

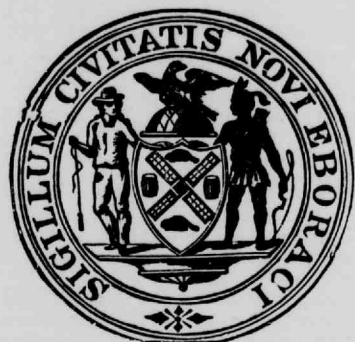
THE CITY RECORD.

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DEPARTMENT OF DOCKS.

Eleventh Annual Report, for the Year ending April 30, 1881.

CITY OF NEW YORK—DEPARTMENT OF DOCKS,
NOS. 117 AND 119 DUANE STREET,
NEW YORK, December 29, 1881.

Hon. WILLIAM R. GRACE, Mayor, City of New York:

SIR—In compliance with the requirements of subdivision 9 of section 6, chapter 574 of the Laws of 1871, and of sections 88 and 119 of chapter 335 of the Laws of 1873, and by direction of the Board governing the Department of Docks, I have the honor to transmit herewith the report of the Department for the year ending April 30, 1881, being its Eleventh Annual Report.

Very respectfully, your obedient servant,
WM. M. WHITNEY, Secretary pro tem.

DEPARTMENT OF DOCKS,
NOS. 117 AND 119 DUANE STREET,
NEW YORK, June 30, 1881.

To the Honorable WILLIAM R. GRACE, Mayor of the City of New York:

SIR—Pursuant to the provisions of subdivision 9 of section 6 of chapter 574, Laws of 1871, the Board of Commissioners governing the Department of Docks submit this report of its transactions from the 1st day of May, 1880, to the 30th day of April, 1881, being its Eleventh Annual Report.

The following-named Commissioners composed the Board on the 30th day of April, 1881:
Henry F. Dimock, Jacob Vanderpoel, William Laimbeer.

The law provides that the annual report shall contain:

First—The name, occupation and compensation of all persons appointed and employed by said Board.

Second—A statement of the action of the Board for the past year, classified with reference to the various subjects and duties which have engaged the attention of the Board.

Third—A list of the orders and rules made by said Board, and a description of the contracts made by said Board; the payments made by said Board, and the purposes and amounts thereof; and the leases made by said Board, for what term, at what rent, to whom, and for what property.

FIRST.

The following is a list of all persons appointed and employed by the Board, showing the name, occupation and compensation of each respectively:

Eugene T. Lynch, Secretary.....	\$3,500 00 per annum.
William M. Whitney, Chief Clerk.....	3,000 00 "
Edward Dickel, Clerk to Secretary.....	100 00 per month.
George T. May, Temporary Clerk.....	125 00 "
Francis E. Moon, ".....	125 00 "
Edward G. Ames, Clerk.....	65 00 "
John M. Smith, Corporation Wharfinger.....	100 00 "
James Fitzpatrick, ".....	100 00 "
William McConkey, ".....	100 00 "
John Butler, ".....	100 00 "
Michael J. Gallagher, Temporary Wharfinger.....	2 50 per day.
Jeremiah Hogan, ".....	2 50 "
Thomas Early, Messenger.....	750 00 per annum.
George S. Hunt, ".....	6 00 per week.
Frederick W. Beatty, Office Messenger.....	65 00 per month.
Amzi Cook, Doorman.....	12 00 per week.
James W. Marshall, Night Watchman.....	2 25 per day.
Michael Falvey, Sunday Watchman.....	2 60 "

Office of Engineer-in-Chief.

George S. Greene, Jr., Engineer-in-Chief.....	\$6,000 00 per annum.
Willard A. Nichols, First Assistant Engineer.....	3,600 00 "
James Dana, Jr., Clerk to Engineer-in-Chief.....	18 00 per week.
Robert M. Kidd, Assistant Draughtsman.....	21 00 "
William Livingstone, ".....	18 00 "
Edward C. Reynolds, Temporary Draughtsman.....	18 00 "
Perry Goodale, Acting Messenger.....	20 per hour.

Construction Force.

William W. MacLay, Superintendent of Section.....	\$2,500 00 per annum.
Charlton B. Kid, ".....	2,500 00 "
Thomas J. Long, Assistant to Superintendent.....	1,800 00 "
John H. Staats, ".....	1,500 00 "
Thomas Murphy, Master Mason.....	1,800 00 "
Patrick White, Foreman of Dockbuilders.....	1,000 00 "
Charles W. Raymond, Assistant Surveyor.....	1,500 00 "
William A. Dawson, Leveler.....	75 00 per month.
Robert M. Sterritt, Foreman of Department Yards.....	1,000 00 per annum.
Frederick Lange, Acting Roundsman.....	100 00 per month.

During the year the following-mentioned reductions of salary, resignations, increases of pay, new appointments and changes of designation, have taken place.

June 9, 1880.—Thomas J. Long, appointed an Assistant Engineer, with pay at the rate of \$1,500 per annum, from 1st instant.

June 9, 1880.—John H. Staats, appointed an Assistant Engineer, with pay at the rate of \$1,300 per annum, from 1st instant.

June 9, 1880.—Charles W. Raymond, appointed an Assistant Surveyor, with pay at the rate of \$1,200 per annum, from 1st instant.

June 9, 1880.—Pay of Moses S. Barrett, Surveyor, fixed at the rate of \$1,800 per annum, from 1st instant.

June 9, 1880.—Edward C. Reynolds, appointed a Temporary Draughtsman, with pay at the rate of \$18 per week, from 11th instant.

June 16, 1880.—Charles F. Carpenter, appointed Temporary Leveler, with pay at the rate of \$75 per month, from 21st instant.

September 29, 1880.—Francis E. Moon, appointed Temporary Clerk, with pay at the rate of 125 per month, from 25th instant.

November 5, 1880.—Pay of Thomas J. Long, Assistant Engineer, fixed at \$1,800 per annum, from 1st instant.

November 5, 1880.—Pay of John H. Staats, Assistant Engineer, fixed at \$1,500 per annum, from 1st instant.

November 5, 1880.—Pay of Charles W. Raymond, Assistant Surveyor, fixed at \$1,500 per annum, from 1st instant.

December 29, 1880.—Rates of compensation fixed as follows for the designated employees, from January 1, 1881.

Clerk to the Secretary, at.....	\$100 per month.
Superintendent of Docks, at.....	100 "
Superintendent of Masonry, at.....	1,800 per annum.
Superintendent of Construction, at.....	1,800 "
Foreman of Dockbuilders, at.....	1,000 "
Foreman of Department Yards, at.....	1,000 "

—and that his hours of duty be from 7 A. M., to 6 P. M.

January 3, 1881.—Michael Falvey, detailed as Sunday Watchman, from and after 1st instant, in place of Daniel Connolly.

January 12, 1881. Designations of the following-styled officers and employees, changed, to be as follows:

Superintendents of Docks, to be Corporation Wharfingers.

Two Assistant Engineers, to be Superintendents of Section.

Two Assistant Engineers, to be Assistants to Superintendent.

Superintendent of Masonry, to be Master Mason.

Superintendent of Construction, to be Master Dockbuilder.

February 2, 1881.—David T. Keiller, Draughtsman, suspended from duty. Resignation accepted, March 30, 1881.

February 19, 1881.—Perry Goodale, detailed by Engineer-in-Chief as Messenger, in place of Frederick Lange, detailed as Acting Roundsman.

March 30, 1881.—James Guthrie, Master Dockbuilder, resigned.

April 20, 1881.—Michael J. Gallagher and Jeremiah Hogan, appointed Temporary Assistants to Corporation Wharfinger, District No. 2, East river, with pay at \$2.50 per day, each.

April 27, 1881.—Charles F. Carpenter, Leveler, resigned.

April 27, 1881.—Matthew J. Brennan, Assistant Draughtsman, resignation accepted, to take effect 30th instant.

April 27, 1881.—William A. Dawson, appointed Leveler, with pay at \$75 per month, from 1st proximo.

And within the year the following-mentioned deaths have occurred:

On December 4, 1880, Moses S. Barrett, Surveyor.

On January 16, 1881, James O'Brien, Roundsman.

SECOND.

The Board submits the following statement of the subjects and duties which have engaged its attention during the year ending April 30, 1881.

I.—ORGANIZATION.

May 5, 1880.—The first meeting of the Board for the current year was this day held, but the vacancy created by the death of President Westervelt still remaining unfilled, no new organization was made; the Treasurer and Standing Committees holding over in their offices, by virtue of their election and appointments thereto respectively, on May 3, 1878.

December 15, 1880.—William Laimbeer, appointed 11th instant by his Honor, Mayor Cooper, to be Commissioner of Docks, for the term of six years, in place of Jacob A. Westervelt, deceased, whose term of office has expired, presented his certificate of appointment, and after stating that he had taken the oath of office prescribed by law, took his seat as a member of the Board.

II.—GENERAL DUTIES.

The duties of this Department comprise—
The management, as of property, of the many miles of water-front and piers owned by the city, an estate worth many millions of dollars.

The general supervision over all of the piers and water-front not owned by the city, being more than one-half of the whole of its water-front.

The duty of seeing that the whole water-front property, both public and private, is kept properly dredged and in suitable condition and repair for general use.

The making of rules and regulations as to the use of all the water-front, and the setting aside of parts of it for special uses.

The duty of passing upon all erections, structures and superstructures, and upon every proposed modification or increase of terminal facility on the water-front.

The duty of carrying out the reconstruction, on the new plan, of the whole water-front property.

And, generally, the obligation to watch over and promote the commercial growth of the city, by introducing, from time to time, every practicable improvement into its wharf and dock system.

III.—OPERATIONS ON THE WATER-FRONT.

For a detailed account of the works of construction, repair, dredging, surveying, etc., we refer to the report of the Engineer-in-Chief, hereto annexed.

IV.—REVENUES, EXPENSES, ETC.

The expenses of the Department during the past year are, for construction and repairs, \$610,442.13, and for general expenses, \$30,039.44, making a total of \$640,481.57.

The first-mentioned expenses include the cost of building the new piers and bulkhead wall, the maintenance and repair of the old piers and bulkheads, all the dredging done, and the salaries of the Commissioners and of the Engineer-in-Chief and his subordinates.

The general expenses consist of office rent, compensation of Secretary and his subordinates, and general supplies for the Commissioners' offices.

The total revenues of the Department, which have accrued during the year, have amounted to \$864,228.75.

This is a clear increase of accrued revenue, over that of the preceding year, of \$55,013.34.

The revenues of the year have exceeded the entire expenditures, for every purpose during the year, by the sum of \$223,747.18.

The moneys actually deposited by this Department with the City Chamberlain for the redemption of the City Debt, during the past year amount to \$906,248.33.

Thus, the actual reduction made in the City Debt during the past year resulting from this Department, has been \$265,766.76; the excess of the moneys deposited over the moneys of the Dock Fund expended, being justly an extinguishment of so much of the Dock Bond debt of previous years; these bonds being now held, in great part, by the Commissioners of the Sinking Fund, with the interest inuring directly to the city.

The revenues of the Department will now largely increase from year to year, as the new piers on the improved plan become available for lease, and every year's expenditure adds largely to the revenues of the future. Much work in the territory above Twenty-fourth street has been done during the year, and in a short time the commercial facilities of the city will be very greatly extended in this section.

The work of the past year will be very largely felt in the increase of revenue in the coming year.

That portion of this revenue collected by this Department is likely to nearly or quite reach a million of dollars for the next year, notwithstanding the fact that by a recent act of the Legislature the rents of the city wharf property used by the ferries are now collected by the Comptroller, instead of by this Department, as formerly. But for this change of law the revenues thus collected by the Dock Department during the ensuing year would largely exceed one million dollars, which is a rate of increase much greater than has ever been predicted in our reports.

As in previous years, a very full statement of the revenues and disbursements of the Department accompanies this report.

From the fact that our fiscal year ends April 30, and the quarter day for payment of rent is May 1, the report shows now, as in preceding years, as uncollected, the rents of the last expired quarter under leases not payable in advance.

THIRD.

In compliance with the third provision of the law, as previously cited, the following information is submitted:

I.—ORDERS AND RULES MADE BY THE BOARD.

May 12, 1880.—Resolution adopted—That upon the name of any dockbuilder, laborer, watchman or other employee on the construction force of the Department being off the pay-rolls for a period of six months, such employee shall not thereafter be assigned to duty in any capacity without the direction of this Board.

June 16, 1880.—Resolution adopted—That the Engineer-in-Chief, upon the order of any of the Commissioners of Docks, make all needful repairs to wharf structures belonging to the corporation, not leased, which may be deemed necessary, at a cost not to exceed, in any one case, the sum of \$100.

February 23, 1881.—Resolution adopted—That the lessees of piers built upon the new plan be and hereby are requested and notified to cause the removal, within ten days after the receipt of this notice, of all goods, wares, merchandise, or other property discharged at their respective piers and now incumbering the ground reclaimed by this Department for the widening of West street, and that a failure or neglect, from any cause, to comply herewith, will create a liability to a penalty of \$50 per day, for each lot of such property, for each and every day it shall be permitted to remain on any portion of said ground after the expiration of said ten days; and, further,

That the said lessees be and hereby are further notified and informed that no goods, wares, or merchandise discharged at their respective piers will be permitted hereafter to be placed upon any portion of said ground, and that the Corporation Wharfinger for the District is instructed to cause this order to be strictly enforced in every case.

March 9, 1881.—Resolution adopted—That the Corporation Wharfingers be and hereby are directed to prevent cargo being landed in bulk upon the piers and bulkheads of this city, unless portions of such cargo are being carted away therefrom; excepting such piers and bulkheads as are under lease from the Corporation.

II.—DESCRIPTION OF CONTRACTS MADE BY THE BOARD.

May 12, 1880.—Awarded to P. Sanford Ross and Jos. B. Sanford, of 104 Hudson street, Jersey City, N. J., for building Pier, new 21, North river. Estimated expense of contract, \$64,982.87. Dated May 24, 1880. Expiration, January 10, 1881.

May 27, 1880.—Awarded to Abraham Dowdney, of 1037 Third avenue, for building crib-bulkhead at One Hundred and Second street, Harlem river. Estimated expense of contract, \$900. Dated May 28, 1880. Expiration, May 27, 1882.

May 29, 1880.—Awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, for dredging the slip between Piers, new 42 and new 43, North river, one-half to be paid by the lessees of said Pier, new 42. Estimated expense of the city's one-half of the contract, \$3,200. Dated June 10, 1880. Expiration July 10, 1880.

June 9, 1880.—Awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, for dredging the slips between West Twenty-second street and West Twenty-fourth street, North river, and at piers at West Thirty-fifth street and West Fifty-seventh street, North river. Estimated expense of contract, \$15,180. Dated June 21, 1880. Expiration, September 19, 1880.

