to the newspapers mentioned, ordering publication of such notice of hearing, that a letter had been sent to the State Water Supply Commission on August 5, 1908, in reference to certain dates for advertising said notice, also that on August 24, 1908, a letter had been written to the President of said Commission in reference to visiting Suffolk County, and that a reply had been received from said President on August 28, 1908. The Secretary submitted correspondence with George C. Whipple, Expert, in reference to his attendance at the hearing on September 19, 1908, being the letters of this Board of August 24 and 28, 1908, and the letters of Mr. Whipple of August 27, 1908, and September 1, 1908. The Secretary further reported that copies of the map showing the manner of obtaining from Suffolk County an additional supply of water, had been sent to Hon. Willard Bartlett, Messrs. Davies, Stone and Auerbach, and William F. Turnbull. On motion, these actions of the Secretary were confirmed. Commissioner Chadwick submitted a report, dated August 3, 1908, stating that on July 29, 1908, he had filed with the State Water Supply Commission petition of The City of New York for the approval of the map, plan and profile, dated February 25, 1908, and also one original of said map, plan and profile. On motion, this action of Commissioner Chadwick was approved.

Real Estate, Taxes.

Chief Engineer's communication No. 2670, August 3, 1908, was received, requesting the procuring of duplicate apportionment blanks for apportionment of assessments on certain parcels in Hill View Reservoir, and, on motion, said duplicates were ordered to be procured and filed.

Commissioner Shaw reported receipt of a communication from the Adjuster of Taxes and Assessments, dated August 18, 1908, in reference to the bill of the City of Yonkers, for \$8,742, for 1908 taxes on Parcels Nos. 1 to 119, Hill View, and that he had ordered said bill to be paid. On motion, this action of Commissioner Shaw was confirmed.

Chief Engineer's communication No. 2677, August 10, 1908, in reference to assessment of property in the Kensico Reservoir by the towns of Mount Pleasant and North Castle, was read. Commissioner Shaw reported that on August 13, 1908, he had written the Corporation Counsel, asking that the City's interests be protected on August 18, 1908, grievance day, for receipt of complaints against assessments in various towns in which the property under the jurisdiction of this Board is situated. On motion, this action of Commissioner Shaw was confirmed. The Secretary reported receipt of opinion No. 366, August 20, 1908, stating that the question of assessment of property had been referred to Hon. John J. Linson, Special Counsel, and Mr. H. T. Dykman, Special Counsel, also that opinion No. 371, August 31, 1908, inclosed copy of Mr. Linson's report, dated August 20, 1908, in reference to the towns of Olive and Shawangunk.

Supplies.

Commissioner Shaw reported that on July 28, 1908, invitations to bid for furnishing card index cabinet for the Engineering Bureau were sent out, estimates to be opened August 10, 1908, and that on August 10, 1908, estimates received from the following were opened and read by him:

George W. Cobb, Jr., No. 148 Nassau street, New York City.
Federal Office Equipment Company, No. 372 Broadway, New York City.
Library Bureau, No. 316 Broadway, New York City.
A. A. Weeks-Hoskins Company, No. 354 Broadway, New York City.
Clarke & Baker, No. 258 Canal street, New York City.
Derby Desk Company, No. 145 Fulton street, New York City.

Commissioner Shaw also reported that on August 11, 1908, he had awarded the order for this work to George W. Cobb, Jr., his estimate of \$110.50 being the lowest received, also that on August 11, 1908, he had directed the Chief Clerk to issue the necessary requisition and order. On motion, these actions of Commissioner Shaw were confirmed.

Telephone Service.

Commissioner Shaw reported that on August 6, 1908, pursuant to the recommendation of the Chief Engineer in his communication No. 2676, August 6, 1908, he had directed the installation of one additional telephone in Room 1510, No. 299 Broadway, New York City, and that on August 12, 1908, he had directed the Secretary to execute contract for same in behalf of the Board. The Secretary reported that such contract had been executed on August 12, 1908.

THOS. HASSETT, Secretary.

BOARD OF WATER SUPPLY.

Minutes of the Meeting of the Board of Water Supply of The City of New York, held September 8, 1908.

Present—Commissioners John A. Bense (President), Charles N. Chadwick and Charles A. Shaw.

MINUTES.

The reading of the minutes of September 3, 1908, was laid over.

FINANCIAL MATTERS.

The following bills were approved and ordered forwarded to the Comptroller for payment:

Voucher No.	In Favor Of.	Amount.
General Bills.		
8323.	Charles P. Berkey.....	\$287 50
8324.	James F. Kemp.....	300 00
8328.	Henry Romeike (Inc.).....	72
8329.	Cold Spring Telephone Company.....	8 20
8330.	Hudson River Telephone Company.....	30 12
8331.	New York and New Jersey Telephone Company.....	31 43
8332.	James S. Barron & Co.....	7 00
8333.	F. E. Brandis Sons & Co.....	8 70
8334.	Columbia Towel Supply Company.....	3 50
8335.	Eugene Dietzen Company.....	85 44
8336.	Geo. & Aug. Dittman.....	199 50
8337.	"The Engineering Record".....	29 20
8338.	A. W. Fitzgibbon.....	125 00
8339.	Follett Time Recording Company.....	1 50
8340.	Forsyth & Davis.....	34 00
8341.	Gerry & Murray.....	95 00
8342.	Minott M. Govan.....	24 26
8343.	Hammacher, Schlemmer & Co.....	1 15
8344.	C. E. Hasbrouck.....	55 17
8345.	Herring-Hall-Marvin Safe Company.....	8 75
8346.	Sanford Hill.....	6 90
8347.	Howard & Morse.....	13 00
8348.	Klee-Thourson Company.....	57 00
8349.	Lord & Taylor.....	3 00
8350.	The Locomobile Company of America.....	14 50
8351.	Charles E. Miller.....	15 00
8352.	Mitchell Motor Company of Poughkeepsie.....	51 00
8353.	New York Belting and Packing Company.....	2 50
8354.	The New York Herald Company.....	285 20
8355.	"The New York Times".....	303 60
8356.	New York State Museum.....	1 80
8357.	Northern Westchester Lighting Company.....	3 45
8358.	Pokepsie Ice Company.....	5 20
8359.	Horace Sague & Son.....	17 75
8360.	F. Schmick & Co.....	11 75
8361.	Stanley Motor Carriage Company.....	70 92
8362.	X. Stentenborough.....	3 20
8363.	Tower Bros. Stationery Company.....	439 70
8364.	The Tribune Association.....	132 00
8365.	Underwood Typewriter Company.....	32 55
8366.	A. T. Wilson.....	2 65
8367.	L. S. Winnie & Co.....	9 90
8368.	Bridge Garage, Department of Bridges, City of New York.....	64 13
8369.	C. E. Hasbrouck & Co.....	75 04
8370.	"The New York Times".....	162 00
8371.	Tower Bros. Stationery Company.....	506 40
8372.	L. S. Winnie & Co.....	17 36
8373.	Alfred D. Flinn.....	55 94
8374.	John P. Hogan.....	8 49
8375.	Robert Ridgway.....	96 73
8377.	Wilson Fitch Smith.....	5 77
8378.	Hudson River Telephone Company.....	8 19
8379.	Frank B. Tracy.....	10 28
8380.	Long Island Star Publishing Company.....	142 00

Contracts and Agreements.

8325.	John J. McLean (account of Estimate No. 1, Contract No. 6).....	1,350 00
8326.	Louis H. Dubois (account of Certificate No. 4, Agreement No. 68).....	93 98
8327.	Madison Building Company (account of Agreement No. 56, final certificate).....	175 00
8317.	MacArthur Bros. Company and Winston & Co. (Estimate No. 4, Contract No. 3).....	98,846 37

Expenses Incurred in Acquisition of Property.

8315.	Henry T. Dykman.....	7,235 83
8381.	Geo. Lowry.....	450 00
8382.	Dudley F. Valentine.....	360 00
8319.	P. P. Gardiner.....	251 18
8320.	O. R. Goldsmith.....	253 05
8321.	Edwin W. Fiske.....	105 04
8322.	Chas. P. Berkey.....	185 09

Payrolls.

8316.	Laborers, week ending August 19, 1908.....	1,974 12
8318.	Laborers, week ending August 26, 1908.....	1,986 80

Total \$117,237 46

Financial Statement.

The following weekly financial statement was read and filed:

1905.		
June 16.	Corporate Stock authorized.....	\$100,000 00
Nov. 24.	Corporate Stock authorized.....	500,000 00
Dec. 8.	Corporate Stock authorized.....	1,002,000 00
1906.		
Nov. 23.	Corporate Stock authorized.....	10,000,000 00
1907.		
June 24.	Corporate Stock authorized.....	15,000,000 00

1908.			
Mar. 20.	Corporate Stock authorized.....	11,000,000 00	
June 26.	Corporate Stock authorized.....	22,600,000 00	
		\$60,202,000 00	
Sept. 7.	Premium on sale of \$3,862,300 Water Bonds..	92,757 33	
	Miscellaneous revenue	1,324 10	
		\$60,296,081 43	
Sept. 7.	Vouchers Nos. 1 to 8382, both inclusive, registered from June 9, 1905, to September 7, 1908	\$5,430,797 33	
	Registered contract liabilities..	\$24,990,307 66	
	Estimated liabilities under special agreements	379,699 43	
	Estimated liabilities on open orders	27,281 36	
		25,397,288 45	
		30,636,995 78	
Sept. 8.	Amount available	\$20,659,083 64	

CIVIL SERVICE MATTERS.

Appointments.

On recommendation of Commissioner Shaw, and pursuant to Chief Engineer's communication No. 2710, September 4, 1908, the Secretary was directed to write the Municipal Civil Service Commission, requesting the reinstatement of Aaron Stoutenburg, Eugene Ostrander and Alexander Kirkpatrick as Laborers, at \$2 per day, they having resigned within the past year without delinquency on their part.

OTHER MATTERS.

Reports.

Weekly report of the Chief Engineer, No. 156, August 31, 1908, was filed.

Agreement No. 14.

A communication from the Finance Department, dated September 2, 1908, forwarding copy of claim 59,080, filed in said Department by the Turner Construction Company for \$338, was read, and, on motion, the Secretary was directed to write the Comptroller, giving the facts as to this claim.

Contract No. 12.

A communication was received from George W. Miatt, attorney for William L. Camiff, dated September 4, 1908, in reference to grouting machine, and was filed.

Contract No. 15.

On motion, the following resolution was unanimously adopted: Resolved, That the bid of Remington & Sherman Company for Contract No. 15 (Wallkill South Cut-and-cover), received September 1, 1908, is hereby rejected as informal on account of alterations and erasures and additions not called for, contrary to the instruction to bidders, and that said contract is hereby awarded to the Elmore & Hamilton Contracting Company, being the lowest regular bidder for said contract, and the bid of the said Elmore & Hamilton Contracting Company being the one the acceptance of which will, in the judgment of this Board, best secure the efficient performance of the work, and the Secretary is hereby directed to notify the Comptroller of this action of the Board and to request the Comptroller to return to the unsuccessful bidders their deposits respectively.

Mr. James M. Hamilton, Vice-president of the Elmore & Hamilton Contracting Company, appeared before the Board and made a statement in behalf of said company.

Contract No. 16.

Chief Engineer's communication No. 2708, September 3, 1908, asking that the printing of this contract be awarded to Martin B. Brown Company at the same prices as for Contract No. 18, was referred to Commissioner Shaw, with power.

Contract No. 17.

Chief Engineer's communication No. 2707, September 2, 1908, asking that the printing of this contract be awarded to Martin B. Brown Company at the same prices as for Contract No. 18, was referred to Commissioner Shaw, with power.

Contract No. 23.

Chief Engineer's communication No. 2709, September 3, 1908, forwarding first galley proof of this contract, for the construction of Hunters Brook and Scribner tunnels and portions of Yorktown cut-and-cover in the Town of Yorktown, Westchester County, New York, was received, and, on motion, said proof was ordered forwarded to the Corporation Counsel for approval as to form.

Contract "B."

Commissioner Shaw submitted a report, dated September 4, 1908, stating that on August 25, 1908, the Secretary read the following advertisement, which was duly published in the City Record, "New York Times" and "New York Tribune," stating that bids for furnishing certain classes of supplies would be publicly opened and read at the office of this Board, Room 910, on the ninth floor of No. 209 Broadway, New York City, on Tuesday, August 25, 1908, at 11 a. m.

To Contractors.

Sealed bids or proposals will be received by the Board of Water Supply, in the office of the Board, No. 209 Broadway, New York, Room 910, ninth floor, until 11 a. m., on Tuesday, August 25, 1908, for furnishing and delivering any one or more of the following classes of supplies:

- Class A—Engineering supplies.
- Class B—Stationery supplies.
- Class C—Printed forms.
- Class D—Hardware.

The quantities of the various classes of supplies are stated in the bid or proposal, and further information is given in the Information for Bidders.

At the above place and time the bids will be publicly opened and read. The award of the contracts, if awarded, will be made by the Board of Water Supply as soon thereafter as practicable.

A bond for the sum of thirty-five per cent. (35%) of the total amount of the contract will be required for the faithful performance of each contract. This bond must be signed by the contractor and the surety, who must be satisfactory to the Board. The name and address of the surety offered must be stated in the bid or proposal.

No bid will be received and deposited unless accompanied by a certified check upon a National or State bank, drawn to the order of the Comptroller of the City of New York, to the amount of two hundred dollars (\$200) for each class bid upon.

The date fixed for the completion of the deliveries is December 31, 1908.

Pamphlets containing information for bidders, forms of proposal, contract and bond, approved by the Corporation Counsel, and specifications, can be obtained at the office of the Board of Water Supply, Room 1515, at the above address, upon application in person or by mail.

JOHN A. BENDEL,

President.

CHARLES N. CHADWICK,

CHARLES A. SHAW,

Commissioners of the Board of Water Supply.

J. WALDO SMITH, Chief Engineer.

THOMAS HASSETT, Secretary.

Commissioner Shaw further reported that on August 25, 1908, he had opened the bids submitted, and caused the prices bid to be publicly read, said bids having been received from the following persons and concerns, each accompanied by a certified check for \$200 for each class of supplies bid upon:

Class "A."

Kolesch & Co., No. 138 Fulton street, New York City.
Eugene Dietzen Company, Nos. 214 to 220 East Twenty-third street, New York City.

Kanfel & Esser Company, No. 127 Fulton street, New York City.
Technical Supply Company, No. 46 East Fourteenth street, New York City.

Class B.

J. W. Pratt Company, No. 52 Duane street, New York City.
Jordan Stationery and Printing Company, No. 177 Pearl street, New York City.
Gerry & Murray, No. 75 Broad street, New York City.
Tower Brothers' Stationery Company, No. 23 West Twenty-third street, New York City.

Class C.

Martin B. Brown Company, Nos. 40 to 57 Park place, New York City.
Continental Playing Card Company, No. 4077 Park avenue, New York City.
Clarence S. Nathan, Nos. 9 and 11 Franklin street, New York City.
J. W. Pratt Company, No. 52 Duane street, New York City.
Jordan Stationery and Printing Company, No. 177 Pearl street, New York City.
William Bratter & Co., No. 2 Duane street, New York City.
Gerry & Murray, No. 75 Broad street, New York City.
Tower Brothers' Stationery Company, No. 23 West Twenty-third street, New York City.

Class D.

Joseph N. Early, No. 127 Reade street, New York City.
Commissioner Shaw submitted tabulation of said bids, and stated that the checks submitted by the various bidders had been sent to the Comptroller on August 25, 1908. He also submitted report of the Engineers in reference to the Technical Supply Company, J. W. Pratt Company and the Continental Playing Card Company, the lowest bidders on Classes A, B and C, respectively, and stated that the Chief Clerk reported favorably in reference to Joseph N. Early, the only bidder on Class D, and the prices bid by him. On recommendation of Commissioner Shaw the following resolution was adopted:

Resolved, That the bids of the Technical Supply Company, J. W. Pratt Company, Continental Playing Card Company and Joseph N. Early, received August 25, 1908, for Class A, Class B, Class C and Class D, respectively, of supplies, Contract B, are hereby accepted, and contracts are hereby awarded to said bidders, respectively, at the prices bid in their respective bids, each being the one the acceptance of which will, in the judgment of this Board, best secure the efficient performance of the work and the efficient delivery of the supplies called for under the class to which it relates; and that the Secretary is hereby directed to notify the Comptroller of this action of the Board and to request the Comptroller to return to the unsuccessful bidders their deposits, respectively.

Police.

The Secretary reported that on September 4, 1908, a letter from Thomas Snyder, Postmaster at High Falls, dated September 3, 1908, requesting police protection, was referred to Commissioner Shaw, and, on motion, this action was confirmed. Commissioner Shaw reported, verbally, that men would be assigned to High Falls at once. Commissioner Shaw also reported in reference to the non-payment of board of Temporary Patrolmen, that no action by the Board was necessary. He also submitted, with his approval, Special Order No. 27.

Real Estate, Expense of Acquisition.

The Secretary reported that on September 8, 1908, he had written the Corporation Counsel in regard to the bill of the Tarrytown "Press-Record," \$24.44, for advertising, Section 2, Hill View Reservoir, and, on motion, this action of the Secretary was confirmed.

Real Estate, Highways.

Communication No. 2705 was received from the Chief Engineer, dated September 2, 1908, forwarding maps showing changes of highways in Sections 1 and 2, Northern Aqueduct, towns of Yorktown, Cortlandt and Phillipsstown, rendered necessary by the construction of the aqueduct, and requesting the approval of these maps, and also that they be forwarded to the Corporation Counsel, so that proceedings may be brought to obtain the approval of these changes by the Supreme Court.

On motion, these maps were approved and ordered forwarded to the Corporation Counsel, with a request for action, as recommended by the Chief Engineer.

Real Estate, Possession, Northern Aqueduct.

Commissioner Shaw reported that on September 8, 1908, he had verified, as Commissioner, petitions for leave to deposit one-half the assessed valuation of parcels 165, 154, 155, 153, 150, 149, 146, 145, Section 4; and parcels 143, 142, 140, 141, 139, 136, 137, 138, 135, 134, 133, 132, 131, 130, 129, 128, 126, 127, 124, 123, 122, 121, 120, 118, 119, 117, 116, 115, 114, 113, 111, 110, 112, 125, 109, 108, 107, 106, 105, 104, 102, 101, 99, 100, 103, 98, 93, 97, Section 3; also that he had verified on the same date petition for leave to take immediate possession of parcels 95 and 96, Section 3.

Real Estate, Suffolk County.

The Secretary reported that affidavits of the publication of the hearing on September 10, 1908, before the State Water Supply Commission, in the Brooklyn "Eagle," the "County Review" and the Brooklyn "Standard Union" had been duly received and forwarded to said Commission; also that a similar affidavit had been received from the Brooklyn "Daily Times," of which said Commission had been notified, and that a copy of the general map had been sent to Samuel E. Klein, a lawyer in Brooklyn.

On motion, said actions were confirmed.
Commissioner Bense reported that arrangements had been made with the State Water Supply Commission to visit Suffolk County on Wednesday, September 9, 1908.

THOS. HASSETT, Secretary.

METEOROLOGICAL OBSERVATORY OF THE
DEPARTMENT OF PARKS.

Abstract of Registers from Self-recording Instruments for the Week Ending October 3, 1908.

Central Park, The City of New York—Latitude, 40° 45' 58" N. Longitude, 73° 57' 58" W.
Height of Instruments Above the Ground, 53 feet; Above the Sea, 97 feet.

BAROMETER.

DATE.		7 a. m.	1 p. m.	4 p. m.	Mean for the Day.	Maximum.	Minimum.
September and October.		Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.
Sunday, 27		30.126	30.097	30.086	30.101	30.140	30.076
Monday, 28		30.094	29.992	29.786	29.897	30.070	29.760
Tuesday, 29		29.980	29.954	30.056	29.977	30.100	29.800
Wednesday, 30		30.180	30.086	30.054	30.107	30.200	30.044
Thursday, 1		30.000	29.918	29.850	29.923	30.044	29.806
Friday, 2		29.990	29.960	30.120	29.993	30.140	29.754
Saturday, 3		30.204	30.190	30.230	30.205	30.230	30.140

Mean for the week 30.099 inches.
Maximum " at 9 p. m., October 1 30.230 "
Minimum " at 11 p. m., September 28 29.786 "
Range " 470 inch.

DOCUMENT "B."
FINANCIAL STATEMENT.

Document B—Second Quarterly Statement Showing Titles of Appropriations, Balances of 1907, Appropriations on April 1, 1908; Requisitions During Second Quarter, 1908, and Balances of 1907 on June 30, 1908; Appropriations and Transfers for 1908; Requisitions During First Quarter, Requisitions During Second Quarter, and Balances of 1908 on June 30, 1908; Memoranda of Requisitions on Liabilities Prior to 1907, During First and Second Quarters of 1908; Statement Showing Titles of Special and Trust Accounts, with Requisitions During First and Second Quarters of 1908 and Deposited with the City Chamberlain, Also Statement of Account of Special Security Deposits, Showing Balances for First Quarter of 1908, and Receipts, Refunds and Balances for Second Quarter of 1908, of Moneys Received as Security Against Damage to Sidewalks and Pavements, Deposited with the Comptroller, and Refunded Upon Completion of Work.

Titles of Appropriations.	Balances of 1907 on April 1, 1908.	Requisitions, Second Quarter, 1908.	Balances of 1907 on June 30, 1908.	Appropriations and Transfers for 1908.	Requisitions, First Quarter, 1908.	Requisitions, Second Quarter, 1908.	Balances of 1908 on June 30, 1908.
General Administration.							
Salaries of the Borough President, Commissioner of Public Works, etc.	\$181 43	.....	\$181 43	\$71,900 00	\$18,187 45	\$17,824 95	\$35,887 60
Supplies and Contingencies	1,134 52	\$185 34	949 08	8,500 00	796 45	1,297 61	6,403 94
Bureau of Engineer of Street Openings.							
Salaries	.....	.....	.....	34,480 00	8,149 98	8,149 56	18,190 46
Supplies and Contingencies	8 89	.....	8 89	3,180 00	212 35	236 91	2,680 84
Bureau of Highways.							
Boulevards, Roads and Avenues, Maintenance of	617 31	.....	617 31	.....	.....	.....	.....
Repairs and Renewal of Pavements and Regrading	1,206 80	710 23	1,170 07	.....	.....	.....	.....
Chemical and Cement Laboratory	154 09	102 50	31 59	.....	.....	.....	.....
Street Signs, Maintenance of	239 69	.....	239 69	4,000 00	743 95	368 00	2,888 05
Salaries of Superintendent and Administration Force	.....	.....	.....	82,400 00	19,314 75	20,248 56	42,830 60
Boulevards, Roads and Avenues, Maintenance of—							
Salaries and Wages	.....	.....	.....	60,500 00	12,099 85	15,905 00	32,495 14
Hired Teams, Horses, Carts, etc.	.....	.....	.....	46,150 00	9,421 25	14,919 25	21,809 50
Equipment, Repairs Renewals and Supplies	.....	.....	.....	3,000 00	160 00	638 30	2,201 80
Maintenance of Stone Block Pavements—							
Salaries and Wages	.....	.....	.....	308,960 00	63,266 59	90,201 96	154,091 45
Hired Teams, Horses, Carts, etc.	.....	.....	.....	84,000 00	14,719 41	29,138 39	40,142 00
Equipment, Repairs, Renewals and Supplies	.....	.....	.....	45,000 00	3,565 72	7,891 57	33,542 71
Maintenance of Asphalt Pavements, Including Fire Burns	.....	.....	.....	250,000 00	3,088 49	5,768 48	242,143 03
Roads, Streets and Avenues, Unimproved, Maintenance of and Sprinkling—							
Salaries and Wages	.....	.....	.....	16,500 00	2,872 25	4,379 00	9,248 75
Hired Teams, Horses, Carts, etc.	.....	.....	.....	17,625 00	2,947 50	4,814 50	9,863 00
Equipment, Repairs, Renewals and Supplies	.....	.....	.....	3,000 00	160 00	578 45	2,461 55
Viaducts, Maintenance and Repairs of—							
Salaries and Wages	.....	.....	.....	6,000 00	1,233 00	972 50	3,794 50
Equipment, Repairs, Renewals and Supplies	.....	.....	.....	3,000 00	.....	.....	3,000 00
Bureau of Incumbrances.							
Removing Obstructions in Streets and Avenues	588 00	.....	588 00	.....	.....	.....	.....
Salaries and Wages	.....	.....	.....	19,460 50	4,512 00	4,165 42	10,483 08
Incidental Expenses	.....	.....	.....	9,652 50	630 15	1,480 21	7,532 50
Bureau of Sewers.							
Sewers, Repairing and Cleaning, Payrolls and Supplies	7,001 02	3,876 37	3,124 83	.....	.....	.....	.....
Salaries of Superintendent and Administration Force	.....	.....	.....	70,170 00	14,978 63	15,546 58	39,644 79
Repairing and Cleaning Sewers—							
Salaries and Wages	.....	.....	.....	184,620 00	45,661 43	47,941 41	96,617 34
Hired Teams, Horses, Carts, etc.	.....	.....	.....	60,000 00	16,100 88	14,942 37	37,956 73
Equipment, Repairs, Renewals and Supplies	.....	.....	.....	17,380 00	628 36	5,052 47	10,699 17
Bureau of Public Buildings and Offices.							
Supplies and Repairs, Including Public Baths and Public Comfort Stations	15,134 36	5,004 48	10,129 88	.....	.....	.....	.....
Salaries of Superintendent and Administration Force	.....	.....	.....	13,556 00	4,377 28	3,412 48	7,760 24
Maintenance of Buildings and Offices—							
Salaries and Wages	.....	.....	.....	408,430 00	104,285 74	97,170 47	208,493 79
Hired Teams, Horses, Carts, etc.	.....	.....	.....	38,000 00	8,583 75	8,125 25	21,291 00
Equipment, Repairs, Renewals and Supplies	.....	.....	.....	200,700 00	17,781 57	45,834 13	146,084 30
Incidental Expenses	.....	.....	.....	2,800 00	142 25	267 05	2,390 70
Telephones, Rental of	.....	.....	.....	9,300 00	.....	.....	9,300 00
Public Baths and Public Comfort Stations, Maintenance of—							
Salaries and Wages	.....	.....	.....	437,880 73	52,157 50	46,992 90	138,250 35
Hired Teams, Horses, Carts, etc.	.....	.....	.....	1,500 00	.....	.....	1,500 00
Equipment, Repairs, Renewals and Supplies	.....	.....	.....	81,000 00	5,828 42	24,635 88	60,545 70
Incidental Expenses	.....	.....	.....	6,500 00	145 24	1,124 33	5,270 43
Total	\$26,965 91	\$9,905 32	\$17,060 59	\$2,420,378 75	\$432,741 82	\$536,383 68	\$1,457,451 15