June 9, 1880.—Awarded to Stephen L. Merchant, agent, of 41 Broadway, for furnishing 5,000 barrels of fresh burnt Portland cement. Estimated expense of contract, \$13,200. Dated June 14, 1880. Expiration, October 1, 1880.

July 3, 1880.—Awarded to P. Sanford Ross and Jos. B. Sanford, of 104 Hudson street, Jersey City, N. J., for building Pier, new 36, North river. Estimated expense of contract, \$65,000. Dated July 24, 1880. Expiration, February 25, 1881.

July 30, 1880.—Awarded to Ross & Sanford, of 104 Hudson street, Jersey City, N. J., for building a new wooden pier at East Thirty-second street, East river. Estimated expense of contract, \$15,380. Dated August 11, 1880. Expiration, November 1, 1880.

August 12, 1880.—Awarded to Ross & Sanford, of 104 Hudson street, Jersey City, N. J., for building a new wooden pier at East Thirty-first street, East river. Estimated expense of contract, \$17,770. Dated August 30, 1880. Expiration, December 1, 1880.

September 8, 1880.—Awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, for dredging slips between piers at East Twenty-sixth and East Twenty-eighth streets, East river. Estimated expense of contract, \$6,825. Dated September 13, 1880. Expiration, October 15, 1880.

October 20, 1880.—Awarded to I. Eugene White, of 279 Quincy street, Brooklyn, for building Pier, new 41, North river. Estimated expense of contract, \$37,538. Dated November 1, 1880. Expiration, September 4, 1881.

November 17, 1880.—Awarded to John Kinsley, of 212 East Twenty-seventh street, for building rip-rap embankment, wooden platform, and rubble boundary wall, from East Forty-ninth street to East Fifty-first street, East river. Estimated expense of contract, \$11,253.05. Dated December 4, 1880; to expire April 20, 1881. Consent to assign, December 15, 1880. Injunction to suspend work, December 18, 1880. Referred to Counsel to the Corporation, December 24, 1880.

November 24, 1880.—Awarded to John Gillies, of 192 West street, Greenpoint, Brooklyn, for building Pier, new 54, North river. Estimated expense of contract, \$50,549. Dated December 22, 1880. Expiration June 26, 1881.

November 27, 1880.—Awarded to Holmes Brothers, of 220 William street, for building Pier, new 55, North river. By resolution, January 10, 1881, voided, for failure to provide satisfactory sureties.

January 6, 1881.—Awarded to Cape Ann Granite Company, Bay View, Gloucester, Mass., for furnishing granite stones for bulkhead or river wall. Estimated expense of contract, \$40,056.80. Dated February 2, 1881. Expiration, August 31, 1881.

January 26, 1881.—Awarded to Holmes Brothers, of 220 William street, for building Pier, new 55, North river, under proposals re-advertised. Estimated expense of contract, \$62,800. Dated February 18, 1881. Expiration, July 21, 1881.

February 15, 1881.—Awarded to Warren Rosevelt, of 257 South street, for repairing Pier 12 and its adjacent bulkhead, East river; the owners of the easterly half of said pier to pay one-half. Estimated expense the city's one-half of contract, \$11,932.50. Dated February 28, 1881. Expiration, July 1, 1881.

February 23, 1881.—Awarded to Ross & Sanford, of 104 Hudson street, Jersey City, N. J., for building Pier, new 56, North river. Estimated expense of contract, \$53,400. Dated, March 1, 1881. Expiration, September 20, 1881.

March 10, 1881.—Awarded to William H. Thompson, of 15 Broadway, for furnishing about 4,000 barrels of Portland cement. Estimated expense of contract, \$10,120. Dated March 25, 1881. Expiration, July 1, 1881.

March 16, 1881.—Awarded to the Union Dredging Company, for dredging 750,000 cubic yards of mud, more or less, and 18,000 cubic yards of crib-work, more or less, under new plans for improvement of water-front. Estimated expense of contract, \$249,300. Dated May 9, 1881. Expiration, on completion of the work, as specified.

March 23, 1881.—Awarded to George J. Goetz, of 441 and 443 East Tenth street, for furnishing about 29,000 pounds of wrought-iron spikes. Estimated expense of contract, \$870. Dated April 7, 1881. Expiration, June 15, 1881.

March 23, 1881.—Awarded to James H. Perkins, of 61 South street, for furnishing about 3,400 cubic yards of broken stone. Estimated expense of contract, \$5,744. Dated April 8, 1881. Expiration, June 30, 1881.

March 23, 1881.—Awarded to Thomas J. Crombie, of 164 East Eighty-fifth street, for furnishing about 117,087 feet B. M. of spruce, and about 5,120 feet B. M. of white oak. Estimated expense of contract, \$3,227.03. Dated April 6, 1881. Expiration, June 15, 1881.

April 6, 1881.—Awarded to Thomas and Augustin Walsh, of 114 Wall street, for repairing Pier 48 and adjoining bulkhead, East river. Estimated expense of contract, \$20,975. Dated April 16, 1881. Expiration, August 1, 1881.

April 25, 1881.—Awarded to Joseph Walsh, of 114 Wall street, for building pier at West Fifty-eighth street, North river. Estimated expense of contract, \$17,300. Dated May 3, 1881. Expiration, August 1, 1881.

III.—PAYMENTS MADE BY THE BOARD.

The Commissioners of Docks have made requisitions upon the Finance Department for payments, in satisfaction of liabilities incurred, from May 1, 1880, to April 30, 1881, amounting in all to the sum of \$640,481.57; and herewith submitted, in due form of exhibits, annexed to the Statement of the Revenues and Disbursements of the Department for the year, is a full showing of the payments so made by the Board, and of the purposes and amounts thereof.

IV.—LEASES MADE BY THE BOARD.

I.—All leases made during the year, both at public sales and by resolution of the Board, of wharf property owned by the Corporation, including land under water, and all permits issued by the Board during that period to occupy such property, are shown in the rent-roll accompanying this report, which fully expresses for what term, at what rent, to whom, and for what property, each of said leases was respectively made, and each of said permits was respectively granted.

The rent-roll herewith submitted is a complete showing, as required by law, of all leases made during the year. And it, moreover, is a complete showing of all leases terminated during the year,

and of all leases and permits in force on the first day of May, 1881; thus including any leases sold at public sales, within the year, to have inception in the ensuing year, or thereafter.

II.—Agreements for leases have been made by the Board with the under-mentioned parties for piers to be built under the new plan adopted for the permanent improvement of the water-front, to be occupied by them upon completion of the premises:

September 15, 1880.—By resolution, this date, with the Cunard Steamship Company (Limited), to lease to it, as soon as completed, Pier, new 41, North river, for a term of ten years, at an annual rent of \$30,000, payable quarterly in advance; with a covenant of renewal for a second term of ten years, at an annual rent of \$30,500. Transferred by assignment, to John H. Starin, under consent given by resolution, April 29, 1881.

December 8, 1880.—By resolution, this date, with Arkell & Co., representing Ernest L. Simpson and Lewis H. Spence, agents of the Leith Line of Steamers, to lease to them, as soon as completed, Pier, new 56, North river, for a term of ten years, at an annual rent of \$25,000, payable quarterly in advance; with a covenant of renewal for a second term of ten years, at an annual rent of \$30,000.

March 9, 1881.—By resolution, this date, with the Union Stock Yard and Market Company, to lease to it, as soon as completed, a new pier to be constructed at West Fifty-eighth street, North river, for a term of five years, from May 1, 1881, at an annual rent of \$5,000, payable quarterly in advance, from the date of completion.

III.—Consents of the Board have been given to the following-mentioned assignments of leases of wharf property, to wit:

September 8, 1880.—To Theodore F. Tone, to assign to the Albemarle Fertilizer Company, lease of Pier at One Hundred and Fifty-second street, North river; without release of lessee or his sureties from their present obligations under the lease.

November 10, 1880.—To the Cunard Steamship Company (Limited), to be substituted in place of Central Railroad Company of New Jersey, present lessees, to the northerly side of Pier, new 40, North river, surface of pier excepted, for the remainder of the term of lease, from November 1, 1880, to May 1, 1889, at an annual rent of \$7,500, payable quarterly in advance, with a covenant for a renewal term of ten years, at an annual rent of \$7,625.

January 26, 1881.—To the Oceanic Steam Navigation Company (Limited), lessees of Pier, new 44, North river, to underlet the same to the Citizens' Steamboat Company of Troy.

April 29, 1881.—To the Cunard Steamship Company (Limited), lessees, by agreement of September 15, 1880, of Pier, new 41, North river, to assign the same to John H. Starin, with full substitution to him, in the place and stead of said Cunard Steamship Company (Limited).

IV.—No surrender of leases have been made during the year.

V.—The following-mentioned allowances from rent have been granted by the Board:

May 19, 1880.—To Martin Karl, lessee of pier at Fifty-first street, North river, an allowance from rent, consequent upon the placing of a public bath thereat, in the sum, for the season, of \$300.

July 31, 1880.—To Isaac Fowler, lessee of Pier 61, and part bulkhead, East river, a reduction from rent for the two quarters from February 1, to November 1, 1880, as sanctioned by the Comptroller, consequent upon the inability of this Department to give full possession of the premises, in the sum of \$187.50.

July 31, 1880.—To Charles H. Longstreet, assignee, lessee of bulkhead at Fifty-first street, East river, an allowance from the rent charged for the quarter to October 1, 1880, he having been dispossessed July 29, 1880, therefor in the sum of \$52.22.

July 31, 1880.—To Thomas C. Burke, lessee of Pier 48, East river, an allowance from the rent charged for the quarter to August 1, 1880, he having been dispossessed July 12, 1880, therefor in the sum of \$222.01.

October 31, 1880.—To Thomas Fitzpatrick, lessee of pier at Twenty-eighth street, East river, an allowance from the rent charged for the quarter to November 1, 1880, he having been dispossessed September 15, 1880, therefor in the sum of \$137.50.

January 31, 1881.—To Charles H. Longstreet, assignee, occupant of land under water for pier at Fifty-first street, East river, an allowance from the rent charged for the year to January 1, 1881, he having been dispossessed July 29, 1880, therefor in the sum of \$21.10.

April 30, 1881.—To Michael Ryan, being an allowance in full to him of the rent charged to him as occupant of bulkhead at Fiftieth street, North river, consequent upon his neither having signified his acceptance of the permit granted him nor entered into occupancy of the premises, in the sum of \$125.

April 30, 1881.—To Edward McGrath and R. H. Smith, occupants of right to moor float at One Hundred and Twenty-fifth street, Harlem river, an allowance of three quarters' rent to May 1, 1881, consequent upon the right not having been used during that time, therefor in the sum of \$75.

April 30, 1881.—To Long Island North Shore Passenger and Freight Transportation Company, occupants of outer end of pier at Thirty-third street, East river, for steamboat landing, an allowance of ten months' rent from the amount charged to May 1, 1881, consequent upon the disuse of the premises, by reason of the loss of steamboat "Seawanhaka," on June 28, 1880, in the sum of \$500.

April 30, 1881.—To David Tracy (in hands of Counsel to the Corporation), for one day's rent on eight several piers and bulkheads of which he was lessee, and from which he was dispossessed, May 26, 1877; withdrawn from the several charges made, and allowed as an overcharge, by advice of Counsel to the Corporation; in the sum of \$49.75.

VI.—And, under resolutions of the Board, as follows, the following-named lessees having been dispossessed during the year:

June 9, 1880.—Charles H. Longstreet, assignee, from bulkhead and pier at East Fifty-first street, East river, for non-payment of rent.

June 18, 1880.—Thomas C. Burke, from Pier 48, East river, for non-payment of rent.

June 30, 1880.—Thomas Fitzpatrick, from Pier at East Twenty-eighth street, East river, by resolutions of this date and of July 30, 1880, for non-payment of rent.

October 20, 1880.—C. T. Van Santvoord, agent, from pier at West Twenty-fourth street, North river, under covenant in his lease.

October 20, 1880.—C. T. Van Santvoord, agent, from pier at West Twenty-fifth street, North river, under covenant in his lease.

October 20, 1880.—C. T. Van Santvoord, agent, from Pier at West Twenty-sixth street, North river, under covenant in his lease.

The three last-named, in preparation for carrying forward the work of construction on the new plan, in that part of the water-front.

All of which is very respectfully submitted.

H. F. DIMOCK,
JACOB VANDERPOEL,
WILLIAM LAIMBEER,
Commissioners of Docks.

EUGENE T. LYNCH, Secretary.

STATEMENT OF REVENUES AND DISBURSEMENTS.

Account with the Mayor, Aldermen, and Commonalty, and Balance Sheet for April 30, 1881.

STATEMENT OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS FOR AND DURING THE YEAR ENDING APRIL 30, 1881.

DOCK AND SLIP RENT.

I.—REVENUE:

Amount of rents and dues remaining uncollected on April 30, 1880, as per report for the year ending on that date, to wit:

1. Due from lessees of Corporation wharf property.....	\$98,360 33
2. Due from occupants of Land under water, the property of the Corporation.....	10,742 50
3. Amount of accrued wharfage uncollected.....	708 30
	\$109,811 13

Amount of wharfages accrued in previous years, prior to May 1, 1880, omitted to be charged at the proper times, brought into account in the present year.....