Memoranda of Requisitions During First and Second Quarters of 1908 on Liabilities Prior to 1907.

Titles of Appropriations.	Requisitions, First Quarter, 1908.								Requisitions, Second Quarter, 1908.										Total.
	1894.	1895.	1897.	1898.	1899.	1900.	1904.	1905.	1892.	1893.	1895.	1896.	1897.	1898.	1899.	1900.	1907.	1908.	
Department of Public Works.																			
Repairing Streets and Avenues.	\$21 00	\$272 86	.....	.....	.....	.....	.....	.....	\$106 04	\$136 21	\$3,620 72	\$365 29	\$1,548 57	.....	.....	.....	.....	\$6,524 02
Repairs and Renewal of Pavements and Regrading.	.....	.....	\$26 17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26 17
Department of Highways.																			
Repairing Streets and Avenues.	.....	.....	.....	\$1,237 19	\$329 04	\$695 19	.....	.....	.....	.....	.....	.....	.....	\$612 00	\$634 81	\$1,381 06	\$1,247 25	6,409 16
President of the Borough of Manhattan.																			
Bureau of Public Buildings and Offices.																			
Supplies and Repairs, including Public Baths and Public Comfort Stations.	.....	.....	.....	.....	.....	.....	\$174 74	\$21 01	.....	.....	.....	.....	.....	.....	.....	.....	.....	245 75
Bureau of Sewers.																			
Sewers, Repairing and Cleaning, Payrolls and Supplies.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$21 80	21 80
	\$21 00	\$272 86	\$26 17	\$1,237 19	\$329 04	\$695 19	\$174 74	\$21 01	\$106 04	\$136 21	\$3,620 72	\$365 29	\$1,548 57	\$612 00	\$634 81	\$1,381 06	\$1,247 25	\$21 80	
																		\$12,226 94	

Appended herewith is a report from the Foreman in charge of street signs; also report showing work done in conjunction with the inspection and repair of street pavements other than granite and macadam, etc.

Hon. GEORGE F. SCANNELL, Superintendent of Highways:

July 1, 1908.

Dear Sir—Pursuant to instructions, I beg to submit herewith a report of the work performed by the Division of Street Signs during the quarter ending June 30, 1908. This division has performed its regular work in the care and maintenance of street signs. In addition to the usual inspection, painting and adjusting, work has been completed as follows:

Electric street sign frames repaired.....	125
Electric street sign frames replaced.....	4
Electric street sign frames removed.....	5
Welsbach street sign frames repaired.....	9
Welsbach street sign frames replaced.....	35
Welsbach street sign frames removed.....	8
Cris-cross street sign frames repaired.....	49
Cris-cross street sign frames replaced.....	9
Cris-cross street sign frames removed.....	17
Becker electric street sign frames replaced.....	2
Becker electric street sign frames removed.....	2
Traffic signs removed.....	4
Traffic signs repaired.....	4
Traffic signs replaced.....	2
Hospital signs erected.....	16
House signs reset.....	23
House signs erected.....	4
House signs removed.....	8
Triangle street sign boxes erected.....	3
Triangle street sign boxes repaired.....	6
Posts removed.....	10
Posts reset and columns recaulked.....	9
Columns replaced.....	2
Blue enameled street signs replaced.....	15
Blue glass street signs replaced.....	62
Stencils removed to be refinished.....	482
Stencils replaced.....	1,380
Opal glass replaced.....	1,480
Walks repaved and cemented.....	9

Respectfully yours,

JOHN J. DRUMM,

Foreman in Charge of Street Signs.

Bureau of Highways for Manhattan, Chief Engineer,
Park Row Building,

July 27, 1908.

Mr. GEORGE F. SCANNELL, Superintendent of Highways:

Dear Sir—In accordance with your instructions, I beg to submit the attached report for the quarter ending June 30, 1908, of work done in conjunction with the inspection and repair of the street pavements in the Borough of Manhattan, other than granite and macadam; also the number of complaints from the Police Department which have received proper attention.

Respectfully,

W. FRANK BANHAM, Clerk.

Report for Quarter Ending June 30, 1908.

Month.	Section.	Complaints.	Repairs.
April.....	1	821	1,235
	2	1,157	1,895
	3	1,289	2,071
	4	1,482	1,750
	5	772	4,787
	6	851	1,559
		6,472	13,897
May.....	1	723	685
	2	951	1,072
	3	1,124	826
	4	974	799
	5	865	1,192
	6	436	642
		5,093	5,216
June.....	1	599	795
	2	979	1,185
	3	741	1,227
	4	1,137	985
	5	782	1,135
	6	406	1,215
		4,644	6,452

Recapitulation.

Complaints.....	16,209
Repairs.....	25,565
Police complaints.....	5,580

DOCUMENT "E."

REPORT OF THE CHIEF ENGINEER, BUREAU OF HIGHWAYS.

Chief Engineer, Bureau of Highways,
Nos. 13 to 21 Park Row,
New York, July 15, 1908.

Mr. JOHN CLOUGHEN, Commissioner of Public Works:

Dear Sir—In compliance with your instructions, I have the honor to herewith submit my report of the operations of this office for the quarter ending June 30, 1908.

Respectfully,

GEO. W. TILLSON, Chief Engineer.

Amount of Work Done During the Quarter Ending June 30, 1908.

Earth excavated, cubic yards.....	16,772
Rock excavated, cubic yards.....	1,043
Filling furnished, cubic yards.....	28,693
Flagging laid, square feet.....	15,232
Flagging relaid, square feet.....	1,207
Curbstone set, linear feet.....	3,865
Curbstone reset, linear feet.....	10
Bridgestone laid, square feet.....	1,200
Rubble masonry, cubic yards.....	4,711
Cement masonry, cubic yards.....	4,213
Concrete, cubic yards.....	434
Hammer dressed granite, linear feet.....	263
Bluestone park steps, linear feet.....	328
Bronze railing, linear feet.....	86
Carved granite vases.....	3
Playing fountain.....	1
Lamp shaft, one light.....	1
Lamp shaft, two lights.....	1
Pipe drains, linear feet.....	608
Road basins.....	8
Walk basin.....	1
Branch supply for fountain.....	4
Brick manholes.....	2
Brick service boxes.....	3
Wrought iron pipe connections.....	8
Rock faced ashlar, cubic yards.....	378
Railing, linear feet.....	871
Telford macadam, square yards.....	380
Bridle path, square yards.....	105
Asphalt walks, square yards.....	145
Cement walks, square yards.....	2,000
Sod, square feet.....	30,000
Mold, cubic yards.....	2,587
Shrubs.....	40
Surface basin.....	1
Water pipe, linear feet.....	36
Clay conduits, single.....	60
Electric light standards.....	12
Gutter laid, linear feet.....	1,800
Public shelter.....	1
Trees.....	31

Permits to Repair Sidewalks.

April.....	455
May.....	405
June.....	602
	<hr/>
	1,552

Works Completed During the Quarter.

Regulating and Grading.

One Hundred and Thirty-ninth street, from 425 feet west of Broadway to Riverside drive.....	\$612 70
One Hundred and Fortieth street, from Broadway to Riverside drive.....	5,051 42

Flagging.

No. 43 Montgomery street.....	343 13
One Hundred and Forty-third street, north side, commencing 113 feet east of Lenox avenue.....	139 47
No. 104 Washington street.....	70 92
Nos. 19 and 21 East One Hundred and Ninth street.....	115 27
No. 57 Allen street.....	47 68
Northeast corner of One Hundred and Thirty-first street and Old Broadway.....	361 02
No. 350 Madison avenue.....	9 81
No. 523 Broome street.....	48 41
Nos. 223 and 225 East Ninety-eighth street.....	116 15
Northwest corner of Dyckman street and Prescott avenue.....	416 83
\$7,332 81	

Amount of Vouchers Drawn.

Street Improvement Fund.....	\$55,400 30
Contingencies.....	5 00
Extension of Riverside Drive.....	125,011 65
Henry Hudson Memorial Bridge.....	1,500 00
Maintenance of Stone Pavements, etc.....	441 90
Chemical and Cement Laboratory, 1907.....	102 50
	\$182,551 44

SUMMARY.

Length of New Mains Laid

	Feet.
Electric main conduits.....	32,117
Gas mains.....	4,616
Water mains.....	21,540
Pneumatic tubes.....	62

Length of Mains Overhauled.

Gas mains.....	28,545
Electric mains.....	134

Length of Mains Removed.

Electric mains.....	1,828
---------------------	-------

Length of Long Services Laid (Those Over 100 Feet Each).

For electricity	2,726
	<hr/>
	91,575

—or 17.343 miles.

SERVICES, REPAIRS, ETC.

Number of Permits.

Company.	Services.	Repairs.	Total.
For Electricity—			
Consolidated Subway Company.....	626	112	738
Empire City Subway Company, Ltd.....	213	327	540
New York Edison Company (Lamps).....	21	40	61
Fire Department.....	—	2	2
United Electric Light and Power Company.....	8	—	8
Total.....	868	481	1,349

Company.	Services.	Repairs.	Total.
For Gas—			
Consolidated Gas Company.....	140	1,836	1,976
For Steam—			
New York Steam Company.....	7	73	80
For Pneumatic Tubes—			
New York Mail and Newspaper Transportation Company..	1	1	1
Postal Telegraph-Cable Company.....	1	1	1
For Compressed Air—			
United Engineering and Contracting Company.....	1	1	1
For Water—			
Department of Water Supply, Gas and Electricity.....	4	1	5
For Sewer—			
Bureau of Sewers.....	—	5	4
Total.....	1,644	4,308	5,952
For Poles—			
New York Telephone Company.....	—	—	2
For Sidewalk—			
New York Contracting Company.....	—	—	1
For Main (Removal)—			
Empire City Subway Company, Ltd.....	—	—	3
For Water Pipe (Remove)—			
B. T. Babbitt & Co., Inc.....	—	—	1
For Sewer Basins—			
Bureau of Sewers.....	—	—	2
For Fire Alarm Boxes—			
Department of Education.....	—	—	1
For Lamps—			
United Electric Light and Power Company.....	—	—	6
Hudson and Manhattan Railroad Company.....	—	—	1
For Tunnel—			
Board of Trustees, Bellevue and Allied Hospitals.....	—	—	1
For Sewer (to Rebuild)—			
Hickey Contracting Company.....	—	—	1
For Railway Construction and Repairs—			
New York City Railway Company.....	—	—	55
Interborough Rapid Transit Company.....	—	—	4
Third Avenue Railroad Company.....	—	—	4
New York Central and Hudson River Railroad Company.....	—	—	2
Total.....	—	—	5,524

Number of Emergencies.