\$843 14

Amount of rents and dues accrued and charged in and during the year ending April 30, 1881, including rents for the last expired quarter, payable on May 1, 1881, to wit:

4. To Lessees of Corporation wharf property.....	\$782,916 00
5. To Occupants of Land under water, the property of the Corporation, covered by wharf improvements, erected by permission of the Department.....	65,150 00
6. Amount of wharfages accrued within the year from un-leased Corporation wharf property.....	16,162 75
	\$864,228 75

\$65,071 89

\$974,883 02

II.—DISTRIBUTION :

Cash :

Amount of moneys deposited with the Chamberlain prior to May 1, 1880, being in payment, in advance, of rents accruing during the present year.....	\$9,406 25
Amount of moneys deposited during the year with the Chamberlain to the credit of the Commissioners of the Sinking Fund, for the redemption of the City debt.....	895,799 21
Deduct the amount, included in the said moneys, of proceeds of sales of old material in and during the year.....	\$905,205 46
	391 00
	\$904,814 46
Deduct also the amount, included in said moneys, of sums received in and during the year at public sales of leases of Corporation wharf property, being deposits made by purchasers as security for the execution on their part of their leases respectively; which leases are to date from May 1, 1881, or subsequently, and which deposits are to be applied as rent first-accruing under such leases as shall be duly completed, or, in default, to become forfeited to the City.....	\$56,672 50
Also, the amount, included in said moneys, of rents paid in advance of due dates in the present and next ensuing year, by lessees, at their own option.....	\$1,887 50
Less, an amount entirely within the present year.....	106 25
	1,781 25
	\$8,453 75
Leaving this amount deposited as rents and dues from Corporation wharf property (premises in use under ferry leases made with the Comptroller, however, excepted).....	\$846,360 71

Allowances :

Amount of rents and dues remitted in and during the year to Lessees or Occupants of Corporation wharf property, to wit :	
To Martin Karl, consequent upon a floating bath being placed at pier at Fifty-first street, N. R., leased by him.....	\$300 00
To Isaac Fowler, consequent upon the inability of this Department to give him full possession of Pier 61 and part bulkhead, E. R., leased by him.....	187 50
To Charles H. Longstreet, as assignee, consequent upon his having been dispossessed from bulkhead at Fifty-first street, N. R., leased by him, and from Land under water for pier thereat, occupied by him, before expiration of the terms respectively for which rent was last charged.....	73 32
To Thomas C. Burke, consequent upon his having been dispossessed from Pier 48, E. R., leased by him, before the last quarter for which rent had been charged to him had expired.....	222 01
To Thomas Fitzpatrick, consequent upon his having been dispossessed from pier at Twenty-eighth street, E. R., leased by him, before the last quarter for which rent had been charged to him had expired.....	137 50
To Michael Ryan, consequent upon his not having occupied bulkhead at Fiftieth street, N. R., under permit to him so to do, and, for rent of which, charge was made to him in error.....	125 00
To Edward McGrath and R. H. Smith, consequent upon the right not having been used to moor float at One Hundred and Twenty-fifth street, H. R., under permit to them, during three-quarters of the year.....	75 00
To Long Island North Shore Passenger and Freight Transportation Co., consequent upon the disuse of outer end of pier at Twenty-third street, E. R. under permit for steamboat landing thereat, during the last ten months of the year.....	500 00
	\$1,620 33
Also :	
To David Tracy (in hands of Counsel to the Corporation), consequent upon withdrawal from the charges made to him for rent for eight several piers and bulkheads leased by him, of one day's rent, remitted by advice of Counsel to the Corporation.....	49 75
	1,670 08

Counsel to the Corporation :

Amount of claims for unpaid rents and dues transferred to him in and during the year for collection.....	\$9,830 56
Less, credit given for eight small allowances advised by him, from sums demanded in suits.....	49 75
	9,780 81

III.—BALANCE :

1. Amount of rents and dues charged to Lessees of Corporation wharf property, and remaining uncollected on April 30, 1881.....	\$99,792 16
2. Amount of rents and dues charged to Occupants of Land under water, the property of the Corporation, and remaining uncollected on April 30, 1881.....	16,337 50
3. Amount of accrued wharfage remaining uncollected on April 30, 1881.....	824 26
4. Amount in hands of the Treasurer, undeposited on April 30, 1881.....	117 50
(NOTE.—Of this whole amount, \$72,212.50 was not payable until May 1, 1881, and the whole of this shown balance of \$117,071.42 was collected and deposited with the Chamberlain prior to June 22, 1881, except only a small amount of uncollected wharfages.)	
	\$117,071 42

DOCK BONDS.

Amount of Dock Bonds directed to be issued by the Commissioners of the Sinking Fund prior to May 1, 1880.....	\$7,100,000 00
Amount of Requisitions made by the Department prior to May 1, 1880, upon which the Commissioners of the Sinking Fund directed bonds to be issued during the following year.. \$3,530 00	
Of which, a fragment, not being issuable in a bond, was credited back.....	30 00
	3,500 00
Amount of Requisitions for Dock Bonds made in and during the year ending April 30, 1881; upon the whole of which the said Commissioners of the Sinking Fund gave direction for the issue of bonds during the year.....	750,000 00
Making the total amount of "Dock Bonds of the City of New York," directed, from time to time, by the Commissioners of the Sinking Fund, to be issued for the uses and purposes of the Department of Docks, from the date of its organization in May, 1870, to April 30, 1881, to be.....	\$7,853,500 00

DOCK FUND.

I.—RECEIPTS :

1. Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on May 1, 1880, for the uses and purposes of this Department, as per Annual Report for the year ending April 30, 1880.....	\$50,333 80
Amount of proceeds of Dock Bonds directed by the Commissioners of the Sinking Fund to be issued by the Comptroller, in and during the year ending April 30, 1881; premium thereupon, if any, not here included.....	753,500 00
	\$803,833 80
2. Amount of moneys received in and during the year, and deposited with the Chamberlain for the uses and purposes of the Department; being reimbursements for the cost of repairs to wharf properties not owned by the Corporation, and for the use of Department appliances, furnishing maps and tracings, etc.....	10,449 12
	\$814,282 92

II.—EXPENDITURES :

Amount of bills and claims audited in and during the year ending April 30, 1881, and transmitted to the Finance Department for payment, being for materials and supplies furnished, for certain floating property acquired, and for services rendered to this Department, to wit :	
1. For Construction :	
As per annexed Schedule B :	
Acquired floating plant.....	\$10,545 00
Advertising for estimates, etc.....	192 60
Cement.....	14,701 77
Coal for tug, pile-drivers, etc.....	3,952 75
Contracts for building new piers and bulkheads.....	149,108 82
Dredging.....	461 62
General expenses, including plumbing and gas-fitting on new piers, insurance on sheds, workmen's tools, etc.....	122,611 90
Granite, rip-rap, broken stone, cobble-stone, and sand.....	5,140 12
Iron, steel, and nails.....	43,167 11
	4,344 96

Lumber, piles, and crossotting.....	\$35,510 19
Maintenance of floating plant and Department yards.....	7,373 82
Stationery, printing, and maps.....	2,261 22
Towing.....	102 50
West Twenty-third Street Office building.....	520 00
	\$400,054 38

As per annexed Schedule C :

Salaries of the Commissioners of Docks.....	\$7,169 35
Salaries of the Office of the Engineer-in-Chief.....	12,530 00
Salaries of the Construction force.....	18,205 50
	37,904 85

As per annexed Schedule D :

Pay-rolls—	
Office of Engineer-in-Chief.....	\$4,089 00
Surveying force.....	8,490 57
Captains, engineers, crews, and watchmen on floating property.....	13,628 15
Black-miths, stone-cutters, laborers, and watchmen in Department yards.....	15,260 65
Masons, dock-builders, laborers, and watchmen on works of construction.....	73,521 70
	114,990 07

2. For General Repairs :

As per annexed Schedule E :

Advertising for estimates.....	\$33 50
Dredging.....	36,818 92
Lumber.....	4,976 69
Miscellaneous expenses, including painting, etc.....	593 71
Printing.....	311 30
	\$42,734 12

As per annexed Schedule F :

Pay-rolls of dock-builders, laborers, and watchmen on repairs.....	14,758 71
	57,492 83

3. For Annual Expense :

As per annexed Schedule G :

Advertising public sales, etc.....	\$206 30
Office rent and contingent expenses.....	8,691 22
Stationery and printing for Commissioners' offices.....	878 70
	\$9,776 22

As per annexed Schedule H :

Salaries of officers and appointees.....	20,263 22
	30,039 44

III.—BALANCE :

Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on April 30, 1881, available for the future uses and purposes of this Department (unpaid audited claims and outstanding warrants being here unconsidered).....

NEW YORK, June 30, 1881.

Respectfully submitted to the Board,
WM. M. WHITNEY, Chief Clerk.

Approved and adopted:

H. F. DIMOCK,
JACOB VANDERPOEL, } Commissioners of Docks.
WM. LAIMBEER,

The Mayor, Aldermen, and Commonalty of the City of New York in account with the Board of the Department of Docks, for and during the Year ending April 30, 1881.

DR.	CR.
To deposits of money made prior to May 1, 1880, being for payments in advance of rents accruing after that date and credited in this account.....	\$9,406 25
To deposits of money with the Chamberlain to bills and claims audited for floating plant acquired, for materials and supplies furnished, and for services rendered, to wit :	906,248 33
On Construction account.....	\$552,949 30
On General Repairs account.....	57,492 83
On Annual Expense account.....	30,039 44
To remnant of a requisition credited to Commissioners of the Sinking Fund.....	30 00
To balance carried forward.....	898,196 60
	\$2,454,362 75
By balance, April 30, 1880, as per report for the year ending at that date, to wit :	
Unpaid balances.....	\$297,545 92
Dock funds.....	53,863 80
Contingent fund.....	1,000 00
	\$352,409 72
By Dock and Slip rent.....	863,401 81
By Rent advances.....	58,453 75
By interest in recovered judgments.....	18,535 79
By unsatisfied judgments revived.....	2,542 44
By proceeds of sales of old material.....	391 00
By requisitions of Dock Bonds.....	750,000 00
By reimbursement for repairs made to private wharves, and for hire of pile-drivers, scows, etc.....	10,409 97
By sales of maps, etc.....	39 15
By moneys credited to the Dock Fund.....	10,449 12
By acquired real and floating property.....	387,730 00
	\$2,454,362 75
By balance, April 30, 1881, to wit :	
Unpaid balances.....	\$245,730 29
Judgments.....	89,934 96
Property.....	387,730 00
Dock funds.....	173,801 35
Contingent fund.....	1,000 00
	\$898,196 60

NEW YORK, June 30, 1881.

H. F. DIMOCK,
JACOB VANDERPOEL, } Commissioners, composing
WM. LAIMBEER, } the Board of the
Department of Docks.

WM. M. WHITNEY, Chief Clerk.

DR.	Balance Sheet, April 30, 1881.	CR.
Jacob Vanderpoel, Treasurer.....	\$1,117 50	
Sundry Lessees (as per Schedule A).....	116,129 66	
Accrued Wharfage uncollected (as per Schedule I).....	824 26	
Judgments.....	89,934 96	
Counsel to the Corporation.....	128,658 87	
Dock Fund.....	173,801 35	
Acquired real and floating property.....	387,730 00	
	\$898,196 60	
		\$898,196 60

SCHEDULE A.

LEDGER BALANCES, APRIL 30, 1881.

(Trial Balance.)

DR.	FOLIO.	CR.
\$906,248 33	48	Sales of old material.....
	53	J. Nelson Tappan, Chamberlain.....
	58	Sales of maps, etc.....
552,949 30	64	Construction.....
57,492 83	65	General repairs.....
30,039 44	67	Annual expense.....
131 23	74	James Fitzpatrick, Corporation Wharfmaster.....
262 86	77	John Butler.....
404 67	79	John M. Smith.....
5 50	82	William McConkey.....
	84	Rent advances.....
1,117 50	86	Jacob Vanderpoel, Treasurer.....
128,658 87	90	Counsel to the Corporation.....
163,352 23	92	Dock Fund.....
	94	Leased wharves.....
	96	Land under water.....
	98	Unleased wharves.....
	100	The Mayor, Aldermen and Commonalty.....
	102	Repairs for private owners, etc.....
203,530 00	104	Acquired property.....
87,392 52	106	Judgments recovered.....
2,542 44	108	Unsatisfied judgments.....
184,200 00	110	Floating plant.....
		Sundry Lessees.....
116,129 66	268 to 480	(This amount being wholly composed of accrued rents, charged to 54 tenants, of which amount \$72,212.50 is not payable until May 1, 1881.)
\$2,434,477 38		\$2,434,477 38

SCHEDULE B.

BILLS AND CLAIMS AUDITED ON CONSTRUCTION ACCOUNT.

Acquired Floating Plant.		
John Dunn.....	\$7,545 00	
Lidgerwood Manufacturing Co.....	3,000 00	
		\$10,545 00
Advertising.		
The Evening Post.....	\$40 40	
Journal of Commerce.....	24 00	
New York Tribune.....	42 00	
The World.....	47 80	
New York Staats Zeitung.....	23 40	
New York Express Company.....	15 00	
		192 60
Cement.		
Stephen L. Merchant.....	\$1,332 15	
Stephen L. Merchant, Agent.....	13,429 62	
		14,761 77
Coal for Tug, Pile-drivers, etc.		
Niven & Co.....	\$3,653 75	
Communipaw Coal Co.....	299 00	
		3,952 75
Contracts for Building New Piers and Bulkheads.		
Ross & Sanford.....	\$134,529 32	
John B. Devlin.....	7,949 50	
Thomas & Augustin Walsh.....	6,630 00	
		149,108 82
Drawing Materials and Surveying Instruments.		
A. S. Barnes & Co.....	\$196 58	
Keuffel & Esser.....	109 04	
Stackpole & Brother.....	57 00	
Albert Levy.....	99 00	
		461 62
Dredging.		
Union Dredging Co.....	\$122,611 90	
		122,611 90
General Expenses, including Plumbing and Gas-fitting on New Piers, Insurance on Sheds, Workmen's Tools, etc.		
Thomas C. Townsend.....	\$712 76	
Patterson Brothers.....	33 58	
Gold and Stock Telegraph Co.....	20 17	
Metropolitan Telephone and Telegraph Co.....	205 78	
Hodgman & Co.....	233 10	
Paul C. Coffin.....	394 31	
Bradley, Kurtz & Co.....	259 43	
Consumers' Ice Co.....	61 14	
Wm. B. Ferguson & Son.....	9 50	
Stevens Institute of Technology.....	223 60	
C. T. Reynolds & Co.....	13 50	
John B. Barazzi.....	15 00	
Greenwich Insurance Co.....	100 00	
Boston Belting Co.....	68 88	
Travers Brothers.....	6 00	
Charles Boettger.....	66 73	
John Early.....	126 02	
Theron S. Atwater.....	131 50	
R. Hoe & Co.....	158 02	
Commercial Union Assurance Co.....	175 00	
Robinson, Lord & Co.....	1 08	
R. H. Allen & Co.....	54 00	
Charles Ostrom.....	80 00	
New Jersey Steel and Iron Co.....	2 52	
E. Imhauser.....	6 50	
Josiah Partridge.....	79 42	
Henry Lorient.....	275 00	
William Crawford.....	3 00	
John Robinson & Co.....	5 94	
Goodyear's Rubber Manufacturing Co.....	166 32	
Henry C. Parsons.....	65 00	
Phoenix Insurance Co. (of London).....	225 00	
German-American Insurance Co.....	100 00	
Republic Fire Insurance Co.....	50 00	
Samuel B. Schenck.....	3 75	
W. & A. Fletcher.....	9 00	
Popham & Co.....	16 00	
Alexander W. Baker.....	6 00	
James R. Mangles.....	10 00	
E. Robinson.....	10 00	
Borne, Scrymser & Co.....	8 00	
Incidental expenses.....	889 57	
		5,140 12
Granite, Rip-rap, Broken Stone, Cobble Stone and Sand.		
John A. Bouker.....	\$31,747 51	
John B. Devlin.....	186 00	
Rowe & Denman.....	25 52	
Robert L. Darragh.....	11,208 08	
		43,167 11
Iron, Steel, and Nails.		
Wetmore & Co.....	\$14 16	
Patterson Brothers.....	42 09	
Alfred R. Whitney.....	203 15	
Paul C. Coffin.....	320 82	
Theo. Smith & Brother.....	2,364 99	
Peter Timmes' Son.....	1,354 75	
J. B. & J. M. Cornell.....	45 00	
		4,344 96
Lumber, Piles, and Creosoting.		
John J. Lawrence.....	\$2,790 65	
Charles B. Carman.....	766 50	
Beard & Kimpland.....	1,331 00	
P. C. Coffin, Agent.....	1,373 00	
Paul C. Coffin.....	71 64	
Drew & Buck.....	527 74	
Thomas J. Crombie.....	89 64	
John Bryant.....	620 00	
P. Sanford Ross.....	1,731 20	
Alfred J. Murray.....	19,024 85	
John Crouch & Co.....	1,600 35	
Ross & Sanford.....	493 11	
John B. Devlin.....	160 00	
Joel Griffin.....	2,005 00	
Thomas & Augustin Walsh.....	307 11	
Edward R. Andrews.....	2,549 40	
		35,510 19
Maintenance of Floating Plant and Department Yards.		
William McDonagh & Co.....	\$192 10	
Thomas C. Townsend.....	229 64	
Hodgman & Co.....	12 38	
Paul C. Coffin.....	30 84	
Wm. B. Ferguson & Son.....	80 45	
Handren & Robins.....	872 92	
Theo. Smith & Brother.....	2,288 19	
DeGrauw, Aymar & Co.....	1,390 05	
John A. Roebling's Son Co.....	43 17	
Screw Dock Co.....	36 83	
C. T. Reynolds & Co.....	\$107 28	
Josiah Macy's Sons.....	95 53	
John F. Walsh.....	402 41	