Repairs made under Police permits on account of the inadvisability of waiting until an ordinary permit could be obtained by the different companies:

Consolidated Gas Company.....	99
New York Edison Company.....	22
New York Steam Company.....	8
New York Mail and Newspaper Transportation Company.....	2
Bureau of Sewers.....	33
Total.....	164

SUMMARY FOR PAVEMENT OPENINGS.

Number of Openings.

Classification.	Made by Corporations.		Steam.	Other Purposes.	Total.
	Electricity.	Gas.			
Mains, to lay and overhaul.....	196	53	3	15	267
Services, to lay and repair.....	2,449	3,214	121	—	5,784
Total.....	2,645	3,267	124	15	5,849
Railways, to construct and repair.....	—	—	—	—	1,411
Total.....	—	—	—	—	7,260

Note.—The above summary does not include openings in the surface of pavements made by this Bureau and the asphalt paving companies for the purpose of repairing defects in the pavements due to ordinary wear, nor openings to repair sidewalks, nor openings for temporary incumbrances such as poles to support banners or derrick guys.

WEEKLY REPORTS.

Number of Permits Issued.

For the Week Ending April 3, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	21	—	31	11	63
Empire City Subway Company, Limited.....	4	—	14	22	40
New York Edison Company.....	—	—	3	—	3
Fire Department.....	—	—	—	1	1
Total.....	25	—	48	34	107

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Gas—					
Consolidated Gas Company.....	1	5	22	122	150
For Steam—					
New York Steam Company.....	—	—	—	5	5
For Pneumatic Tubes—					
New York Mail and Newspaper Transportation Company.....	—	—	—	1	1
For Compressed Air—					
United Engineering and Contracting Company.....	1	—	—	1	2
Total.....	2	5	22	128	157
For Railway Construction and Repairs—					
New York City Railway Company.....	—	—	—	—	2
Interborough Rapid Transit Company.....	—	—	—	—	1
Total.....	—	—	—	—	3
Total.....	2	5	22	133	163

For the Week Ending April 8, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	16	—	53	2	71
Empire City Subway Company, Limited.....	—	—	17	30	47
New York Edison Company.....	—	—	—	1	1
Total.....	16	—	70	33	119
For Gas—					
Consolidated Gas Company.....	2	6	11	126	145
For Steam—					
New York Steam Company.....	—	—	—	5	5
For Water—					
Department of Water Supply, Gas and Electricity.....	1	—	—	21	22
For Sewers—					
Bureau of Sewers.....	—	—	—	1	1
For Pneumatic Tubes—					
New York Mail and Newspaper Transportation Company.....	1	—	—	—	1
Total.....	20	6	81	155	262
For Poles—					
New York Telephone Company.....	—	—	—	—	2
For Sidewalk (Temporary)—					
New York Contracting Company.....	—	—	—	—	1
For Railway Construction and Repairs—					
New York City Railway Company.....	—	—	—	—	1
Total.....	20	6	81	156	263

* Hydrant.

For the Week Ending April 15, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	12	—	43	6	61
Empire City Subway Company, Limited.....	—	—	16	28	44
New York Edison Company.....	—	—	—	1	1
Total.....	12	—	59	35	106
For Gas—					
Consolidated Gas Company.....	—	1	11	126	138
For Steam—					
New York Steam Company.....	—	—	—	5	5
For Sewers—					
Bureau of Sewers.....	—	—	—	2	2
For Pneumatic Tubes—					
New York Mail and Newspaper Transportation Company.....	1	—	—	—	1
Total.....	13	1	70	164	249
For Railway Construction and Repairs—					
New York City Railway Company.....	—	—	—	—	1
Interborough Rapid Transit Company.....	—	—	—	—	1
Total.....	—	—	—	—	2
Total.....	13	1	70	166	251

For the Week Ending April 22, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	9	—	44	2	55
Empire City Subway Company, Limited.....	—	—	3	19	22
New York Edison Company.....	—	—	*2	*1	3
Department of Education.....	1	—	—	—	1
Fire Department.....	—	—	—	1	1
Total.....	10	1	51	23	85
For Gas—					
Consolidated Gas Company.....	—	4	9	144	157
For Steam—					
New York Steam Company.....	—	—	1	5	6
For Pneumatic Tubes—					
Postal Telegraph Cable Company.....	—	—	—	1	1
For Water—					
Department of Water Supply.....	1	—	—	—	1
Total.....	11	5	61	177	254

* Lamps.

For the Week Ending April 29, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	2	—	31	15	53
Empire City Subway Company, Limited.....	—	—	17	27	44
New York Edison Company.....	—	—	*6	*1	7
Total.....	2	—	54	43	103
For Gas—					
Consolidated Gas Company.....	3	6	13	159	181
For Steam—					
New York Steam Company.....	—	—	—	4	4
For Water—					
Department of Water Supply.....	3	—	—	—	3
For Pneumatic Tubes—					
New York Mail and Newspaper Transportation Company.....	1	—	—	—	1
Total.....	14	6	67	206	293
For Main Removal—					
Empire City Subway Company.....	—	—	—	—	3
For Railway Construction and Repairs—					
New York City Railway Company.....	—	—	—	—	5
Interborough Rapid Transit Company (repairing column).....	—	—	—	—	1
Total.....	—	—	—	—	392

* Lamps.

For the Week Ending May 5, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	11	—	48	7	66
Empire City Subway Company, Limited.....	—	1	22	20	45
New York Edison Company.....	—	—	*18	*2	20
Total.....	11	1	88	29	131
For Gas—					
Consolidated Gas Company.....	—	3	11	145	159
For Steam—					
New York Steam Company.....	—	—	3	7	10
For Water—					
Department of Water Supply, Gas and Electricity.....	—	—	14	—	14
For Gasolene—					
John Lalumbee, Jr.....	1	—	10	—	11
Total.....	12	4	105	181	306
For Water Pipe (to Remove)—					
B. T. Babbitt & Co., Incorporated.....	—	—	—	—	1
For Poles—					
New York Telephone Company.....	—	—	—	—	1
For Railway Construction and Repairs—					
New York City Railway Company.....	—	—	—	—	3
Total.....	—	—	—	—	309

* Lamps. † Hydrants.

For the Week Ending May 13, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	16	—	52	9	77
Empire City Subway Company, Limited.....	—	—	20	27	47
New York Edison Company.....	—	—	*7	*5	12
United Electric Light and Power Company.....	—	—	2	—	2
Total.....	16	—	81	41	140
For Gas—					
Consolidated Gas Company.....	1	5	11	124	141
For Steam—					
New York Steam Company.....	—	—	—	2	2
For Sewer—					
Bureau of Sewers.....	1	—	—	—	1
Total.....	20	5	94	184	309
For Sewer Basin—					
Bureau of Sewers.....	—	—	—	—	2
For Railway Construction and Repairs—					
New York City Railway Company.....	—	—	—	—	5
Third Avenue Railroad Company.....	—	—	—	—	2
New York Central and Hudson River Railroad Company.....	—	—	—	—	1
Total.....	—	—	—	—	308

* Lamps.

For the Week Ending May 20, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	10	—	44	8	62
Empire City Subway Company, Limited.....	—	—	18	22	40
New York Edison Company.....	—	—	*3	*6	9
Total.....	10	—	65	36	111
For Gas—					
Consolidated Gas Company.....	2	5	14	157	178
For Steam—					
New York Steam Company.....	—	2	—	8	10
For Sewers—					
Bureau of Sewers.....	—	—	—	1	1
Total.....	12	7	79	212	310
For Fire Alarm Box—					
Department of Education.....	—	—	—	—	1
Total.....	—	—	—	—	311

* Lamps.

For the Week Ending May 27, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	15	—	55	7	77
Empire City Subway Company, Limited.....	—	—	15	19	34
New York Edison Company.....	—	—	*2	*1	3
Total.....	15	—	72	27	114
For Gas—					
Consolidated Gas Company.....	—	2	7	145	154
For Steam—					
New York Steam Company.....	1	—	1	2	4
For Gasolene—					
God Speed Realty Company.....	1	—	—	—	1
For Sewers—					
Bureau of Sewers.....	1	—	—	—	1
Total.....	18	2	80	178	300
For Railway Construction and Repairs—					
New York City Railway Company.....	—	—	—	—	6
Total.....	—	—	—	—	305

* Lamps.

For the Week Ending June 3, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	24	11	41	12	74
Empire City Subway Company, Limited....	8	11	11	33	50
New York Edison Company.....	12	11	*1	*8	5
Total	27	22	53	49	120
For Gas—					
Consolidated Gas Company.....	1	2	7	121	131
For Steam—					
New York Steam Company.....	1	1	1	1	2
Total	28	23	61	173	262
For Lamps—					
United Electric Light and Power Company.....					6
Hudson and Manhattan Railroad Company.....					1
For Tunnel—					
Board of Trustees of Bellevue and Allied Hospitals.....					1
For Railway Construction and Repairs—					
New York City Railway Company.....					4
Total					274

*Lamps.

For the Week Ending June 10, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	12	11	34	7	51
Empire City Subway Company, Limited....	1	1	14	16	30
New York Edison Company.....	1	1	*3	*7	10
Department of Education.....	1	1	1	1	3
Total	13	22	49	30	94
For Gas—					
Consolidated Gas Company.....	1	1	8	117	125
For Steam—					
New York Steam Company.....	1	1	2	0	8
Total	13	22	59	153	225
For Railway Construction and Repairs—					
New York City Railway Company.....					6
Third Avenue Railroad Company.....					1
New York Central and Hudson River Railroad Company.....					1
Total					223

*Lamps.

For the Week Ending June 17, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	11	11	42	11	64
Empire City Subway Company, Limited....	1	1	17	40	63
New York Edison Company.....	1	1	*1	*6	6
Total	13	22	59	61	133
For Gas—					
Consolidated Gas Company.....	1	1	7	155	163
For Steam—					
New York Steam Company.....	1	1	1	4	4
Total	14	23	66	223	302
For Railway Construction and Repairs—					
New York City Railway Company.....					2
Interborough Rapid Transit Company.....					3
Total					205

*Lamps.

For the Week Ending June 24, 1908.

Company.	New Mains.	Overhaul Mains.	Services.	Repairs.	Total.
For Electricity—					
Consolidated Subway Company.....	15	11	33	10	58
Empire City Subway Company, Limited....	3	1	24	16	44
New York Edison Company.....	1	1	*2	*9	11
United Electric Light and Power Company.....	1	1	*1	1	1
Total	18	22	60	35	114
For Gas—					
Consolidated Gas Company.....	3	2	5	164	174
For Steam—					
New York Steam Company.....	1	1	1	3	3
Total	21	23	65	202	291
For Sewer (to rebuild)—					
Hickey Contracting Company.....					1
For Railway Construction and Repairs—					
New York City Railway Company.....					15
Total					208

*Lamps.

DOCUMENT "F."

REPORT OF THE DIVISION OF ROADS, BUREAU OF HIGHWAYS.

Bureau of Highways, Division of Roads,
Nos. 13 to 21 Park Row,
New York, July 7, 1908.

JOHN CLOUGHEN, Esq., Commissioner of Public Works:

Dear Sir—I respectfully submit the following statements of the financial condition of the Bureau of Highways, Division of Roads, for the quarter ending June 30, 1908:

Very respectfully,

JOHN J. SULLIVAN,
General Inspector, Division of Roads.