Clinton Fire Insurance Co.	\$11 25
Guardian Fire Insurance Co.	22 50
Greenwich Insurance Co.	45 00
Lorillard Insurance Co.	45 00
Relief Fire Insurance Co.	11 25
Pacific Fire Insurance Co.	22 50
Charles M. Childs	15 00
E. W. Page & Son	14 28
Darius Allen's Sons	180 44
J. W. & W. F. Smith	121 90
F. P. Reed	57 36
C. H. Delamater & Co.	120 00
Charles Boettger	208 00
John Jewett & Sons	28 06
Colgate & Co.	20 83
Brinkerhoff, Turner & Co.	18 49
Gustavus Pierrez	7 50
R. F. Seaman & Co.	13 50
R. Hoe & Co.	8 16
Richard Heather	65 00
Eagle Fire Co.	22 50
Exchange Fire Insurance Co.	22 50
Jefferson Insurance Co.	11 25
New York Bowery Fire Insurance Co.	22 50
Park Fire Insurance Co.	11 25
Sterling Fire Insurance Co.	22 50
Williamsburgh City Fire Insurance Co.	22 50
J. S. Barron & Co.	41 00
K. Egan & Co.	40 57
Goodyear's Rubber Manufacturing Co.	66 25
David Clark	89 50
German-American Insurance Co.	45 00
Binghamton Oil Refining Co.	79 15
Charles Pratt & Co.	57 04
Fairbanks & Co.	2 50
	<hr/>
	\$7,373 82
<i>Stationery, Printing, and Maps.</i>	
A. S. Barnes & Co.	\$581 91
William C. Bryant & Co.	1,593 06
Asa L. Shipman's Sons	10 50
Hektograph Co.	4 00
G. H. Nelson	1 75
Joseph Laing	70 00
	<hr/>
	2,261 22
<i>Towing.</i>	
V. Vierow	\$102 50
	<hr/>
	102 50
<i>West Twenty-third Street Office Building.</i>	
John Williamson	\$520 00
	<hr/>
	520 00
	<hr/>
	\$400,054 38

SCHEDULE C.

SALARIES AUDITED ON CONSTRUCTION ACCOUNT.

Commissioners of Docks.		
Henry F. Dimock.....		\$3,000 00
Jacob Vanderpoel.....		3,000 00
William Laimbeer.....		1,169 35
		<hr/> \$7,169 35
Office of Engineer-in-Chief.		
G. S. Green, Jr., Engineer-in-Chief.....		\$6,000 00
Willard A. Nichols, First Assistant Engineer.....		3,600 00
David T. Keiller, Draughtsman.....		1,350 00
	(From January 15, 1881.)	
James Dana, Jr., Clerk to Engineer-in-Chief.....	\$270 00	
Robert M. Kid, Assistant Draughtsman.....	315 00	
William Livingstone, Assistant Draughtsman.....	270 00	
Matthew J. Brennan, Assistant Draughtsman.....	270 00	
Edward C. Reynolds, Temporary Draughtsman.....	270 00	
Frederick Lange, Messenger.....	72 50	
Perry Goodale, Acting Messenger.....	112 50	
		<hr/> 1,580 00
		<hr/> 12,530 00
CONSTRUCTION FORCE.	To DECEMBER 31, 1880.	FROM JANUARY 1, 1881.
William W. Maclay, Superintendent of Section.....	\$1,666 64	\$833 36
Charlton B. Kid, ".....	1,666 64	833 36
Thomas J. Long, Assistant to Superintendent.....	1,025 00	600 00
John H. Staats, ".....	874 98	500 02
Thomas Murphy, Master Mason.....	1,500 00	600 00
Jas. Guthrie, Master Dock-builder.....	1,666 64	450 00
Patrick White, Foreman of Dock-builders.....	1,000 00	333 33
Moses S. Barrett, Surveyor.....	1,044 35	.....
Charles W. Raymond, Assistant Surveyor.....	825 00	500 00
Charles F. Carpenter, Leveler.....	475 00	285 00
James O'Brien, Roundsman.....	800 00	51 61
John H. Rogers, Acting Roundsman.....	.....	105 53
Frederick Lange, Acting Roundsman.....	.....	235 71
Robert M. Sterritt, Foreman of Department Yards.....	.....	333 33
	<hr/> \$12,544 25	<hr/> \$5,661 25
		<hr/> \$18,205 50
		<hr/> \$37,904 85

SCHEDULE D.

PAY-ROLLS AUDITED ON CONSTRUCTION ACCOUNT.

<i>Office of Engineer-in-Chief.</i>			
<i>(To January 15, 1881.)</i>			
Seven two-week's rolls, to	July 31, 1880.....	\$1,492 50	
Six " "	October 23, 1880.....	1,296 00	
Six " "	January 15, 1881.....	1,300 50	
<i>Surveying Force.</i>			
Seven two-week's rolls, to	July 31, 1880.....	\$2,454 97	
Six " "	October 23, 1880.....	1,931 43	
Seven " "	January 29, 1881.....	2,295 72	
Six " "	April 23, 1881.....	1,808 45	
			\$4,089 00
<i>Captains, Engineers, Crews, and Watchmen on Floating Property.</i>			
Three monthly rolls, to	July 31, 1880.....	\$1,158 87	
" "	October 31, 1880.....	1,102 59	
" "	January 31, 1881.....	1,154 04	
" "	April 30, 1881.....	1,160 44	
Seven two-weeks' rolls, to	July 31, 1880.....	2,289 31	
Six " "	October 23, 1880.....	2,330 53	
Seven " "	January 29, 1881.....	2,339 30	
Six " "	April 23, 1881.....	2,093 07	
			13,628 15

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.		RIGHT OF TENANCY.
			Leases, etc., Terminated.	Leases, etc., in force on and after May 1, 1881.	
<i>North River.</i>					
Pier, new 1.....	Iron Steamboat Co.....	May 1, 1881, to May 1, 1891.....		\$30,100 per ann.	By Public Sale, March 22, 1881.
Extension to bulkhead between Piers 3 and 6, and widening Piers 4 and 5.....	Union R. R. and Transportation Co.....	May 1, 1873, to May 1, 1883.....	12,500	"	By Resolution, April 30, 1873.
Platforms at bulkheads between Piers 6 and 8.....	N. Y. & Baltimore Transportation Line.....	At pleasure of the Board.....	300	"	By Resolution, January 2, 1878.
Platform south side Pier 8.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board.....	1,500	"	By Resolution, January 5, 1881.
Platform between Piers 8 and 9.....	Clark & Seaman.....	At pleasure of the Board.....	1,250	"	By Resolution, October 9, 1879.
Extension to Pier 9.....	William Cruikshank, Agent.....	At pleasure of the Board.....	700	"	By Resolution, October 9, 1879.
North half Pier 12 and half bulkhead.....	Francis S. Lathrop.....	Aug. 1, 1879, to Aug. 1, 1884.....	3,000	"	By Public Sale, March 13, 1879.
Pier 13 and half bulkhead southerly.....	Francis S. Lathrop.....	Aug. 1, 1879, to Aug. 1, 1884.....	15,000	"	By Public Sale, March 13, 1879.
Platforms between Piers 12 and 13, and 13 and 14.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board.....	1,600	"	By Resolution, August 5, 1879.
South half Pier 14 and bulkhead adjoining.....	Central R. R. Co. of New Jersey.....	May 1, 1876, to May 1, 1881; now holding over.....	10,010	"	By Public Sale, March 7, 1876, and Resolution, March 16, 1881.
Extension westerly to Pier 14.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board.....	400	"	By Resolution, October 2, 1879.
Widening south side Pier 14.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board.....	250	"	By Resolution, November 6, 1879.
Platform south of Pier 16.....	Pennsylvania R. R. Co.....	At pleasure of the Board.....	800	"	By Resolution, July 9, 1879.
South half Pier 18 and part bulkhead adjoining.....	Associates of the Jersey Co.....	May 1, 1876, to May 1, 1886.....	7,510	"	By Public Sale, March 7, 1876.
Platform between Piers 18 and 19, etc.....	Delaware, Lackawanna and Western R. R. Co.....	May 1, 1878, to 3 mos. notice.....	400	"	By Resolution, March 6, 1878.
Platform between Piers 18 and 20.....	John H. Starin.....	At pleasure of the Board.....	1,200	"	By Resolutions, May 15, 1873, and December 15, 1875.
Pier 20 and bulkhead southerly.....	Francis MacDonald.....	May 1, 1868, to 3 mos. notice.....	9,000	"	By the Mayor, etc., lease dated December 6, 1867.
Extension to Pier 20.....	Francis MacDonald.....	June 15, 1874, to 3 mos. notice.....	2,500	"	By Resolution, March 11, 1874.
Pier 21 and bulkhead adjoining south side.....	William Coverly.....	May 1, 1880, to May 1, 1883.....	12,000	"	By Public Sale, April 13, 1880.
South half Pier 22 (sometimes named 23) and bulkhead adjoining.....	Stephens & Condit Transportation Co.....	June 1, 1878, to June 1, 1881.....	2,910	"	By Public Sale, March 14, 1878.
South half Pier 22 (sometimes named 23) and bulkhead adjoining.....	Stephens & Condit Transportation Co.....	June 1, 1881, to June 1, 1884.....	3,500	"	By Public Sale, March 22, 1881.