The following is a statement of the work performed and materials used on Boulevards, Roads and Avenues, Maintenance of, and Roads, Streets and Avenues, Unpaved, Maintenance of, and Sprinkling, during the quarter ending June 30, 1908:

Roadway cleaned, miles.....	523
Gutters cleaned, miles.....	444
Crosswalks cleaned, miles.....	126
Cleanings hauled, loads.....	84
Earth hauled, loads.....	1,255
Covering used, loads.....	200
Carting and trucking, loads.....	291
Refuse removed, loads.....	1,757
Material hauled and used, loads.....	56
Screenings hauled, loads.....	184
Washouts filled, loads.....	285
Telford hauled, loads.....	50
Broken stone hauled, loads.....	199
Ashes hauled, loads.....	10
Roadway covered with screenings, square yards.....	1,131
Roadway repaired, square yards.....	2,580
Patching, square yards.....	66
Regulating and grading, square feet.....	900
Flagging laid, square feet.....	105
Grading, square yards.....	666
Dirt roadway repaired, square yards.....	390
Flagging repaired, square feet.....	60
Rolling, hours.....	224

The following is a summary of the work performed in the Bureau of Repair Shops, Division of Roads, for the quarter ending June 30, 1908:

Monitors painted.....	14
Wheels painted.....	8
Signs painted.....	6
Monitors repaired.....	8
Wrenches made.....	8
Monitors lashed.....	5
Monitors packed.....	7
Making bolts.....	10
Picks sharpened.....	58
New whifflebar made.....	1
Hose put on crooks.....	12
Signs lettered.....	20
Screw bands made.....	8
Pole chains made.....	4
New yoke made.....	1
Wheels painted.....	3
Cleaves made.....	4
Chisels sharpened.....	30
Springs made.....	6
Plates made.....	4
Pole chains repaired.....	3
Bands made.....	10
Tool boxes repaired.....	4
New wheels made.....	2

The following is a statement of the various appropriations under charge of the Bureau of Highways, Division of Roads, Boulevards, Roads and Avenues, Maintenance of, 1908, during the quarter ending June 30, 1908:

Boulevards, Roads and Avenues, Maintenance of, 1908, Salaries and Wages.....	\$60,500 00
Amount transmitted during the first quarter ending March 31, 1908.....	12,104 61
Balance, April 1, 1908.....	\$48,395 39
Boulevards, Roads and Avenues, Hired Teams, Horses and Carts.....	\$16,150 00
Amount transmitted during the first quarter ending March 31, 1908.....	9,421 25
Balance, April 1, 1908.....	\$36,728 75

Boulevards, Roads and Avenues, Equipment, Renewals and Supply.....	\$3,000 00
Amount transmitted during the first quarter ending March 31, 1908.....	160 00
Balance, April 1, 1908.....	\$2,840 00
Boulevards, Roads and Avenues, Maintenance of, Salaries and Wages....	\$48,395 39
Amount transmitted during the second quarter ending June 30, 1909.....	17,225 50
Balance, June 30, 1908.....	\$31,169 89
Boulevards, Roads and Avenues, Hired Teams, Horses and Carts.....	\$36,728 75
Amount transmitted during the second quarter ending June 30, 1908.....	16,176 25
Balance, June 30, 1908.....	\$20,552 50
Boulevards, Roads and Avenues, Equipment, Renewals and Supplies.....	\$2,840 00
Amount transmitted during the second quarter ending June 30, 1908.....	749 40
Balance, June 30, 1908.....	\$2,090 60

The following is a statement of the various appropriations under charge of the Bureau of Highways, Division of Roads, for the quarter ending June 30, 1908:

Roads, Streets and Avenues, Unpaved, Maintenance of, and Sprinkling, Salaries and Wages, 1908.....	\$16,500 00
Amount transmitted during the first quarter ending March 31, 1908.....	2,872 25
Balance, April 1, 1908.....	\$13,627 75
Roads, Streets and Avenues, Unpaved, Maintenance of, Hired Teams, Horses and Carts.....	\$17,625 00
Amount transmitted during the first quarter ending March 31, 1908.....	2,047 50
Balance, April 1, 1908.....	\$14,677 50

Roads, Streets and Avenues, Unpaved, Maintenance of, Equipment, Repairs, Renewal and Supplies.....	\$3,000 00
Amount transmitted during the first quarter ending March 31, 1908.....	160 00
Balance, April 1, 1908.....	\$2,840 00

Roads, Streets and Avenues, Unpaved, Maintenance of, Salaries and Wages.....	\$13,627 75
Amount transmitted during the second quarter ending June 30, 1908.....	4,745 00
Balance, June 30, 1908.....	\$8,882 75

Roads, Streets and Avenues, Unpaved, Maintenance of, Hired Teams, Horses and Carts.....	14,677 50
Amount transmitted during the second quarter ending June 30, 1908.....	5,210 50
Balance, June 30, 1908.....	\$9,458 00

Roads, Streets and Avenues, Unpaved, Maintenance of, Equipment, Repairs, Renewals and Supplies.....	2,840 00
Amount transmitted during the second quarter ending June 30, 1908.....	578 45
Balance, June 30, 1908.....	\$2,261 55

DOCUMENT "G."

REPORT OF THE SUPERINTENDENT OF SEWERS

Bureau of Sewers,
Nos. 13 to 21 Park Row,
New York, July 10, 1908.

Hon. JOHN CLOUGHEN, Commissioner of Public Works:

Dear Sir—In compliance with instructions I hand you herewith a report of the work done and in course of construction under my supervision, for the quarter ending June 30, 1908:

Statement No. 1 contains a report of the financial transactions during the quarter. Statement No. 2 is the report of Chief Engineer, Mr. Horace Loomis, which is a detailed and complete statement of work done and in course of construction, and work completed during the quarter.

Statement No. 3 shows the amount of work done and material used by the laboring force in the cleaning and repairing of sewers and basins during the quarter.

The present total length of the sewerage system in the Borough of Manhattan is 2,740,713 linear feet or 519.07 miles with 6,389 receiving basins, making the amount of new sewer completed during the quarter 4,775 linear feet and twelve (12) receiving basins.

The following sewers have been completed during the quarter:

Sewer in One Hundred and Forty-sixth street, between Eighth and Bradhurst avenues.

Sewer in West One Hundred and Ninety-first street, between Wadsworth and St. Nicholas avenues.

Sewer in Fairview avenue, between Broadway and St. Nicholas avenue.

Receiving basin on east side Third avenue, between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets.

Reconstruction of sewer in Columbus avenue, between Sixty-first and Sixty-second streets, and in Sixty-first street, between Columbus avenue and Broadway.

Reconstruction of outlet sewer at Twenty-third street and North River.

Repairs to sewer in Cedar street, between Nassau and William streets.

Sewer in Scammel street, between Water and Cherry streets.

Sewer in Vermilyea avenue, between Two Hundred and Eleventh and Dyckman streets, and in Hawthorne street, between Broadway and summit east of Vermilyea avenue.

Sewer in Twelfth avenue, between One Hundred and Thirty-third and One Hundred and Thirty-fifth streets.

There are now in active progress nine (9) contracts, payable from Street Improvement Fund, amounting to \$104,127.89. There are also four (4) reconstruction contracts in progress, payable from Reconstruction of Sewers, Borough of Manhattan, amounting to \$130,878.50. A detailed statement of the above works appears in schedule annexed:

The following contracts are ready to be prosecuted and in a short time dates will be set for their commencement:

Sewer and appurtenances in Ninth avenue, between Two Hundred and Tenth and Two Hundred and Fifteenth streets, and between Two Hundred and Eighteenth street and Broadway.

Receiving basin and appurtenances on the southeast corner of Forty-sixth street and First avenue.

Reconstruction of outlet sewer and appurtenances under Pier (new) 15, East River and in South street, between Maiden lane and Burling slip.

Reconstruction of outlet sewers in Twenty-eighth and Twenty-ninth streets, between East River and First avenue, and in First avenue, between Twenty-eighth and Twenty-ninth streets.

Sewer in West One Hundred and Fifty-eighth street, between Amsterdam avenue and Avenue St. Nicholas.

Repairs to brick and pipe sewers during the year 1908.

The following sewers have been petitioned for by property owners and preliminary steps have been taken toward constructing same:

Receiving basin on the north side of Forty-sixth street, half way between First avenue and East River.

Sewer in One Hundred and Fifty-sixth street, between Eighth avenue and Harlem River.

Sewer in One Hundred and Seventieth street, between Fort Washington and Haven avenues.

Sewer in Bennett avenue, between Broadway and One Hundred and Eighty-first street.

Sewer in Two Hundred and Twelfth street, between Harlem River and Broadway.

Extension of sewer in One Hundred and Twenty-fourth street and Harlem River.

Extension of sewer in One Hundred and Twentieth street at East River.

Receiving basin on northeast corner Avenue A and Twenty-second street.

Sewer in West One Hundred and Seventy-seventh street (Depot lane), Haven avenue to Riverside drive.

Sewer in One Hundred and Seventy-seventh street, between Audubon and St. Nicholas avenues.

Basin, south side One Hundred and Eighteenth street, between Lenox and Fifth avenues.

Reconstruction of outlet sewer at the foot of Seventy-ninth street, East River.

Outlet sewer, Harlem River, between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets, and in Park avenue, between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets.

Reconstruction of outlet sewer at the foot of Market street, East River.

Reconstruction of sewer at Hudson street and Albany street.

Rebuilding of sewer in Twenty-sixth street, between Fifth and Sixth avenues.

Rebuilding of sewer in Liberty street, Greenwich to West streets.

Rebuilding of sewer in Liberty street, Nassau street and Maiden lane.

Rebuilding of sewer in John street, Broadway to Pearl street.

Rebuilding of sewer in Cedar street, between Broadway and Nassau street.

Alteration and improvement to sewer in Mercer street, between Spring and Prince streets, except portion recently repaired.

Sewer in One Hundred and Seventy-second street, between Broadway and Fort Washington avenue.

Sewer in Avenue A, between Eleventh and Twelfth streets.

Receiving basin, Manhattan street, west of Twelfth avenue.

Alteration and improvement to sewer in Ninety-second street, between Park and Second avenues.

Alteration and improvement to sewer in One Hundred and Eighteenth street, between Third and Lexington avenues.

Sewer in West One Hundred and Seventy-ninth street, between Broadway and Fort Washington avenue.

Sewer in Broadway, east and west sides, between Emerson and Isham streets.

Sewer in Emerson and Cooper streets, to summit east of Vermilyea avenue, and in Broadway, east and west sides, from Emerson street to the summit south of Emerson street.

Extension of sewer in One Hundred and Forty-second street, between Lenox avenue and Harlem River, from end of present sewer to bulkhead line.

Sewer in West One Hundred and Sixty-seventh street, between Amsterdam and Audubon avenues.

Sewer in West One Hundred and Sixty-seventh street, between Broadway and Fort Washington avenue.

Sewer in West One Hundred and Sixty-eighth street, between Broadway and Fort Washington avenue.

Extension of sewer in Eighteenth street and East River, and other work in connection with the same.

Alteration and improvement to sewer in Church street, between Liberty and Cortlandt streets.

Sewer in Fort Washington avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets.

Sewer in One Hundred and Thirty-fourth street, between Broadway and Twelfth avenue.

Sewer in One Hundred and Fifty-first street, between Broadway and Riverside drive.

During the past quarter very good progress has been made on the various works in charge of this Bureau. Some important sewers have been built in the upper district where sewers have never been built up to this date. I might mention sewer in One Hundred and Ninety-first street, between Wadsworth and St. Nicholas avenues; sewer in Vermilyea avenue, between Two Hundred and Eleventh and Dyckman streets; sewer in Hawthorne street, between Broadway and summit east of Vermilyea avenue; and sewer in Fairview avenue, between Broadway and St. Nicholas avenue, as works which are immediately beneficial to the adjoining property.

In the lower part of the City a large amount of work has been done towards building new outlets and rebuilding old sewers which had become so dilapidated as to be of little use. In this connection I might mention the completion of outlet at Twenty-third street and North River; also the completion of sewer under Pier 38, together with connecting sewers, which is a portion of the improvement of dock property in what is known as the "Chelsea District." We have several works of this same sort in progress and contemplated. Under this head I might mention the reconstruction of outlet sewer and appurtenances under Pier (new) 15, East River; new outlet at Forty-second street and Hudson River, and change of outlet for sewers in Twenty-eighth and Twenty-ninth streets, between East River and First avenue, and in First avenue, between Twenty-eighth and Twenty-ninth streets.