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.		RIGHT OF TENANCY.
			Leases, etc., Terminated.	Leases, etc., in force on and after May 1, 1881.	
Platform at bulkhead north of Pier, old 28.	Old Colony Steamboat Co.	At pleasure of the Board.		\$300 per ann.	By Resolutions, July 9 and 23, 1879.
South half Pier 29 (including whole surface of pier)	Providence & Stonington S. S. Co.	Feb. 1, 1880, to May 1, 1883.	25,100	"	By Commissioners, Dec. 3, 1879, and Public Sale, April 13, 1880.
North half Pier 29.	Erie Railway Co.	Feb. 1, 1870, to Feb. 1, 1880; now holding over.		7,500	By Commissioners of the Sinking Fund, lease dated Jan. 18, 1870.
Pier 30.	Pavonia Ferry Co.	At pleasure of the Board.		15,000	(Holding over till completion of new work.)
Pier 31 and half of bulkhead on each side thereof.	Erie Railway Co.	At pleasure of the Board.		12,500	
Pier 32 and half of bulkhead on each side thereof.	Erie Railway Co. (Assignee).	At pleasure of the Board.		10,500	
Platforms on each side of Pier 33 at bulkhead.	Erie Railway Co.	At pleasure of the Board.		1,500	By Resolution, September 1, 1873.
South half Pier 33 and half bulkhead adjoining.	Providence & Stonington Steamship Co.	At pleasure of the Board.		10,000	By Resolution, April 6, 1876.
Platform north side Pier 33.	Providence & Stonington Steamship Co.	At pleasure of the Board.		250	By Resolution, August 1, 1872.
North half Pier, old 34.	J. H. Tremper & S. D. Coykendall.	At pleasure of the Board.		7,050	(Holding over under lease by Public Sale, March 14, 1876.)
Pier, old 35.	Homer Ramsdell.	May 1, 1879, to removal for new pier.		15,000	By Resolution, November 27, 1878.
Platform south side Pier, old 36.	Bogert & Morgan, Agents.	At pleasure of the Board.		250	By Resolution, August 8, 1877.
Pier, old 36.	Bogert & Morgan, Agents (Assignees).	February 1, 1880, to removal for new pier.		15,000	By Resolutions, November 27, 1878, and April 30, 1879.
Pier, new 26.	Old Dominion Steamship Co.	(Occupied from January 1, 1881, to May 1, 1881).	\$15,000 per ann.		
		May 1, 1881, to May 1, 1891.	30,000	"	By Resolutions, August 14, 1878, and April 27, 1881 (also, May 11 and May 25, 1881).
Pier, old 37.	Old Dominion Steamship Co.	To completion of new pier.	1,000 for term.		By Resolution, July 16, 1879 (and June 8, 1881).
Pier, old 38 and North Battery.	Pennsylvania R. R. Co. (Assignee).	At pleasure of the Board.		18,000 per ann.	Holding over under lease by Commissioners of the Sinking Fund May 31, 1869.
Pier, old 39.	Associates of the Jersey Co., and A. Van Santvoord and H. P. Farrington.	May 1, 1879, to removal for new pier.		15,000	By Resolution, November 27, 1878.
Platform, north side, at Desbrosses street.	New Jersey R. R. & Transportation Co.	At pleasure of the Board.		1,000	By Resolution, November 2, 1871.
Pier, old 40 and bulkhead northerly.	Harvey P. Farrington.	May 1, 1873, to May 1, 1883.		10,000	By Resolution, March 14, 1873.
Pier, old 42 and bulkhead southerly.	Edgar W. Youmans.	At pleasure of the Board.		4,500	(Holding over under lease by Public Sale, March 13, 1879.)
Pier, new 34 and one-half bulkhead each side.	Pacific Mail Steamship Co.	Sept. 1, 1874, to Sept. 1, 1884.		45,000	By Resolution, July 23, 1874.
Pier, new 35 and bulkhead northerly (formerly old 43).	William R. Garrison.	May 1, 1873, to May 1, 1883.		22,500	By Resolution, April 24, 1873.
Pier, new 36.	John G. Dale, Agent.	June 1, 1881, to June 1, 1891.		30,000	By Resolutions, November 20, 1879, and April 27, 1881; (as amended June 22, 1881).
Pier, new 37 (formerly old 45).	John G. Dale, Agent.	To completion of Pier, new 36.		15,000	By Resolution, November 20, 1879.
Bulkhead between Piers, new 37 and new 38.	Booth & Edgar.	At pleasure of the Board.		1,000	By Resolution, June 28, 1876.
Pier, new 38.	Williams & Guion.	May 1, 1878, to May 1, 1888.		30,000	By Resolutions, April 26, 1876, and January 30, 1878.
Pier, new 39.	Francis W. J. Hurst (National S. S. Co., Limited).	Feb. 1, 1878, to Feb. 1, 1888.		30,000	By Resolutions, April 26, 1879, and January 30 and July 17, 1878.
Pier, new 40 (except use of water on north side).	Cunard Steamship Co. (Limited).	May 1, 1879, to May 1, 1889.		22,500	By Resolutions April 26, 1876, and April 29, 1878.
Water, north side of Pier, new 40.	Cunard Steamship Co. Limited—Substituted.	Nov. 1, 1880, to May 1, 1889.		7,500 per ann.	By Resolutions, April 26, 1876, and November 10, 1880.
Pier, new 41 (except portions reserved).	Citizens S. B. Co. of Troy.	Season of 1880.	8,500 for term.		By Resolution, February 11, 1880.
Reclaimed land, southerly of Pier, new 42.	Hudson Tunnel Railway Co.	Jan. 1, 1881, to Jan. 1, 1885.		3,000 per ann.	By Resolution, March 23, 1881.
Land under water, southerly of Pier, new 42.	Hudson Tunnel Railway Co.	Jan. 1, 1881, to Jan. 1, 1886.		1,000 (fm. July 1, 1881)	By Resolution, March 23, 1881.
Pier, new 42.	Compagnie Generale Transatlantique.	Nov. 1, 1876, to Nov. 1, 1886.		30,000 per ann.	By Resolution, February 18, 1875.
Bulkhead and slip between Piers, new 43 and 44.	Old Dominion S. S. Co.	At pleasure of the Board.		15,000 per ann.	By Resolutions, August 14, 1878, and July 16, 1879.
Piers, new 44 and new 45, bulkhead between and one-half bulkhead north of new 45.	Hoboken Land and Improvement Co.	May 1, 1874, to May 1, 1884.		15,000 per ann.	By Resolution, February 2, 1874.
Pier, new 46.	Oceanic Steam Navigation Co.	July 1, 1874, to July 1, 1884.		45,000	By Resolution, December 4, 1873.
Pier, new 46.	Thomas Henderson.	May 1, 1878, to May 1, 1881.		20,000 per ann.	By Resolutions, May 13 and 27, and July 10, 1878.
Pier, new 47, and bulkhead southerly.	William Coverly.	May 1, 1881, to May 1, 1884.		30,500 per ann.	By Public Sale, March 22, 1881.
Pier, new 47, and bulkhead southerly.	Quebec and Gulf Ports S. S. Co. (Assignee).	May 1, 1878, to May 1, 1881.		4,500 per ann.	By Public Sale, March 14, 1878, and Resolution, July 23, 1879.
Bulkhead along easterly side of approach to Piers, new 46 and new 47.	Quebec and Gulf Ports S. S. Co. (Assignee).	May 1, 1878, to May 1, 1881.		1,000 per ann.	By Public Sale, March 14, 1878, and Resolution, July 23, 1879.
Bulkhead along easterly side of approach to Piers, new 46 and new 47.	Quebec Steamship Co.	May 1, 1881, to May 1, 1886.		3,200 per ann.	By Public Sale, March 22, 1881.
Bulkhead south of Pier 54.	William H. Christie.	May 1, 1878, to May 1, 1881.		6,000 per ann.	By Public Sale, March 14, 1878.
Bulkhead south of Pier 54.	Engene G. Bradford.	May 1, 1881, to May 1, 1884.		6,500 per ann.	By Public Sale, April 8, 1881.
Pier at Eleventh street and bulkhead extension to west line of West street.	Henry Miller, Jr.	May 1, 1878, to May 1, 1881.		3,000 per ann.	By Public Sale, March 14, 1878.
Bulkhead at Bank street.	Charles E. Boardman.	May 1, 1879, to May 1, 1882.		4,500 per ann.	By Public Sale, March 13, 1879.
Pier at Bethune street (except reservation for Public Bath).	Knickerbocker Ice Co.	May 1, 1878, to May 1, 1881.		300 per ann.	By Public Sale, April 22, 1878.
Pier at Bethune street (except reservation for Public Bath).	Decker & Rapp.	May 1, 1878, to May 1, 1881.		375	By Public Sale, March 14, 1878.
Pier at Jane street.	Decker & Rapp.	May 1, 1881, to May 1, 1884.		605 per ann.	By Public Sale, March 22, 1881.
Pier at Jane street.	Decker & Rapp.	May 1, 1878, to May 1, 1881.		895 per ann.	By Public Sale, March 14, 1878.
Pier at Horatio street.	Decker & Rapp.	May 1, 1881, to May 1, 1884.		1,250 per ann.	By Public Sale, March 29, 1881.
Pier at Horatio street.	William G. Schenck.	May 1, 1878, to May 1, 1881.		750 per ann.	By Public Sale, March 14, 1878.
Pier at Gansevoort street (with reservation to cancel, if required by new Public Market).	Consumers' Ice Co.	May 1, 1881, to May 1, 1884.		1,050 per ann.	By Public Sale, March 29, 1881.
Bulkhead north of Pier at Gansevoort street.	Daniel Shea.	May 1, 1879, to May 1, 1882.		1,500	By Public Sale, April 28, 1879.
Bulkhead north of Pier at Gansevoort street.	New York City Ice Co.	May 1, 1878, to May 1, 1881.		1,250 per ann.	By Public Sale, March 14, 1878.
Pier north of Bloomfield street.	New York City Ice Co.	May 1, 1881, to May 1, 1884.		2,000 per ann.	By Public Sale, March 22, 1881.
Bulkhead south of Pier at Little 12th street (except reservation for use of hydrant).	Felix Dougherty.	May 1, 1878, to May 1, 1881.		1,000 per ann.	By Public Sale, March 14, 1878.
Bulkhead south of Pier at Little 12th street (except reservation for use of hydrant).	Felix Dougherty.	May 1, 1881, to May 1, 1884.		1,000 per ann.	By Public Sale, April 8, 1881.
Pier at Little 12th street.	Drew & Bucki.	May 1, 1878, to May 1, 1881.		510 per ann.	By Public Sale, March 14, 1878.
Platform at Bulkhead south of 13th street.	Drew & Bucki.	May 1, 1881, to May 1, 1884.		800 per ann.	By Public Sale, March 22, 1881.
Bulkhead at 14th street.	Drew & Bucki.	May 1, 1878, to May 1, 1881.		750 per ann.	By Public Sale, April 15, 1878.
Bulkhead at 14th street (except reservation to cancel, if required for ferry).	Drew & Bucki.	May 1, 1881, to May 1, 1884.		1,400 per ann.	By Public Sale, March 22, 1881.
Pier at 15th street.	A. C. Cheney, President.	At pleasure of the Board.		500	By Resolution, November 1, 1876.
Pier at 15th street.	Mutual Benefit Ice Co.	May 1, 1878, to May 1, 1881.		500 per ann.	By Public Sale, March 14, 1878.
Pier at 16th street.	John J. McCook.	May 1, 1881, to May 1, 1884.		1,800 per ann.	By Public Sale, March 14, 1878.
Pier at 16th street.	A. C. Cheney.	May 1, 1878, to May 1, 1881.		905 per ann.	By Public Sale, March 22, 1881.
Pier at 16th street.	Mutual Benefit Ice Co.	May 1, 1881, to May 1, 1884.		1,500 per ann.	By Public Sale, March 22, 1881.
Pier at 17th street.	A. C. Cheney.	May 1, 1878, to May 1, 1881.		700 per ann.	By Public Sale, March 14, 1878.
Pier at 17th street.	Mutual Benefit Ice Co.	May 1, 1881, to May 1, 1884.		1,400 per ann.	By Public Sale, March 22, 1881.
Pier at 17th street.	Manhattan Gas-light Co.	May 1, 1878, to May 1, 1881.		2,000 per ann.	By Public Sale, March 14, 1878.
Pier at 17th street.	Manhattan Gas-light Co.	May 1, 1881, to May 1, 1884.		3,500 per ann.	By Public Sale, March 29, 1881.
Pier at 18th street.	Manhattan Gas-light Co.	May 1, 1878, to May 1, 1881.		2,000 per ann.	By Public Sale, March 14, 1878.
Pier at 18th street.	Manhattan Gas-light Co.	May 1, 1881, to May 1, 1884.		3,500 per ann.	By Public Sale, March 29, 1881.
Pier at 19th street.	D. C. Newell & Sons.	May 1, 1879, to May 1, 1882.		200 per ann.	By Public Sale, May 6, 1879. (Lease surrendered.)
Pier at 20th street.	Knickerbocker Ice Co.	May 1, 1876, to May 1, 1878.		1,505 per ann.	By Public Sale, April 21, 1876.
Extension to Pier at 20th street.	Knickerbocker Ice Co.	At pleasure of the Board.		250	By Resolution, November 26, 1879.
Extension to Pier at 22d street.	A. Van Santvoord.	May 1, 1876, to May 1, 1886.		1,410	By Public Sale, April 21, 1876.
Bulkhead at 23d street, with land under water covered by Ferry platform.	A. Van Santvoord.	June 20, 1876, to May 1, 1886.		250	By Resolution, May 10, 1876.
Platform north of Ferry at 23d street.	N. Y. Lake Erie & Western R. R. Co.	May 1, 1879, to May 1, 1881. (holding over).		500	By Public Sale, April 28, 1879.
Pier at 24th street.	Twenty-third street Railway Co.	At pleasure of the Board.		400	By Resolutions, May 2 and 15, 1877, and October 23, 1878.
Pier at 25th street.	C. T. Van Santvoord.	May 1, 1878, to May 1, 1881.		4,000 per ann.	By Public Sale, April 15, 1878.
Pier at 26th street.	C. T. Van Santvoord, Agent.	May 1, 1878, to May 1, 1881.		1,500	By Public Sale, March 14, 1878.
Pier at 26th street.	C. T. Van Santvoord, Agent.	May 1, 1878, to May 1, 1881.		750	By Public Sale, April 22, 1878.
Pier at 26th street.	Thomas Fitzpatrick.	May 1, 1878, to May 1, 1881.		1,800	By Public Sale, April 22, 1878.
Pier at 26th street.	N. Y. Central & Hudson R. R. Co.	Nov. 1, 1873, to Nov. 1, 1883.		5,000 per ann.	By Resolution, September 13, 1873.
Pier at 26th street.	Scott & Co.	May 1, 1878, to May 1, 1881.		3,020 per ann.	By Public Sale, March 14, 1878.
Pier at 26th street.	Scott & Co.	May 1, 1881, to May 1, 1884.		5,000 per ann.	By Public Sale, March 22, 1881.
Pier at 26th street.	Scott & Co.	May 1, 1880, to May 1, 1881.		3,850 for term.	By Public Sale, April 13, 1880, and Resolution May 19, 1880.
Pier at 26th street.	Scott & Co.	May 1, 1881, to May 1, 1884.		4,500 per ann.	By Public Sale, March 29, 1881.
Pier at 26th street.	James McClenahan.	May 1, 1878, to May 1, 1881.		1,500 per ann.	By Public Sale, April 15, 1878.
Pier at 26th street.	James McClenahan.	May 1, 1881, to May 1, 1884.		4,500 per ann.	By Public Sale, March 22, 1881.
Extension to Pier at 43d street.	Knickerbocker Ice Co.	At pleasure of the Board.		100	By Resolutions, September 25, and November 21, 1873.
Pier at 46th street.	John H. Benner.	Aug. 1, 1878, to May 1, 1881.		1,610 per ann.	By Public Sale, July 25, 1878.
Pier at 47th street (except reservation for dump).	Thomas Fitzpatrick.	May 1, 1878, to May 1, 1881.		750	By Public Sale, April 22, 1878.
Pier at 51st street.	Martin Karl.	May 1, 1878, to May 1, 1881.		1,500	By Public Sale, April 15, 1878.
Bulkhead at 52d street.	Canda, Kane & Dole.	May 1, 1879, to May 1, 1882.		365 per ann.	By Public Sale, April 28, 1879.
Pier at 55th street (except reservation south side).	Western Union Telegraph Co.	May 1, 1880, to May 1, 1881.		600 per ann.	By Public Sale, April 13, 1880.
Pier at 55th street (except reservation south side).	Western Union Telegraph Co.	May 1, 1881, to May 1, 1882.		1,000 per ann.	By Public Sale, March 29, 1881.
Pier at 57th street.	Frederick Schaefer.	May 1, 1880, to May 1, 1881.		2,075 per ann.	By Public Sale, April 13, 1880.
Pier at 57th street.	Frederick Schaefer.	May 1, 1881, to May 1, 1882.		3,350 per ann.	By Public Sale, March 22, 1881.
Site for Pier at 59th street.	N. Y. Central & Hudson R. R. Co.	Nov. 1, 1877, to Nov. 1, 1887.		1,000	By Resolutions, August 16, 1876, and November 7, 1877.
Land under water between 60th and 65th streets, (for erection of two piers).	N. Y. Central & Hudson R. R. Co.	Aug. 1, 1874, to Aug. 1, 1884.		5,000	By Resolution, June 22, 1874.
Land under water between south line of 65th and south line of 72d streets, westerly, to established pier line of 1868.	N. Y. Central & Hudson R. R. Co.	May 1, 1880, to May 1, 1890.		17,500	By Resolution, April 28, 1880.
Pier at 79th street (except reservation for City material).	Thomas Fitzpatrick (2d).	May 1, 1879, to May 1, 1882.		400	By Public Sale, March 13, 1879.
Pier at 96th street.	Theodore F. Tone.	May 1, 1878, to May 1, 1881.		115 per ann.	By Public Sale, April 15, 1878.
Pier at 129th street (except reservation for dump).	Theodore F. Tone.	May 1, 1878, to May 1, 1881.		250	By Public Sale, April 15, 1878.
Bulkhead between southerly line of 130th street and Pier at 131st street.	Mutual Benefit Ice Co.	May 1, 1881, to May 1, 1884.		560 per ann.	By Public Sale, March 22, 1881.
Bulkhead extension at 130th street (except reservation of water for Ferry).	Mutual Benefit Ice Co.	May 1, 1878, to May 1, 1881.		250 per ann.	By Public Sale, April 15, 1878.
Pier at 131st street and bulkhead northerly to retaining wall.	Theodore F. Tone.	May 1, 1881, to May 1, 1884.		300 per ann.	By Public Sale, March 29, 1881.
Pier at 131st street, bulkhead northerly to retaining wall, and bulkhead platform southerly (except reservation for Public Bath).	Theodore F. Tone.	June 1, 1878, to June 1, 1881.		750	By Public Sale, April 15, 1878.
Pier at 152d street.	Theodore F. Tone.	June 1, 1881, to June 1, 1884.		900	By Public Sale, March 29, 1881.
Pier at 152d street.	Theodore F. Tone.	May 1, 1878, to May 1, 1881.		25 per ann.	By Public Sale, March 14, 1878.
Pier at 152d street.	William D. Brown.	May 1, 1881, to May 1, 1884.		100 per ann.	By Public Sale, March 22, 1881.
East River.					
Bulkhead, etc., west of Pier 1.	Staten Island Railway Co.	Nov. 1, 1877, to Nov. 1, 1882.		4,200 per ann.	By Public Sale, October 25, 1877.
Pier 1 and 8 1/2 feet bulkhead easterly.	John H. Starin (Assignee).	May 1, 1874, to May 1, 1884.		10,000	By Resolution, January 19, 1874.
East half Pier 4, west half Pier 5, and Bulkhead between.	N. Y. Central & Hudson R. R. Co.	May 1, 1876, to May 1, 1886.		6,010	By Public Sale, March 7, 1876.
Platform at bulkhead between Piers 4 and 5, etc.	N. Y. Central & Hudson R. R. Co.	May 1, 1876, to May 1, 1886.		800	By Resolutions, May 10 and 16, and June 28, 1876.
East half Pier 5, west half Pier 6, and bulkhead between.	N. Y. Central & Hudson R. R. Co.	May 1, 1876, to May 1, 1886.		9,000	By Public Sale, March 7, 1876.