A large list of sewers have been petitioned for, both for new construction and rebuilding in various parts of the City, which will be undertaken as soon as the necessary resolutions from the various Boards that regulate these matters have been passed and the funds are available through the Finance Department.

During the past quarter it has been resolved that all work of repair and rebuilding, which is of greater magnitude than can be profitably done by the laboring forces shall be done under public contract and after a public letting. Contract has already been let for this purpose and it is expected within a short time that contractors' bonds will be approved and we will be empowered to undertake repair works of considerable importance. It is also intended to let a contract for cleaning the larger sewers, special attention being paid to tidal sewers and those connected with them. It is found that with the present laboring force this work can be done much more profitably by contract than by the laborers employed by the Department.

Sewer Permits.

Permits issued for new connections.....	95
Permits issued for repairs.....	112

Engineers' Fees.

Amount of Engineers' fees assessed on property benefited and charged to Street Improvement Fund was \$3,000.65.

Yours respectfully,

HORACE LOOMIS,
Chief Engineer and Acting Superintendent of Sewers.

STATEMENT No. 1.

Financial Transactions of the Bureau of Sewers for the Quarter Ending June 30, 1908.

Salaries of Superintendent and Administration Force—

Appropriation, 1908.....\$70,170 00

Balance March 31, 1908.....\$55,491 37

Expenditures—

April\$5,163 84
 May5,139 38
 June5,243 36

15,546 58

Balance June 30, 1908.....\$39,644 79

Repairing and Cleaning Sewers, Salaries and Wages—

Appropriation, 1908.....\$184,620 00

Balance March 31, 1908.....\$138,958 75

Expenditures—

April\$14,406 21
 May14,182 60
 June14,352 60

42,941 41

Balance June 30, 1908.....\$96,017 34

Repairing and Cleaning Sewers, Hired Teams, Horses, Carts, etc.—

Appropriation, 1908.....\$69,000 00

Balance March 31, 1908.....\$52,899 12

Expenditures—

April\$4,988 37
 May4,971 75
 June4,981 75

14,941 87

Balance June 30, 1908.....\$37,957 25

Repairing and Cleaning Sewers, Equipment, Repairs, Renewals and Supplies—

Appropriation, 1908.....\$17,380 00

Balance March 31, 1908.....\$16,685 04

Expenditures—

April\$1,243 22
 May3,755 37
 June1,665 36

6,663 95

Balance June 30, 1908.....\$10,021 09

Revenue Bond Fund, for Repairs to and Reconstructing Sewers, Borough of Manhattan—

Balance of Appropriation December 31, 1907.....\$1,436 25

Balance of Appropriation March 31, 1908.....\$1,436 25

Expenditures—

April\$160 00
 May
 June
 160 00

Balance June 30, 1908.....\$1,276 25

Reconstruction of Sewers, Borough of Manhattan, Authorization of September 22, 1905—

Balance of Appropriation December 31, 1907.....\$114,729 08

Balance of Appropriation March 31, 1908.....\$114,432 08

Expenditures—

April\$1,478 25
 May1,662 00
 June9,127 15

12,267 40

Balance June 30, 1908.....\$102,164 68

Reconstruction of Sewers, Borough of Manhattan, Authorization of July 6, 1906—

Balance of Appropriation December 31, 1907.....\$45,394 00

Balance of Appropriation March 31, 1908.....\$34,876 67

Expenditures—

April\$6,467 25
 May
 June18 75

6,486 00

Balance June 30, 1908.....\$28,390 67

Reconstruction of Sewers, Borough of Manhattan, Authorization of January 11, 1907—

Balance of Appropriation December 31, 1907.....\$75,600 85

Balance of Appropriation March 31, 1908.....\$68,871 35

Expenditures—

April\$4,234 50
 May5,809 50
 June4,021 75

14,065 75

Balance June 30, 1908.....\$54,805 60

Sewer, Forty-second Street and Hudson River, Borough of Manhattan,

Reconstruction of—

Balance of Appropriation December 31, 1907.....\$59,601 50

Balance of Appropriation March 31, 1908.....\$53,759 50

Expenditures—

April\$3,456 00
 May2,756 00
 June2,378 00

8,590 00

Balance June 30, 1908.....\$45,169 50

Reconstruction of Sewers, Borough of Manhattan, Authorization of April 5, 1907—

Balance of Appropriation December 31, 1907.....\$40,000 00

Balance of Appropriation March 31, 1908.....\$40,000 00

Expenditures—

April
 May
 June
 40,000 00

Balance June 30, 1908.....\$40,000 00

Revenue Bond Fund—

Sewers, Bureau of, Manhattan, Cleaning and Repairing, Equipment

and Supplies.....\$50,000 00

Resolution May 15, 1908.

Expenditures—

May
 June
 50,000 00

Balance June 30, 1908.....\$50,000 00

Street Improvement Fund—Work Contracted for After January 1, 1908—

Engineer's Payroll:

April\$378 15
 May518 74
 June546 55

\$1,443 44

Inspector's Payroll:

April\$340 00
 May768 00
 June926 00

2,034 00

Transportation—

Everett Boarding Stable.....\$240 00
 Joseph Grandon420 00
 Riverside Stable Company420 00
 John Mulligan420 00
 Assistant Engineers109 95

1,609 95

Contracts—

April\$5,399 88
 May14,846 77
 June3,672 98

23,919 63

Total.....\$29,007 02

STATEMENT No. 2.

Statements Showing Amount of Work Done on Uncompleted Contracts for the Quarter Ending June 30, 1908.

Date.	Nature and Location of Work, etc.	Estimated Cost.	Estimated Amount of Work Done.	Days.		
				Bid or Al- lowed.	Con- sumed.	Re- main- ing.
1907.						
Sept. 17.	Sewer in Sharnan avenue, between Tenth avenue and Emerson street, and between Decker street and Broadway; in Isham street, between Broadway and Tenth avenue, and in Emerson street, between Post avenue and summit west of Sharnan avenue.....	\$21,662 30	\$3,689 45	230	183	58
Sept. 17.	*Sewer in Vermilyea avenue, between Two Hundred and Eleventh and Decker streets, and in Hawthorne street, between Broadway and summit east of Vermilyea avenue.....	15,124 27	4,350 51	200	151 1/2	48 1/2
Sept. 17.	*Sewer in Fairview avenue, between Broadway and St. Nicholas avenue.....	9,951 45	1,111	200	142	58
Sept. 26.	*Sewer in West One Hundred and Ninety-first street, between Wadsworth and St. Nicholas avenues.....	3,893 50	.....	100	94	6
Sept. 30.	*Sewer in One Hundred and Forty-sixth street, between Eighth and Bradhurst avenues.....	1,125 20	.....	80	88	8
1908.						
Feb. 21.	Extension of sewer in One Hundred and Forty-first street, between Harlem River and end of present sewer; ..	7,914 24	2,033 25	100	85	15
May 21.	Alteration and improvement to sewer in Columbus avenue, between Ninety-seventh and Ninety-eighth streets.....	7,752 30	975 00	150	101 1/2	48 1/2
April 18.	*Receiving basin on east side of Third avenue, between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets.....	335 00	889 00	10	10	0
April 18.	*Sewer in Twelfth avenue, between One Hundred and Thirty-third and One Hundred and Thirty-fifth streets.....	4,151 80	847 80	75	50	25
April 20.	Sewer in Seaman avenue, between Academy and Emerson streets.....	5,944 00	1,160 00	150	44	106
April 20.	Sewer in Broadway, both sides, from Two Hundred and Fourteenth street to Ship Canal Bridge; in Two Hundred and Eighteenth street, between Broadway and Ninth avenue, and in Ninth avenue, between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets.....	25,092 30	1,000 00	300	44	256
April 21.	*Sewer in Seaman street, between Water and Cherry streets.....	1,114 50	1,144 50	30	30	0
April 21.	Sewer in Post avenue, between Academy street and Tenth avenue.....	11,685 25	927 00	250	39 1/2	210 1/2
April 21.	Receiving basins on southwest and northwest corners of Sixty-fourth, Seventieth, Seventy-first, Seventy-third, Seventy-fourth, Seventy-fifth, Seventy-sixth, Seventy-seventh, Seventy-eighth, Seventy-ninth streets and exterior street.....	5,476 02	1,008 80	100	46	54

Date.	Nature and Location of Work, etc.	Estimated Cost.	Estimated Amount of Work Done.	Days.		
				Bid or Allowed.	Consumed.	Remaining.
1907.						
July 25.	Reconstruction of sewer under Pier 48, North River, and in marginal street, east side, between Fourteenth and Eighteenth streets, with connections in Fifteenth, Sixteenth and Seventeenth streets.	36,083 00	11,683 00	150	132	118
Sept. 18.	Reconstruction of outlet sewer, overflow and connections at Forty-second and Forty-third streets, North River, and in Forty-second and Forty-third streets, between North River and Eleventh avenue.	56,755 00	9,400 00	100	..	..
1908.						
Feb. 10.	Reconstruction of sewer in Fourth street, between Avenues A and C.	21,803 00	14,004 00	250	92 1/2	157 1/2
Feb. 20.	Reconstruction of sewer in Fifth street, between Avenues A and C.	15,447 50	9,030 00	250	92 1/2	157 1/2
Mar. 19.	Repairs to sewer in Cedar street, between Nassau and William streets.	2,972 50	2,987 00	50	50	..

* Completed.

Local Improvements Authorized by the Board of Estimate and Apportionment, Prior to October 1, 1907, Which Have Not Been Contracted for and for Which Bids Have Not Been Invited.

Title.	When Authorized.	Estimated Cost.
*Forty-seventh street, between Tenth and Eleventh avenues.	Aug. 4, 1902	\$10,821 25
†West One Hundred and Thirty-seventh street, from Riverside drive to Broadway.	Mar. 25, 1904	3,100 00
Alterations and improvements to receiving basins on the north-east and southeast corners of Eighty-first street and Riverside drive.	April 14, 1905	500 00
†West One Hundred and Thirty-sixth street, between Broadway and Riverside drive.	Dec. 9, 1904	3,800 00
Two Hundred and Twelfth street, between Harlem River and Broadway.	Jan. 11, 1907	13,200 00
Bennett avenue, between Broadway and One Hundred and Eighty-first street.	May 16, 1906	51,000 00
West One Hundred and Seventy-seventh street, from Fort Washington avenue to Riverside drive.	Jan. 25, 1907	20,600 00
†Extension of sewer at One Hundred and Twenty-fourth street and Harlem River.	June 28, 1907	2,500 00
West One Hundred and Fifty-third street, between Riverside drive and Broadway.	June 1, 1906	10,800 00
Total.		\$125,471 25

* Advertised, but the award not made.

† Done by private contract.

‡ Abandoned.

STATEMENT NO. 3.

Work Done by Mechanics and Laborers.

Basins cleaned.	3,058
Basins relieved.	54
Basins examined.	782
Basin heads reset.	5
Basin covers put on.	37
Basin grate bars put in.	34
Basin hoods hung.	47
Brick sewer cleaned, feet.	38,358
Brick sewer relieved, feet.	11,935
Brick sewer examined, feet.	105,801
Pipe sewer cleaned, feet.	230,240
Pipe sewer relieved, feet.	35,400
Pipe sewer examined, feet.	35,028
Culvert sewer relieved, feet.	1,084
Culvert sewer examined, feet.	357
Pipe sewer built, feet.	117
Spurs put in.	20
Manhole heads reset.	28
Manhole covers put on.	110
Manholes cleaned.	20
Manholes examined.	73
Brickwork built, feet.	2,000
Pavement relaid, yards.	128
Loads of dirt removed.	9,440

Yours respectfully,

A. A. NOONAN, Superintendent of Maintenance.

DOCUMENT "H."

REPORT OF THE SUPERINTENDENT OF PUBLIC BUILDINGS AND OFFICES.

Bureau of Public Buildings and Offices,
Superintendent's Office, Nos. 13 to 21 Park Row,
New York, July 16, 1908.