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.		RIGHT OF TENANCY.
			Leases, etc., Terminated.	Leases, etc., in force on and after May 1, 1881.	
East half Pier 6 and bulkheads adjoining.	John H. Starin.	May 1, 1878, to May 1, 1886		\$5,600 per ann.	By Public Sale, April 15, 1878, and Resolution February 12, 1879.
Pier 7 (except reservation of right to fill in).	N. Y. Lake Erie & Western R. R. Co.	May 1, 1878, to May 1, 1881	\$5,000 per ann.		By Public Sale, April 22, 1878.
West half Pier 8 and bulkheads adjoining (except reservation of right to fill in).	N. Y. Lake Erie & Western R. R. Co.	May 1, 1881, to May 1, 1884		9,000 per ann.	By Public Sale, March 22, 1881.
West half Pier 8 and bulkheads adjoining (except reservation of right to fill in).	Erie Railway Co. (Assignee)	Feb. 1, 1876, to May 1, 1881	6,000 per ann.		By Public Sale, January 25, 1876.
West half Pier 12 and bulkhead adjoining.	N. Y. Lake Erie & Western R. R. Co.	May 1, 1881, to May 1, 1884		9,000 per ann.	By Public Sale, March 22, 1881.
East half Pier 18, except outer end.	David Whipple (Assignee)	May 1, 1878, to May 1, 1881	3,855 per ann.		By Public Sale, March 14, 1878, and Resolution Nov. 6, 1878.
Bulkhead and platform between Piers 18 and 19.	William D. Morgan.	May 1, 1879, to May 1, 1884		4,000 per ann.	By Public Sale, March 13, 1879.
Bulkhead and platform between Piers 18 and 19.	John E. Stow (Assignee)	May 1, 1878, to May 1, 1881	250 per ann.		By Public Sale, April 15, 1878, and Resolution, May 29, 1878.
West half Pier 19.	John E. Stow.	May 1, 1881, to May 1, 1884		50 per ann.	By Public Sale, March 22, 1881.
Platform south of Pier 20.	Alexander Mason.	May 1, 1878, to May 1, 1881	4,500 per ann.		By Public Sale, March 14, 1878.
East half Pier 20.	C. H. Mallory & Co.	At pleasure of the Board.		200 per ann.	By Resolution, March 27, 1878.
Bulkhead between Piers 20 and 21.	C. H. Mallory & Co.	Aug. 15, 1878, to Aug. 15, 1883		5,000 "	By Public Sale, March 14, 1878.
West half Pier 21.	Henry H. Huelat.	May 1, 1879, to May 1, 1882		2,500 "	By Public Sale, March 13, 1879.
West half Pier 21.	Thomas O'Rourke.	May 1, 1878, to May 1, 1881	3,000 per ann.		By Public Sale, March 14, 1878.
One-half of east half Pier 22, one-half of west half Pier 23, bulkhead between, and appurtenances.	C. H. Mallory & Co.	May 1, 1881, to May 1, 1886		5,200 per ann.	By Public Sale, March 22, 1881.
Outer half east side Pier 23.	Fulton Market Fishmongers' Association.	May 1, 1879, to May 1, 1889		6,500 "	By Public Sale, March 18, 1879.
Outer half west side Pier 23.	Morrisania Steamboat Co.	May 1, 1879, to May 1, 1882		1,500 "	By Public Sale, March 13, 1879.
East half Pier 24 and half bulkhead adjoining.	John H. Lynch.	June 1, 1879, to June 1, 1882		2,125 "	By Public Sale, March 13, 1879.
East half Pier 24 and half bulkhead adjoining.	Hartford and New York Steamboat Co.	May 1, 1876, to May 1, 1881	5,710 per ann.		By Public Sale, March 7, 1876.
West half Pier 25 and half bulkhead adjoining.	Hartford and New York Steamboat Co.	May 1, 1881, to May 1, 1886		6,500 per ann.	By Public Sale, March 29, 1881.
West half Pier 25 and half bulkhead adjoining.	New Haven Steamboat Co.	May 1, 1876, to May 1, 1881	5,510 per ann.		By Public Sale, March 7, 1876.
East half Pier 25, west half Pier 26, and bulkhead between.	New Haven Steamboat Co.	May 1, 1881, to May 1, 1886		6,500 per ann.	By Public Sale, March 29, 1881.
Bulkhead and slips east of wharf property of the Bridge Company at Roosevelt street.	New York Ferry Co.	May 1, 1879, to May 1, 1884		4,500 "	By Public Sale, March 13, 1879.
East half Pier 31, west half Pier 32, and bulkhead between.	East River Ferry Co.	June 14, 1878, to Nov. 1, 1882		10,000 "	By Public Sale, June 14, 1878.
East half Pier 33, west half Pier 34, and bulkhead between.	East River Ferry Co.	May 1, 1878, to May 1, 1883		2,500 "	By Public Sale, April 19, 1878.
East half Pier 33, west half Pier 34, and bulkhead between.	Phiadelphia and New York Steam Navigation Co.	May 1, 1876, to May 1, 1881	10,110 per ann.		By Public Sale, March 7, 1876.
Platform between Piers 35 and 36.	Thomas Clyde.	May 1, 1881, to May 1, 1886		13,000 per ann.	By Public Sale, March 29, 1881.
Widening east side and extension Pier 36.	S. F. Shortland & Brother.	At pleasure of the Board.		50 "	By Resolution, May 2, 1877.
Pier 37 and part bulkheads adjoining (except reservation for dump).	Geo. H. Penniman.	Nov. 1, 1878, to May 1, 1889		700 "	By Public Sale, December 16, 1878.
Pier 38 and half bulkhead westerly.	Central Vermont R. R. and S. B. Co.	May 1, 1880, to May 1, 1883		4,000 "	By Public Sale, April 13, 1880.
Platform between Piers 38 and 39.	Maine Steamship Co.	May 1, 1876, to May 1, 1881		7,510 "	By Public Sale, March 7, 1876, and Resolution, May 11, 1881.
Pier 40 and half bulkhead easterly.	Peter Charles.	At pleasure of the Board.		400 "	By Resolution, June 16, 1875.
Pier 40 and half bulkhead easterly.	Frank and Howard Phelps.	May 1, 1877, to May 1, 1882		5,010 "	By Public Sale, March 12, 1877.
Platform east of Pier 40.	Frank Phelps.	May 1, 1882, to May 1, 1887		9,000 "	By Public Sale, March 29, 1881.
Pier 41 and part bulkhead each side.	Phelps Brothers & Co.	Feb. 1, 1879, to May 1, 1882		100 "	By Resolution, December 7, 1878.
One-ninth part Pier 42.	Inland and Seaboard Coasting Co.	May 1, 1879, to May 1, 1884		5,500 per ann.	By Public Sale, July 25, 1878.
Pier 43, except inner half west side.	William F. Buckley.	May 1, 1879, to May 1, 1882		250 "	By Public Sale, March 13, 1879.
Pier 43, except inner half west side.	Joseph Cooper.	May 1, 1878, to May 1, 1881	2,500 per ann.		By Public Sale, April 15, 1878.
Pier 44 and bulkhead westerly.	Frederick W. Wright.	May 1, 1881, to May 1, 1884		3,500 per ann.	By Public Sale, March 22, 1881.
Pier 44 and bulkhead westerly.	Alexander Mason.	May 1, 1878, to May 1, 1881	4,700 per ann.		By Public Sale, April 15, 1878.
Pier 46.	Alexander Mason.	May 1, 1881, to May 1, 1884		7,000 per ann.	By Public Sale, March 29, 1881.
Pier 46.	Joseph V. Brown.	May 1, 1878, to May 1, 1881	5,600 per ann.		By Public Sale, April 15, 1878.
Pier 48.	William Coverly.	May 1, 1881, to May 1, 1884		7,500 per ann.	By Public Sale, March 22, 1881.
Platform between Piers 49 and 50.	Thomas C. Starch Manufacturing Co.	May 1, 1876, to May 1, 1881	4,300 per ann.		By Public Sale, March 22, 1881.
Platform at bulkhead south of Pier 50.	Glen Cove Starch Manufacturing Co.	At pleasure of the Board.		2,000 per ann.	By Public Sale, March 7, 1876.
Platform between Piers 50 and 51.	New York, New Haven & Hartford R. R. Co.	At pleasure of the Board.		4,000 "	By Resolution, November 22, 1880.
East half Pier 51, west half Pier 52, and bulkhead, etc., between (except reservation for bath at Pier 51).	Harlem River & Port Chester R. R. Co.	At pleasure of the Board.		2,500 "	By Resolution, May 26, 1880.
Bulkhead at Corlears street.	Joseph V. Brown.	May 1, 1879, to May 1, 1882		1,000 "	By Public Sale, March 13, 1879.
South half Pier 55 (except outer end, and about 54 feet bulkhead adjoining).	Ezra Quimby.	May 1, 1879, to May 1, 1882		100 "	By Public Sale, April 28, 1879.
North half Pier 56, south half Pier 57, and bulkhead between.	East River Bathing Co.	Nov. 1, 1879, to Nov. 1, 1882		800 "	By Public Sale, April 28, 1879.
South half Pier 58 and half bulkhead adjoining.	William H. Wood.	May 1, 1879, to May 1, 1882		1,500 "	By Public Sale, March 13, 1879.
South half Pier 59 and half bulkhead adjoining.	Carl Smith & Son.	June 1, 1878, to June 1, 1881		1,000 "	By Public Sale, March 14, 1878.
Bulkhead (188 feet) on Tompkins street, north of Rivington street.	Knickerbocker Ice Company.	May 1, 1878, to June 1, 1881, and one month's notice.		1,000 "	By Public Sale, March 14, 1878, and Resolution, March 30, 1881.
Pier 60 and bulkhead westerly, from north side to Tompkins street.	Joseph V. Brown.	May 1, 1880, to May 1, 1883		500 "	By Public Sale, April 13, 1880.
Pier 60 and bulkhead westerly, from north side to Tompkins street.	Joseph V. Brown.	May 1, 1878, to May 1, 1881	1,850 per ann.		By Public Sale, March 14, 1878.
Pier 61 and 55 feet bulkhead northerly (except reservation for dump (part unpossessed)).	Joseph Cooper.	May 1, 1881, to May 1, 1884		2,750 per ann.	By Public Sale, March 22, 1881.
Pier 61 and 55 feet bulkhead northerly (except reservations for night-soil boat and dump).	Isaac Fowler.	May 1, 1878, to May 1, 1881	875 per ann.		By Public Sale, March 14, 1878, and Comptroller, Jan. 17, 1880.
North half Pier 62.	Benjamin Wright.	May 1, 1881, to May 1, 1884		1,000 per ann.	By Public Sale, March 22, 1881.
North half Pier 62.	Mutual Benefit Ice Company.	May 1, 1878, to May 1, 1881	600 per ann.		By Public Sale, April 15, 1878.
Bulkhead, etc., at and south of Houston street.	Mutual Benefit Ice Company.	May 1, 1881, to May 1, 1884		2,000 "	By Public Sale, March 22, 1881.
Site for Pier 130 feet south of Houston street.	Nassau Ferry Co.	Nov. 1, 1878, to May 1, 1894		(for first 5 years) 300 per ann.	By Public Sale, December 16, 1878.
Berth for bath at pier at 3d street.	East River Bathing Co.	Season of 1880.		400 for term	By Resolution, January 8, 1879.
Berth at pier at 3d street.	John A. Cooley.	Season of 1880.		150 for term	By Commissioners, August 22, 1879, etc.
Pier at 5th street (except reservations for bath and dump).	Joseph V. Brown.	May 1, 1879, to May 1, 1882		800 per ann.	By Commissioners.
Bulkhead at 14th street.	Manhattan Gas-light Co.	May 1, 1878, to May 1, 1881	600 per ann.		By Public Sale, March 13, 1879.
Bulkhead at 14th street.	Daniel Dailey.	May 1, 1881, to May 1, 1884		550 per ann.	By Public Sale, March 14, 1878.
Bulkhead at 15th street.	Manhattan Gas-light Co.	May 1, 1878, to May 1, 1881	600 per ann.		By Public Sale, March 14, 1878.
Bulkhead at 15th street.	Manhattan Gas-light Co.	May 1, 1881, to May 1, 1884		900 per ann.	By Public Sale, March 22, 1881.
Bulkhead at 20th street.	Farmers' Protective Union.	May 1, 1879, to May 1, 1882		425 "	By Public Sale, March 13, 1879.
Pier at 23d street (except reservations of outer end and berth for School-ship).	N. Y. and Manhattan Beach Railway Co.	May 1, 1879, to May 1, 1882		2,850 "	By Public Sale, March 13, 1879.
Bulkhead north of 23d street.	Greenpoint Ferry Co.	Aug. 1, 1877, to Aug. 1, 1882		2,501 "	By Public Sale, October 11, 1877.
Bulkhead south of 24th street, north of Ferry premises.	Joseph V. Brown.	June 1, 1878, to June 1, 1881		600 "	By Public Sale, April 15, 1878.
Bulkhead south of 24th street, north of Ferry premises.	Greenpoint Ferry Co.	June 1, 1881, to June 1, 1891		4,100 "	By Public Sale, March 22, 1881.
Pier at 25th street.	Edwin L. Carpenter.	May 1, 1879, to May 1, 1882		1,190 "	By Public Sale, April 28, 1879.
Pier at 28th street.	Thomas Fitzpatrick.	May 1, 1879, to May 1, 1882	1,100 per ann.		By Public Sale, March 13, 1879.
Pier at 28th street.	Joseph V. Brown.	May 1, 1881, to May 1, 1884		1,000 per ann.	By Public Sale, March 29, 1881.
Bulkhead at 29th street.	Mark Goodwin.	May 1, 1880, to May 1, 1881	200 per ann.		By Public Sale, April 13, 1880.
Bulkhead at 30th street.	Oscar E. Hawhurst.	May 1, 1880, to May 1, 1881	200 "		By Public Sale, March 22, 1881.
Pier at 31st street.	Edward Dexter.	May 1, 1881, to May 1, 1884		250 per ann.	By Public Sale, March 22, 1881.
Pier at 33d street, except outer end.	Joseph V. Brown.	May 1, 1878, to May 1, 1881	900 per ann.		By Public Sale, March 29, 1878.
Outer end Pier at 33d street.	Knickerbocker Ice Co.	May 1, 1878, to May 1, 1881		2,250 "	By Public Sale, March 14, 1878.
South half and outer end Pier at 33d street.	L. I. North Shore Passenger and Freight Trans. Co.	At pleasure of the Board.		50 per mo.	By Commissioners, April 1, 1879.
North half Pier at 33d street (except reservation of outer end).	Knickerbocker Ice Co.	May 1, 1881, to May 1, 1886		1,500 per ann.	By Public Sale, March 29, 1881.
Bulkhead at 34th street.	East River Ferry Co.	May 1, 1881, to May 1, 1891		1,000 "	By Public Sale, May 27, 1880.
Bulkhead at 35th street.	Garret L. Schuyler.	Nov. 1, 1877, to Nov. 1, 1882		2,000 "	By Public Sale, September 6, 1877.
Bulkhead at 35th street.	Garret L. Schuyler.	May 1, 1880, to May 1, 1881	200 per ann.		By Public Sale, April 13, 1880.
Bulkhead at 36th street.	Popham & Co.	May 1, 1881, to May 1, 1882	250 per ann.		By Public Sale, March 29, 1881.
Pier at 37th st. (except reservation for Public Bath).	Popham & Co.	May 1, 1880, to May 1, 1881	400 per ann.		By Public Sale, April 13, 1880.
Pier at 37th st. (except reservation for Public Bath).	John Nesbit.	May 1, 1878, to May 1, 1881	500 per ann.		By Public Sale, March 14, 1878.
Pier at 38th street (except reservation for dump).	Daniel T. Robertson.	May 1, 1881, to May 1, 1884		800 per ann.	By Public Sale, March 22, 1881.
Pier at 38th street (except reservation for dump).	Isaac Fowler.	May 1, 1878, to May 1, 1881	400 per ann.		By Public Sale, April 15, 1878.
Bulkhead at 39th street.	Benjamin Wright.	May 1, 1881, to May 1, 1884		600 per ann.	By Public Sale, March 22, 1881.
Bulkhead at 42d street.	Watrous & Wilson.	May 1, 1879, to May 1, 1881	150 per ann.		By Public Sale, April 28, 1879.
Bulkhead at 43d street.	Truman Eldridge.	May 1, 1881, to May 1, 1882		300 per ann.	By Public Sale, April 8, 1881.
Extension to bulkhead at 45th st. (for stone dump).	Michael Kane.	Sept. 1, 1879, to Sept. 1, 1881		200 "	By Public Sale, April 28, 1879.
Bulkhead at 47th street.	Schwarzchild & Sulzberger.	May 1, 1879, to May 1, 1882		100 "	By Public Sale, March 13, 1879.
Bulkhead at 47th street.	Owens & Co.	May 1, 1879, to May 1, 1881	675 per ann.		By Public Sale, May 6, 1879.
Bulkhead at 48th street.	Owens & Co.	May 1, 1881, to May 1, 1884		300 per ann.	By Public Sale, March 22, 1881.
Bulkhead at 48th street.	Thomas B. Tweddle.	May 1, 1878, to May 1, 1881	150 per ann.		By Public Sale, March 29, 1881.
Bulkhead and stone dump at 49th street.	Geo. W. Powe & Co.	May 1, 1881, to May 1, 1882		400 per ann.	By Public Sale, April 28, 1879.
Bulkhead at 51st street.	John H. Benner.	May 1, 1881, to May 1, 1882	300 per ann.		By Public Sale, April 8, 1881.
Site for Pier at 51st street.	Charles H. Longstreet (Assignee).	July 1, 1877, to July 1, 1887		305 per ann.	By Public Sale, June 6, 1877, and Resolution, August 7, 1878.
Pier at 53d street.	Morrisania Steamboat Co.	Dec. 1, 1878, to July 1, 1887		50 "	By Resolution, December 10, 1877.
Pier at 54th street.	Charles H. Eldridge and C. H. Warren.	Dec. 1, 1878, to May 1, 1882		600 per ann.	By Public Sale, July 25, 1878, and Resolution, April 2, 1879.
Site for bulkhead between 56th and 57th streets.	Mutual Benefit Ice Co.	May 1, 1879, to May 1, 1882		500 "	By Public Sale, March 13, 1879.
Site for platform, etc., north of 62d street.	Schmitt & Koehne.	At pleasure of the Board.		50 "	By Resolution, April 27, 1877.
Site for platform, etc., south of 63d street.	Jabez A. Bostwick.	At pleasure of the Board.		200 "	By Resolutions, March 20 and December 24, 1878.
Site for platform, etc., south of 63d street.	John Fagan.	At pleasure of the Board.		75 "	By Resolution, September 15, 1875.
Site for bulkhead between 63d and 64th streets.	Ehrenreich Brothers.	At pleasure of the Board.		100 "	By Resolutions, April 24 and December 24, 1878.
Site for bulkhead at 74th street.	Neidinger, Schmidt & Co.	June 1, 1874, to June 1, 1884		250 "	By Resolution, May 28, 1874.
Pier at 79th street.	Neidinger, Schmidt & Co.	May 1, 1874, to May 1, 1884		50 "	By Resolution, February 12, 1874.
Pier at 79th street.	Thomas Patten.	At pleasure of the Board.		100 "	By Resolution, November 21, 1877.
Site for platform between 79th and 80th streets.	Frank E. Wise.	May 1, 1878, to May 1, 1881	350 per ann.		By Public Sale, April 22, 1878.
Pier or bulkhead at 86th street.	Frank E. Wise.	May 1, 1878, to termination of occupancy of upland.		975 per ann.	By Public Sale, March 22, 1881.
Pier or bulkhead at 86th street.	Murphy & Nesbit.	May 1, 1878, to termination of occupancy of upland.		100 "	By Resolution, May 3, 1878.
Bulkhead at 92d street, and wharf property at Fulton street, Astoria.	John H. Baxter.	May 1, 1880, to May 1, 1881	300 per ann.		By Public Sale, April 13, 1880.
Bulkhead at and south of 93d street.	John H. Baxter.	May 1, 1881, to May 1, 1884		700 per ann.	By Public Sale, March 22, 1881.
Bulkhead at and south of 93d street.	Astoria Ferry Co.	Nov. 1, 1877, to Nov. 1, 1882		250 "	By Public Sale, July 12, 1878.
Bulkhead at and south of 93d street.	Thomas Patten.	May 1, 1880, to May 1, 1881	500 per ann.		By Public Sale, April 13, 1880.
Bulkhead at and south of 93d street.	Thomas Patten.	May 1, 1881, to May 1, 1884		800 per ann.	By Public Sale, March 22, 1881.
Pier or Platform at 120th street.	Harlem & N. Y. Navigation Co.	May 1, 1879, to May 1, 1882		400 per ann.	By Public Sale, March 13, 1879.
Berth for float, north side Pier at 125th street.	Edward McGrath and Robert H. Smith.	At pleasure of the Board.		25 per qr.	By Resolution, April 24, 1878.
Right to moor floats at steps, each end Third Avenue Bridge.	Adolph L. Kerker.	May 1, 1878, to May 1, 1881	1,200 per ann.		By Public Sale, March 14, 1878.