Mr. JOHN CLOUGHEN, Acting President:

Dear Sir—In accordance with your instructions I have the honor to submit my report for the quarter ended June 30, 1908, as follows:

During the period above mentioned 592 requisitions, amounting to \$34,954, were drawn and transmitted to your office for the issuance of orders. This amount covered all of the ordinary repair work in caring for and maintaining the public buildings, baths and comfort stations, including supplies.

In the Criminal Courts Building the vacuum cleaning system installed recently under contract, amounting to \$3,850, was tested and placed in operation. The results achieved have been thus far entirely satisfactory and the sanitary conditions of the building will be greatly benefited by this improvement. I have also regulated the running of the elevators in this building upon a new schedule that has resulted in a more efficient service to the public.

The contract for providing additional stories to the Brownstone Building has been let to the lowest bidder, amounting to \$45,514. It is anticipated that all of this work will be completed during the summer recess and the new court rooms and offices will be ready for occupancy when court reconvenes.

I also propose to do everything possible within the next few months to improve conditions in the Supreme Court, County Court House. I have under consideration several matters and have had representatives of this office in consultation with the Justices regarding the same. As soon as these propositions take definite shape, I will begin all the work of alteration and improvement that our appropriation will permit. A particular matter, and one which I expect to have performed, is the work of extending the partitions in the southwest chambers, which will result in the enlargement of some of the Justices' offices.

I am unable at this time to give the details of the segregation of the aforementioned amount drawn in requisitions, for the reason that a new ledger has been devised which will show a detailed analysis of all expenditures for each public build-

ing under their proper subdivisions, similar in character to the method in vogue in the Department of Education. We have only received this book recently and the clerical staff assigned to bookkeeping are now engaged in posting all of the entries from the first of January, 1908, up to the present time. This duty involves a great deal of work in examining the details of all the accounts submitted between the dates mentioned and it will probably take two or three weeks longer before it is completed. However, I propose to show in the next report the cost of the operation of each public building with the accounts segregated under the different headings.

It is proposed in future to modify the character of quarterly reports from a closely detailed recitation of the work performed to statements showing the work of the Bureau with the cost of operation in dollars and cents. This, I think, will be more satisfactory and convey greater information to those who desire to consult these records. Of course, if any improvement of large proportions or any contract be entered into for the improvement of any particular building, mention will be made of the details of the same and a description given of the results that will be obtained by such contract or improvement.

The Free Floating Baths which were stored at Twenty-second street, South Brooklyn, passed the winter without any serious injuries and contracts were awarded for repairing the pontoons, painting the baths, repairing roofs and doing everything necessary to place these structures in commission, which amounted to \$9,723. All of the necessary supplies required were provided for and negotiations entered into with the several City Departments in whom jurisdiction for the assignment of berths reposed, for permission to locate same on the North and East Rivers. In the locating of the public baths we have paid particular attention to the congested districts and endeavored to procure docking privileges at these localities as much as possible. In berths which we have secured at One Hundred and Thirty-sixth street and the North River and Two Hundred and Eighteenth street and the Harlem Ship Canal, we have not only provided the benefits of bathing facilities to the public but have given a boon to the inmates of the Hebrew Orphan Asylum, the Hebrew Sheltering Arms and St. Barnabas Home for Boys, which institutions are in close proximity to the baths. These locations were given after special requests were made from the institutions above named. It is also proposed if berths cannot be procured for all of the floating baths under our jurisdiction to place one of the same at the disposal of the Department of Charities for the use of the inmates on Randall's Island. Upon the request of the President of the Borough of Brooklyn, one of the baths was loaned to that Borough, leaving eleven baths to be operated and maintained in the Borough of Manhattan, located as follows:

Two baths at the Battery, Thirty-fifth street and North River, Fifty-first street and North River, Eighty-second street and North River, One Hundred and Thirty-sixth street and North River, Two Hundred and Eighteenth street and North River, Pike street and East River, Corlears Park and East River, One Hundred and Twelfth street and East River.

I submit herewith the records of attendance at the Department public baths for the months of April, May and June:

Bath.	Males.	Females.	Total.
Rivington street.	190,600	128,300	318,900
West Forty-first street.	67,420	21,000	88,420
East One Hundred and Ninth street.	81,250	34,110	115,360
Allen street.	166,600	66,304	232,904
East Eleventh street.	118,350	28,600	146,950
East Seventy-sixth street.	81,406	35,340	116,746
West Sixtieth street.	77,450	35,200	112,650
East Twenty-third street.	111,065	44,853	155,918
Grand total.	1,297,450	500,000	1,797,450

Since the transmission of the last quarterly report, in which mention was made of the difficulty of creditably maintaining and operating the public baths, owing to the insufficiency of available funds, there has been a transfer made of \$24,000 from the appropriation of Maintenance of Buildings and Offices, Equipment, Repairs, Renewals and Supplies. This amount will enable us to attend to the ordinary routine of repair work and the furnishing of supplies for the baths, but will not be large enough to institute many of the improvements urgently required to these buildings. However, provision has been made for placing these structures in first class condition in the estimate submitted to your office for the year 1909. It will, therefore, be necessary to defer many of the much needed repairs of an extensive nature until the succeeding year, or until necessary appropriations therefor are provided. Of course it would be somewhat difficult at the present time, and, in fact, during the summer, to make all of the desirable large repairs or improvements as it might involve the necessity of closing one or more of the baths to the public during the repairing of same, which would be a distinct loss to the citizens of the locality in which these institutions are located. It is, therefore, under the circumstances, deemed wise and is the policy that is being observed to simply make such repairs and furnish such supplies as are required to keep the baths in constant operation until the patronage is reduced, in which event it might be done by permitting of the working of one section of the baths at a time, while the other is being placed in proper running order. While the locations of the permanent baths and the comfort stations are fairly well known, it might not be amiss to again mention them at this time.

Baths.

No. 326 Rivington street.
No. 133 Allen street.
No. 538 East Eleventh street.
Twenty-third street and Avenue A.
No. 347 West Forty-first street.
No. 232 West Sixtieth street.
No. 523 East Seventy-sixth street.
No. 243 East One Hundred and Ninth street.

Comfort Stations.

Battery Park.
Hanover square.
Mail street.
Chatham square.
Sheriff and Delancey streets.
Greeley square.
Long Acre square.
Park avenue and One Hundred and Twenty-fifth street.
Entrance, Willis Avenue Bridge.

Beside the ordinary repairs and the furnishing of the usual cleaning supplies for the comfort stations, an improvement that has removed a source of danger at the Greeley square station was the installation of reinforced stairs. The original stairway of marble was in continual disrepair and a menace to life and limb, causing considerable expense in making numerous repairs. This stairway was built, I presume, more from an artistic than a material standpoint, and was not equal to the wear and tear placed upon it.

The usual supplies for all of the public buildings, for the use of the Janitors and Engineers, were furnished from time to time.

The windows in the various public buildings were cleaned under contract, and, in the case of the First and Sixth District Municipal Courts, the windows and doors were cleaned under open order.

Beside the work performed under open order and contract, extensive repairs were made to the various public buildings and offices to the plumbing, electric system, carpentering, roofing, steam and gas fitting by the Mechanics in the employ of the Bureau.

Respectfully submitted,

JOHN R. VOORHIS,
Superintendent, Public Buildings and Offices.

DOCUMENT "I."

REPORT OF THE SUPERINTENDENT, BUREAU OF INCUMBRANCES.

Bureau of Incumbrances,
Room 1739, Nos. 13 to 21 Park Row,
New York, July 9, 1908.

Mr. JOHN CLOUGHEN, Commissioner of Public Works:

Dear Sir—I submit herewith the following report of the operations of this Bureau for the quarter ending June 30, 1908 (months of April, May and June):

Complaints of obstructions received and attended to.....	1,056
Seizures and removals of obstructions made.....	236
Building material permits issued.....	1,374
Permits issued to cross sidewalks with horses and carts.....	175
Permits issued to erect temporary sheds over sidewalks.....	135
Loads of dirt, stone and rubbish removed.....	80
Fallen trees, dangerous stumps and posts removed.....	14
Notices served to repair defective vault covers.....	3

Received from owners for redemption of seized articles.....	\$269 50
Received for permits for temporary sheds over sidewalks.....	675 00

Total.....\$944 50

Appropriation, Salaries and Wages.....\$19,460 50

Expended to June 30—

Salaries, Superintendent, Clerks, Inspectors, etc.....	\$7,777 42
Salaries, Foremen and Laborers.....	1,249 00

9,026 42

Balance.....\$10,434 08

Appropriation, Incidental Expenses.....\$9,652 50

Expenditures—

Removal of obstructions.....	\$680 75
Removal of dirt, stone and rubbish, and throwing in at various places.....	151 45
Removal of fallen trees, dangerous stumps, etc.....	49 00
Horse and wagon hire for Superintendent.....	420 00
Transportation expenses of Inspectors.....	135 95

\$1,437 15

Expended during first quarter.....1,225 25

2,662 40

Balance.....\$6,990 10

Respectfully,

T. M. McENTEGART,
Superintendent of Incumbrances.

Appended is report showing number of permits issued for bay windows and ornamental projections.

July 22, 1908.

Hon. JOHN CLOUGHEN, Commissioner of Public Works:

Sir—Below please find report of permits issued for bay windows and ornamental projections during the second quarter of the year 1908.

From March 26, 1908, to June 24, 1908—

236 Bay window permits.....	\$1,356 13
49 Ornamental projection permits.....	653 85

Yours respectfully,

F. W. WALTERS, Clerk.

DOCUMENT "J."

REPORT OF ENGINEER IN CHARGE OF STREET OPENINGS.

President of the Borough of Manhattan,
Office of Commissioner of Public Works, Nos. 13 to 21 Park Row
New York, July 8, 1908.

Hon. JOHN CLOUGHEN, Commissioner of Public Works:

Sir—In compliance with section 1544 of the Greater New York Charter, I have the honor to submit herewith the report of the work of the Bureau of Street Openings for the quarter ending June 30, 1908.

Respectfully submitted,

JOS. O. B. WEBSTER,
Engineer of Street Openings.

REPORT OF THE ENGINEER OF STREET OPENINGS FOR THE QUARTER ENDING JUNE 30, 1908.

Reports.

Reports, with maps, plans, descriptions, etc., on petitions for laying out and establishing new streets, avenues, public parks and places and extending, widening or changing lines or grades, etc., with estimates of cost:

Centre street, from Chambers to Canal street. Change of grade. Report.
Kingsbridge road, Bloomingdale road and Old Boston road. Report on closing.
Fireproof map cabinets for filed maps and records. Report with maps and plans, etc.

Amsterdam avenue, proposed extension down hill to Dyckman street, two maps and plans of steps, with estimates, etc.

Park on Croton lane, One Hundred and Sixty-fifth street and Amsterdam avenue. Proposed. Report and diagram.

Buena Vista avenue, from One Hundred and Seventy-first street to One Hundred and Seventy-sixth street. Petition to acquire title, etc. Report.

Fort Washington avenue, One Hundred and Sixty-third to One Hundred and Sixty-fifth street. Change of grades. Map and report.

One Hundred and Sixty-fourth street, Broadway to Fort Washington avenue. Change of grade. Map and report.

One Hundred and Eighty-first street, Amsterdam avenue, eastward to Washington terrace (First avenue East). Maps, plans and report.

Maps for Filing.

Maps and plans of new streets, avenues and public parks and places, three (3) copies each, with technical descriptions, giving the lines with metes and bounds, grades, elevations, etc., as established, extended and adopted, as an amendment to the street system, or other public improvement and subject to filing by the City Charter, have been prepared and forwarded as follows:

One Hundred and Eighty-fourth street, Amsterdam avenue to Washington terrace (First avenue East)

Haven avenue, extension, from One Hundred and Seventieth street southerly to Fort Washington avenue, opposite One Hundred and Sixty-eighth street.

One Hundred and Sixty-ninth street, from Fort Washington avenue to Haven avenue.

Riverside drive, from One Hundred and Fifty-fifth street to the Henry Hudson Memorial Bridge, improvements, widening, etc. Maps, plans, profiles and grades showing viaduct over Dyckman street valley. Three miles long.

Rule Maps.

Rule maps in triplicate, with technical descriptions, have been prepared and furnished to the Corporation Counsel for use in the proceedings to acquire title to streets:

Hillside avenue, from Broadway to Nagle avenue and Dyckman street.
Haven avenue, from One Hundred and Seventy-seventh street to One Hundred and Eighty-first street.