REPORT OF THE ENGINEER-IN-CHIEF.

DEPARTMENT OF DOCKS, 117 AND 119 DUANE STREET,
OFFICE OF THE ENGINEER-IN-CHIEF,
NEW YORK, May 1, 1881.

EUGENE T. LYNCH, Esq., Secretary of the Board of Docks:

SIR—I have the honor to submit for the consideration of the Board of Commissioners governing this Department, the following report of the several works under my supervision during the year ending April 30, 1881:

NORTH RIVER.

Sections South of Canal Street.

Battery Section.—Embracing the boat landing, Pier, new 1, North river, and about 80 feet of bulkhead north of Pier, new 1.

Some repairs have been made to the boat landing, grass seed [has been sown upon the land facing it, and sundry repairs have been made to fender piles upon the pier.

The lease of Pier, new 1, was sold at auction March 22, 1881, to the Iron Steamboat Company, and under permit from the Board, the company is engaged in building a two-storied wooden shed upon the pier.

Chambers Street Section.—Extending from the north side of Pier, old 29, to 91.70 feet north of the north side of Pier, new 21, a distance of 651.70 feet.

Length of piling for the year.....	245.77 feet; to date, 607.50 feet.
“ base blocks for the year.....	243.69 “ “ 603.42 “
“ “E” course of granite for the year.....	158.32 “ “ 492.25 “
Equivalent length of completed wall for the year.....	229.40 “ “ 589.40 “

Work upon this section has been continued during the year, and the wall is virtually completed to the north side of Pier, new 21, with the exception of placing the coping between Piers, new 20 and new 21, in case it should be desired by the lessee. The brick sewer through the wall at the middle of Pier, new 21, is not finished, and some work remains to be done upon the sewer-box between the wall and the old wooden bulkhead of West street. Filling behind the wall began April 16, and the whole should be ready for use in about two months.

Pier, new 21.—The building of this large pier was let, by contract, to Messrs. Ross and Sanford, May 12, 1880, and it is now very nearly finished. The New York, Lake Erie and Western Railroad Company, the lessee, is building a shed upon the pier, which is well advanced toward completion.

The Bureau of Sewers of the Department of Public Works, having planned an outlet for the marginal sewer to be built along West street, at the foot of Duane street, where Pier, new 21, is situated, a brick sewer was built through the masonry of the wall, and as far in the rear of the masonry as the rip-rap embankment extends, and a wooden tube was built under the pier from the brick sewer in the wall to the outer end of the pier, to convey the sewage to the outer end of the pier. The form of this tube is oval, with the longest diameter horizontal. It is built of three-inch creosoted spruce, banded with heavy galvanized iron every three feet, and is securely braced and fastened where it passes through the transverse rows of the piles. This sewer-box is an improvement upon that built under Pier, new 40, in 1879, in that its shape offers much less resistance to the current and to the passage of floating substances.

The dredging for the North Moore street section, extending from a point about halfway between North Moore street and Franklin street, to a point about 21 feet south of the south side of Pier, new 26, is ready to be begun. It is intended, in this vicinity, to build the wall at Lighthouse street southerly to meet the Beach street section, and to build the North Moore street section of wall southerly from the Beach street section as above. When this is completed, there will be left a gap between it and the Chambers street section of about 800 feet, to be built as the next work south of Canal street.

Beach Street Section.—Extending from 21 feet south of the south side of Pier, new 26, to 95 feet north of the north side of Pier, new 26, a distance of 196 feet.

Length of piling for the year.....	147.00 feet; to date, 172.00 feet.
“ base blocks for the year.....	168.83 “ “ 168.83 “
“ “E” course of granite for the year.....	121.02 “ “ 121.02 “
Equivalent length of completed wall for the year.....	138.90 “ “ 167.90 “

The wall at this section, for which only the dredging and a few feet of piling had been done at the date of my last annual report, has been finished for the width of Pier, new 26, the filling placed behind it, and the usual plank roadway built between the pavement of West street and Pier, new 26.

Pier, new 26.—This pier is finished, and the Old Dominion Steamship Company, the lessee, is already in occupation and has nearly completed a shed upon it.

Lighthouse Street Section.—Extending from 95 feet north of the north side of Pier, new 26, to about 35 feet south of the south side of Pier, old 39, a distance of 430.67 feet.

Length of piling for the year.....	17.40 feet; to date, 17.40 feet.
Equivalent length of completed wall for the year.....	56.20 “ “ 56.20 “

Dredging for the wall at this section was begun in October last, the part of the shed on Pier, old 38, which stood upon the foundations of the old “North Fort,” has been removed and the foundations of the old crib work have been partially removed by dredging. Rip-rap and cobble stone filling has been put in and the piling begun. Dredging upon a part of the site of Pier, new 28, has also been done, and the work is now being continued.

Sections North of Canal Street.

Canal Street Section.—Extending from about the centre of the slip between Piers, old 41 and old 42, to 2.14 feet north of south side of Pier, new 35, a distance of about 441.20 feet.

Length of “E” course of granite.....	334.95 feet.
Equivalent length of completed wall.....	373.89 “

No work upon this section has been necessary, except repairs of the temporary plank roads over the filling in rear of the wall, which have been kept in good order.

Spring Street Section.—Extending from 2.14 feet north of the south side of Pier, new 35, to 80 feet north of the north side of Pier, new 35, a distance of 139.92 feet.

Length of piling for the year.....	0.00 feet; to date, 139.92 feet.
“ base blocks for the year.....	0.00 “ “ 139.92 “
“ “E” course of granite for year.....	54.98 “ “ 139.92 “
Equivalent length of completed wall for the year.....	14.18 “ “ 139.92 “

The wall at this section has been completed to its junction with Charlton street section and filled put in behind it. The inner end of Pier, old 43, behind the wall, has been removed and the filling put in, and a plank roadway laid over it to Pier, new 35.

Charlton Street Section.—Extending from 80 feet north of the north side of Pier, new 35, to 28.05 feet north of the north side of Pier, new 37, a distance of 406.74 feet.

Length of piling for the year.....	1.22 feet; to date, 406.74 feet.
“ base blocks for the year.....	1.22 “ “ 406.74 “
“ “E” course of granite for the year.....	265.92 “ “ 406.74 “
Equivalent length of completed wall for the year.....	73.24 “ “ 406.74 “

The wall at this section has been completed, the filling placed behind it and a temporary plank roadway built over it to Pier, new 36. A brick sewer was carried through the wall at about the middle of Pier, new 36, and a sewer box of creosoted wood, built under Pier, new 36, similar to that described for Pier, new 21, was connected with it.

Pier, New 36.—This pier was built by Messrs. Ross & Sanford, contractors, and was finished April 20, 1881. It is 75 feet wide by 590 feet long. The Inman Steamship Company, lessee, has in process of construction upon the pier a two-storied shed, which will probably be ready for occupancy about July 1.

Old King Street Section.—Extending from 28.05 feet north of the north side of Pier, new 37, to 7.04 feet south of the south side of Pier, new 38, a length of 148.41 feet of wall, built and completed.