Damage Maps.

Maps for the use of the Commissioners in awarding damages for the lands and incumbrances taken in the opening of new streets, public places, etc. (three copies each) with technical descriptions and detail survey of the lands and incumbrances, showing actual area of each part or parcel to be taken.

Hillside avenue, Broadway to Nagle avenue, at Dyckman street.
Haven avenue, from One Hundred and Seventy-seventh street to One Hundred and Eighty-first street.

Benefit Maps.

Maps for use of the Commissioner in laying the assessment for benefits deemed to have accrued from the improvements (three copies each), with technical descriptions, of the property deemed to be benefited and subject to assessment for such improvement:

Hillside avenue, from Broadway to Nagle avenue, and Dyckman street.
Haven avenue, from One Hundred and Seventy-seventh street to One Hundred and Eighty-first street.

Field Work.

Making surveys; running levels; topographical work to show the most practicable and easy lines for new streets, avenues, etc., and establishing grades. Locating, setting and connecting the alignment of street monuments, etc.

A traverse survey between Dyckman street, Harlem River Ship Canal—Broadway to Hudson River Railroad line.

Locating property lines and buildings near Riverside drive and One Hundred and Seventy-sixth street.

Surveys; locating centre lines Henry Hudson Memorial Bridge accurately.

Locating the property lines and buildings along Bolton road and River road.

Locating on the ground proposed Riverside drive to Hudson Memorial Bridge.

Triangulation survey from Tenth avenue to Bolton road.

Bench levels run from High Bridge Tower along One Hundred and Seventy-fourth street to Broadway, up Dyckman street and Bolton to Spuyten Duyvil Creek, making computations and plotting notes for the same.

Profile and levels on One Hundred and Forty-first street, Broadway to Riverside drive.

Testing monuments on Wadsworth avenue, from One Hundred and Seventy-third to One Hundred and Ninety-first street; resetting same to proper alignment where needed.

Running traverse over monuments on Broadway, from One Hundred and Sixty-second street to Dyckman street, and connecting the same with Wadsworth avenue monuments.

Also running on Sherman avenue and Nagle avenue, from Broadway to Dyckman street.

Number of monuments tested.....114

Number of monuments reset.....17

Number of new monuments set.....5

Number of feet of accurate chaining.....92,690

Number of feet taped.....22,000

Number of angles turned 40, in series of 6.....840

Office Work.

Work now in the office in various stages of progress:

Fifth Avenue and Forty-second Street—Proposed alteration of grades and sidewalks, underground crossing, etc.

Overlook Terrace, One Hundred and Eighty-fourth Street to Fort Washington Avenue—Benefit, damage and rule maps.

Seaman Avenue, Two Hundred and Fifteenth Street to Two Hundred and Eighteenth Street—Change of grades.

Seaman Avenue, Two Hundred and Fifteenth Street to Two Hundred and Eighteenth Street—Benefit, damage and rule maps.

Two Hundred and Eighteenth Street, from Broadway to Harlem Ship Canal—Change of grades.

Two Hundred and Seventeenth Street, Park Terrace East to Park Terrace West—Change of grades.

Two Hundred and Fifteenth Street, from Park Terrace West to Isham Street—Lines and grades.

Two Hundred and Fourteenth street, from Park Terrace East to Park Terrace West, and Seaman Avenue to Ship Canal—Lines and grades.

Two Hundred and Thirteenth street, from Park Terrace East to Isham street.

Isham street, extension, Seaman avenue to Harlem Ship Canal.

Seaman Avenue, Extension, Isham Street to Two Hundred and Fifteenth Street—Lines and grades.

Park Terrace East, Extension, Two Hundred and Fifteenth Street to Isham Street—Lines and grades.

Park Terrace West, Extension, Two Hundred and Fifteenth Street to Isham Street—Lines and grades.

Maps Filed.

Maps, plans, profiles, etc., of lines and grades, etc., of new streets, avenues, public parks and places, or extensions and amendments, giving the lines, with metes and bounds, and established or amended, of grades as adopted, have been received and filed:

Avenue D, from Fifteenth Street to Sixteenth Street—Closing.

A New Street from Broadway to Seaman Avenue—Lines and grades.

A New Street from Seaman Avenue to Prescott Place—Lines and grades.

Blackwells Island Bridge Approach, Second Avenue and Fifty-ninth Street—New grades.

Manhattan Bridge Approach—Map of lands taken; for approval.

Fifty-ninth Street and Second Avenue—Change of grades.

Second Avenue, Between Fifty-eighth and Sixtieth Streets—Change of grades.

Seaman Avenue, Dyckman Street to Academy Street—New lines and grades.

One Hundred and Thirty-fourth Street, Broadway to Twelfth Avenue—Amended grades.

Titles Vested.

Notice of the confirmation of reports on the vesting of titles to lands, etc., required for the opening, widening and extending of streets, avenues and public places or for other public purposes have been received and entered upon the record:

One Hundred and Thirty-ninth street, extension to Riverside drive.

One Hundred and Forty-first street, extension to Riverside drive.

One Hundred and Sixty-third street, from Broadway to Fort Washington avenue.

One Hundred and Sixty-fourth street, from Broadway to Fort Washington avenue.

Manhattan Bridge approach, lands required for (blocks bounded by Bowery, Canal, Forsyth and Bayard streets).

Respectfully,

JOS. O. B. WEBSTER,
Engineer of Street Openings.

DOCUMENT "K."

REPORT OF THE SUPERINTENDENT OF BUILDINGS.

Bureau of Buildings, Borough of Manhattan,
No. 220 Fourth Avenue,
New York City, August 4, 1908.

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

Dear Sir—I have the honor herewith to submit my report of the operations of this Bureau for the three months ended June 30, 1908.

Respectfully,

EDW. S. MURPHY,
Superintendent of Buildings, Borough of Manhattan.

BUREAU OF BUILDINGS, BOROUGH OF MANHATTAN.

REPORT FOR QUARTER ENDED JUNE 30, 1908.

Plans and Specifications for New Buildings Filed and Acted Upon During the Quarter Ending June 30, 1908.

Classification.	Number of Plans.	Number of Buildings.	Estimated Cost.
Dwelling houses, estimated cost over \$50,000.....	2	2	\$145,000 00
Dwelling houses, estimated cost between \$20,000 and \$50,000..	3	3	85,000 00
Dwelling houses, estimated cost under \$20,000.....	4	4	31,400 00
Tenement houses	15	64	6,577,500 00
Hotels	1	1	1,000,000 00
Stores, estimated cost over \$30,000.....	19	20	2,810,000 00
Stores, estimated cost between \$15,000 and \$30,000.....	10	10	197,000 00
Stores, estimated cost under \$15,000.....	8	8	66,000 00
Office buildings	17	17	18,518,000 00
Manufactories and workshops.....	4	4	118,000 00
Schoolhouses	2	2	530,000 00
Churches	3	3	175,000 00
Public buildings, municipal.....	2	2	400,000 00
Public buildings, places of amusement, etc.....	6	6	844,500 00
Stables	5	5	230,000 00
Other structures	31	33	59,575 00
Total	168	184	\$31,885,775 00

Plans and Specifications for Alterations to Buildings Filed and Acted Upon During the Quarter Ending June 30, 1908.

Classification.	Number of Plans.	Number of Buildings.	Estimated Cost.
Dwelling houses	150	164	\$508,552 00
Tenements	344	428	625,280 00
Hotels	18	19	61,025 00
Stores	190	106	556,190 00
Office buildings	33	38	156,000 00
Manufactories and workshops.....	31	36	164,375 00
Schoolhouses	24	34	219,500 00
Churches	5	8	40,400 00
Public buildings	40	41	219,000 00
Stables	20	20	90,100 00
Total	775	892	\$4,649,352 00

New Buildings and Alterations to Buildings Commenced and Completed During the Quarter Ending June 30, 1908.

New buildings commenced.....	147
New buildings completed.....	213
Alterations commenced.....	757
Alterations completed.....	599

New Buildings and Alterations to Buildings in Progress June 30, 1908.

New buildings.....	392
Alterations.....	756

Total Number of Inspections with Reports Thereon During the Quarter Ending June 30, 1908.

By Construction Inspectors.....	29,447
By Iron and Steel Inspectors.....	37,750
By Elevator Inspectors.....	2,997
By Plumbing and Drainage Inspectors.....	9,178

Total..... 79,378

Notices Issued During the Quarter Ending June 30, 1908.

To place fire escapes on buildings.....	534
To remove violations of law.....	1,845
To repair passenger elevators.....	83
To remove unsafe buildings.....	1,238
Letters delivered (including notices of disapproval of plans).....	3,608

Total..... 7,308

Violations of Law and Unsafe Buildings During the Quarter Ending June 30, 1908.

Nature.	Pending March 31, 1908.	Received Since.	Total.	Dis-missed.	Pending June 30, 1908.	Forwarded for Prosecution.
Defective construction, materials, etc.....	1,171	406	1,579	147	1,042	136
Erecting, altering or removing without permit or after disapproval.....	1,945	385	2,330	110	2,020	230
Insufficient means of escape, fire escapes, aisles obstructed, etc.....	917	255	1,172	508	634	91
Defective light and ventilation.....	1	.....	1	.....	1	.....
Defective plumbing and drainage.....	781	231	1,012	102	820	123
Unsafe buildings.....	1,215	608	1,823	720	1,103	41
Total.....	6,034	1,915	7,947	2,327	5,620	621

Inspection of Passenger Elevators During the Quarter Ending June 30, 1908.

Found to be in good order and fit for use.....	2,926
Found not in compliance with law.....	71
Number inspected.....	2,997

Disposition of Cases Found not in Compliance With Law.

Nature.	Pending March 31, 1908.	Received Since.	Total.	Dis-missed.	Pending June 30, 1908.	Forwarded for Prosecution.
Defective guide rails, posts and gibs.....	2	1	3	.....	3	.....
Defective running gear.....	14	3	17	4	13	.....
Doors and floor locks out of repair.....	37	12	52	22	30	4
Generally unsafe.....	20	17	37	19	18	.....
New ropes required.....	5	7	12	6	6	.....
Run by persons under eighteen years of age and incompetent persons.....	.....	.....	.....	.....	.....	.....
Safety attachments out of order.....	40	11	57	15	22	4
No grating under overhead machinery.....	11	10	21	11	10	.....
No permit.....	16	7	23	9	14	.....
Total.....	131	71	202	86	116	5

Total Number of Buildings Under Inspection and Total Number of Inspections During the Quarter Ending June 30, 1908, in Relation to Plumbing and Drainage.

	Tenements.	Miscellaneous.	Total.
Number of buildings under inspection March 31, 1908.....	1,100	780	1,880
Number of buildings commenced during the quarter.....	395	274	669
Number of buildings completed during the quarter.....	300	191	491
Number of buildings under inspection June 30, 1908.....	1,195	863	1,998

Number of apartments, stores, etc., for which certificates have been issued as to the proper installation of gas piping, 6,349.

Total number of plumbing inspections of all kinds during the quarter, 9,178.

Iron and steel inspections made during the quarter ending June 30, 1908:

Beams	32,310
Columns	2,794
Angles	861
Channels	381
Girders	373
Bases	235
Plates	175
Brackets	108
Tees	154
Trusses	79
Lintels	24
Mullions	2

Total..... 37,756

Comparative Statement, Second Quarter, 1907 and 1908.

	1907.	1908.
Applications filed for new buildings and alterations.....	1,726	1,076
Estimated cost of new buildings and alterations.....	\$16,824,543	\$34,515,123
New buildings commenced.....	262	147
New buildings completed.....	368	213
Alterations commenced.....	1,057	757
Alterations completed.....	675	599
Fire escape cases reported by inspectors.....	190	285
Fire escape cases forwarded for prosecution.....	39	91
Passenger elevators inspected.....	2,707	2,997
Defective passenger elevators reported by inspectors.....	123	71
Defective passenger elevators made safe on notice from Bureau.....	123	86
Passenger elevator cases forwarded for prosecution.....	13	5
Unsafe buildings made safe or taken down.....	463	720
Violations removed.....	609	1,036
Notices issued.....	11,818	7,308
Pieces of iron and steel inspected.....	16,141	37,756
Inspections of plumbing and drainage.....	9,814	9,178

EDWARD S. MURPHY, Superintendent.