The wall at this section was completed at date of my last report, and no work has been necessary at the section during the past year.

New King Street Section.—Extending from 7.04 feet south of the south side of Pier, new 38, to 32.37 feet north of the north side of Pier, new 38, a length of 114.49 feet of wall, built and completed.

No work has been done upon this section beyond repairs to and maintenance of the plank roadway over the filling in rear of wall.

Pier, new 38, is leased by the Williams & Guion Steamship Line, and no work has been done upon it by the Department.

Lower Clarkson Street Section.—Extending from 32.37 feet north of the north side of Pier, new 38, to 4.72 feet south of the south side of Pier, new 39, a length of 152.91 feet of wall, built and completed.

No work has been done upon this section.

Houston Street Section.—Extending from 4.72 feet south of the south side of Pier, new 39, to 30.09 feet north of the north side of Pier, new 39, a length of 109.89 feet of wall, built and completed.

No work has been done upon this section, except the repairing and maintaining of the plank roadway over the filling.

Pier, new 39, is occupied by its lessee, the National Steamship Company, and no work has been done upon it by the Department.

Upper Clarkson Street Section.—Extending from 30.09 feet north of the north side of Pier, new 39, to 55.40 feet south of south side of Pier, new 40, a length of 102.51 feet of wall built and completed.

No work has been done upon this section during the year.

Leroy Street Section.—Extending from 55.40 feet south of the south side of Pier, new 40, to 25.94 feet south of the south side of Pier, new 42, a length of 561.46 feet of wall, built and completed.

The Bureau of Sewers of the Department of Public Works has removed the old timber placed over the old Clarkson street sewer, and built a new brick marginal sewer in its place, with its outlet through the box sewer under Pier, new 40, described in my report of 1879.

The plank roadways to Piers, new 40 and new 41, have been kept in order.

Pier, new 40.—In November and December last the Central Railroad Company of New Jersey removed all the racks, platforms, sheds and other structures built for a ferry in 1876, except about 47½ feet of the shed and platform nearest to the wall. This gave opportunity to dredge on the north side of Pier, new 40, and to finish driving the bracing piles, fenders, etc., which had been omitted in building the pier in 1879, on account of the ferry structure, and under the order of the Board, dated December 18, 1880. This has been done, and Pier, new 40, is now used on both sides by the Cunard Steamship Company.

Pier, new 41.—As stated in my last report, the Board ordered this pier to be altered and rebuilt April 7, 1880. The Citizens' Steamboat Company of Troy, was, however, permitted to use part of the pier for the remainder of the season of 1880, and the contractor, Mr. I. Eugene White, began the work of tearing up the old part of the pier, November 5, 1880. The dredging upon the site of the new pier was greatly delayed by the unusual cold and ice of the past winter; but the work is now so well advanced as to leave no doubt that it will be completed by the date required by the contract, September 4, 1881.

Morton Street Section.—Extending from 25.94 feet south of the south side of Pier, new 42, to 50.39 feet north of the north side of Pier, new 42, a length of 151.33 feet of wall, built and completed.

No work has been done upon this section, except that the plank roadway has been repaired and maintained, and a small amount of filling received and distributed.

Pier, new 42.—This pier is leased to and occupied by the Compagnie Generale Transatlantique, and no work has been done upon it by the Department. The slip between Piers, new 42 and new 43 (the latter held by the Department as a “shifting pier”), having filled up with mud, so that it was difficult for use by large vessels, a contract was made jointly by the lessee of Pier, new 42, and the Department, with Mr. C. H. Loomis, to dredge the same. The work has not been entirely completed, on account of the slip having been occupied by vessels to such an extent as to prevent the full depth being excavated.

Christopher Street Section.—Extending from 50.39 feet north of the north side of Pier, new 42, to about the north side of Pier, new 47, a distance of about 1,114.80.

Length of piling to date.....	1,114.80 feet.
Length of base blocks to date.....	1,114.80 “
Length of “E” course of granite to date.....	1,095.22 “
Length of wall completed to date.....	1,095.22 “
Equivalent length of completed wall to date.....	1,111.51 “

Sundry repairs have been made to the roadways over the filling to the various piers, and to the shed on Pier, new 43, the Department's “shifting pier;” the sides of this shed have also been painted.

The aggregate length of wall of these sections north of Canal street, is, on top, 3,316.61 feet, in one continuous stretch. The filling behind this wall is completed for a distance, from the south end of Canal street section, of 2,860 feet northwardly. A length of 456 feet of the northerly end of the wall has not been filled in, in order to leave the water space known as the “Oyster Basin.” The Bureau of Sewers, of the Department of Public Works, is now building a marginal sewer between Charlton street and West Tenth street, and as soon as it is completed, the greater part of the reclaimed land north of Canal street will be ready for paving.

West Twenty-Third Street Section.—Extending from Twenty-third street to Thirtieth street, North river.

The borings referred to in my last report, were continued between Twenty-third street and Twenty-eighth street. Test piles were also driven and weighted, first with 34,000 pounds, and afterwards with 46,000 pounds, per pile. These piles were driven without support, other than the mud about them. They showed no vertical movement under the heavy weight imposed, which was about twice as great as they will have to carry in the wall, but did show some tendency to bend. On the second day after the weight of 46,000 pounds was placed upon them, the waves made by a passing steamboat imparted motion to the piles and their weights, and two of the three piles were broken, and the third was split, and the weights fell into the water.

Enough information had, however, been obtained to determine a judgment that the piles would be safe enough to bear the vertical strain that would come upon them in the wall.

Further tests of the bottom were also made by placing a layer of rip-rap stone within a small coffer-dam, 4 feet square upon the inside, and resting upon the bottom, after removal of the mud to a depth of 30 feet below mean low-water mark. The weight per square foot at first was about 1,500 pounds per square foot, but afterwards was gradually increased to about 4,000 pounds, under which strain the total settlement was less than 18 inches in thirty days. A part of this was, of course, due to the penetration of the stone in the mud, and for the last two days no settlement was observed. The experiment was terminated by the yielding of the fulcrum used to apply the strain.

The borings having shown that the mud bottom was similar to that at the north end of the Christopher street section, the results obtained there were also considered in determining the matter, and after careful consideration the conclusion was reached that the wall could be built by using piles of from 80 to 85 feet in length, with entire confidence in its permanency, and with only such slight settlement as would be inconsequential. On the 27th October, 1880, orders were received from the Board to proceed with the dredging for the site of the wall, and up to date, 75,915 cubic yards of mud have been removed; the old piers at foot of West Twenty-fourth street and West Twenty-fifth street were cut through in December last; stone fillings of all kinds has been placed, to the amount of 6,753 cubic yards, 518 piles have been driven, 14 transverse caps and 240 feet of longitudinal caps placed, and 6 base blocks of the wall set. The work was very much delayed during the winter, by the unusual amount of ice, and the severity of the season, but it is now making good progress.

Pier, new 54.—Near the foot of West Twenty-fourth street. This pier was begun under a contract with Mr. John Gillies, dated December 22, 1880. The outer part of the old pier at foot of West Twenty-fourth street was removed, and the site of the new pier dredged to the depth of twenty-five feet below mean low-water mark, and the contractor has driven 435 vertical piles and 11 bracing piles.

Pier, new 55.—Near the foot of West Twenty-fifth street. A contract for building this pier was made with Messrs. Holmes Brothers, February 18, 1881, and the outer part of the old pier at foot of West Twenty-fifth street has been removed, the dredging on the site of the new pier is nearly finished, and orders to proceed with the construction of the pier will shortly be given.

Pier, new 56.—Near the foot of West Twenty-sixth street. A contract for removing the old pier at foot of West Twenty-sixth street, and building Pier, new 56, was made with Messrs. Ross & Sanford, March 1, 1881. The dredging for this pier is not yet completed, although good progress with it has been made.

Pier, new 57.—Between the foot of West Twenty-seventh street, and the foot of West Twenty-eighth street. Plans and specifications for building this pier are being made.

These piers, new 54, new 55, new 56, and new 57, are all to be eighty feet wide by five hundred and twelve feet long, and will have slips two hundred feet wide between them.

Sixty-fifth Street to Seventy-second Street, North River.—Under permit from the Board of Docks, dated April 28, 1880, the New York Central and Hudson River Railroad Company have been at work upon an extensive improvement at this place, consisting of a timber bulkhead extending from the present bulkhead at the foot of Sixty-fifth street to the southerly side of Seventy-second street, and then returning to the shore on the southerly line of Seventy-second street. Several hundred feet of this bulkhead have been completed, and filling behind it has been begun. The whole work will soon be finished, and the filling will be completed, probably, in the coming autumn.

EAST RIVER.

Pier 12, East river.—One-half of this pier is owned by the city, and the other half by private parties. A contract was made by the private owners and the Department jointly, on February 28, with Mr. Warren Rosevelt, to thoroughly repair the pier. The work has made good progress, and will doubtless be finished at the time specified in the contract, July 1, 1881.

Piers at Thirty-first street and at Thirty-second street, East river.—A new pier was built at the foot of East Thirty-first street, by contract with Messrs. Ross & Sanford, the contract being

dated August 30, and the pier finished December 1; and a new pier was also built at the foot of East Thirty-second street, by the same contractors, the contract being dated August 11, and the pier finished November 1.

The pier at foot of East Thirty-first street is 281 feet long by 60 feet wide; and that at the foot of East Thirty-second street is 237 feet long by 60 feet wide.

Forty-ninth Street to Fifty-first Street, East River.—Plans and specifications were made for a rubble wall with a platform in front, similar to that built from Sixtieth to Sixty-first streets last year, and a contract was made December 4, 1880, with Mr. John Kingsley, to do the work. He began on December 11th, but all work was stopped, December 20th, by an injunction from the United States Circuit Court.

Sixtieth Street to Sixty-first Street, East River.—The rip-rap embankment, with a rubble wall on its top, and a wooden platform in front of it, begun last year, was completed August 14, 1880, and has been in use since that date. It affords 260 linear feet of wharfage.

Surveying Party.—Base lines and bench marks have been verified in connection with the construction of the bulkhead wall and of piers, and a base line and bench marks have been established for West Twenty-third street section. Lines and levels have been given during the progress of the construction of the wall and of the piers. The quantities of sand, broken stone for concrete, rip-rap stone and cobble stone, delivered at the various sections, have been measured, and receipts given for the same.

Surveys and examinations have been made over about 30,700 linear feet of water-front, and tracings of the same made and put on file. Rod borings to the number of 161 were taken on the North river, the records of which are on file; and 22,820 soundings have been taken on the North, East and Harlem rivers, in 185 slips, 8,394 of which were for construction, and 14,426 for general repairs, taken before and after dredging; all of which are on record. The Surveyor has also superintended all the dredging done on the North, East and Harlem rivers.

Floating Property.—The floating property of the Department consists of the following:

- 100-ton derrick "City of New York."
- 10-ton derrick.
- Derrick scow "Joe."
- Tug "Manhattan."
- 2 dredges, Nos. 3 and 4.
- 12 dredging-machine mud-scows, Nos. 1 to 12.
- 10 pile-drivers, Nos. 1, 2, 3, 5, 6, 7, 8, 9, 10 and 11.
- 8 deck-scows, "B," "C," "D," "E," "F," "May," "Jim," and "Willie."
- Boring machine "Woodcock."
- 2 diver's scows, and
- 11 yawl boats.

The 100-ton derrick "City of New York" is now in good order, with the exception of some required repairs that will soon be made to the boiler and the deck underneath the boiler. During the past year the derrick has set 40 concrete base blocks, hoisted out and lowered a pile-driver scow, righted three overturned scows for the Police Department, lifted the foundation stones of the Egyptian Obelisk from the hold of the steamer "Dessong," and set concrete blocks on the test platform at West Twenty-third street section.

The main purchase blocks have been fitted with new steel pins and gun metal bushings, and the tower has been caulked and painted.

The 10-ton derrick has set 730 pieces of granite in the bulkhead wall, and pumped out the coffer-dam at the West Twenty-third street section. This derrick is in good order, and has not had any important repairs during the year.

The derrick scow "Joe" has done no work. The scow has had some small repairs, and has been painted. It requires caulking above the water-line.

The tug "Manhattan" has done all the towing required by the Department, except during the period from August 9 to 20, when she was laid up for repairs; a new stem piece was fitted, and under the direction of the United States Inspectors, all the soft patches on the boiler were removed and replaced with hard patches; the smoke pipe was repaired and a new set of valves fitted to the air pump. The boat was docked in October, cleaned and painted, and the stern bearing repaired.

Dredges Nos. 3 and 4.—No. 3 had new dipper handle fitted, was put in order for work, painted, and on May 24 delivered to the Union Dredging Co. That company still has possession of both dredges.

The twelve dredging-machine mud scows have all continued in the hands of the Union Dredging Co. They have been kept in serviceable condition.

The eight deck-scows, "B," "C," "D," "E," "F," "May," "Willie" and "Jim," are all in good serviceable condition, having been repaired and painted. Scow "F" had new deck and ends put in, and the "Jim" was docked in November, had new ends and knees put in and was partially caulked.

The pile-drivers, Nos. 1, 2, 3, 5, 6, 7, 8, 9, are all in good working order. In November, two new machines were ordered with scows 26 by 46 feet, with two sets of ways on each, 73 feet high, for driving the long piles to be used in the bulkhead wall at West Twenty-third street section. The ways at one end are vertical and at the other inclined 6 inches to the foot, for driving bracing piles. These two pile-drivers were delivered March 20; houses were built on them by Department workmen, and one was set at work April 28. The other is not quite ready.

No. 1 was lifted out to repair the bottom; No. 2 was fitted with one bed plate; No. 5 as a sawing machine cut off 988 piles for the bulkhead wall; No. 6 made eighteen borings at West Twenty-third street section; when the boring apparatus was removed, the ways lengthened to 60 feet, a new friction drum, large hammer and three-fourths-inch inspirator fitted; No. 9 was hired to Holmes Brothers from February 28 to March 18.

All the old pile-drivers have had numerous small repairs to the hulls and machinery.

The boring machine "Woodcock" was overhauled and some repairs made to it, and, April 6, hired to the New York, Ontario and Western R. R. Co., in whose possession it now is.

The two diver's scows are in serviceable condition.

The eleven yawl boats are in fair order; two are in possession of the Union Dredging Co. One of the twelve previously owned was crushed to pieces March 1 by the tug "Manhattan."

Gansevoort Street Yard.—Sixty-four concrete base blocks have been made at this yard during the year. There have been received 5,620 barrels of cement, and samples of each lot have been tested. All the iron and blacksmith work for the Department has been done here, and small articles have been issued from the store-house as required.

East Seventeenth Street Yard.—The principal work at this yard has been the receiving, storing and issuing of granite delivered by the contractor, and the receiving and storing of cement. Some slight repairs to the derrick have been made. The Police Department has used the bulkhead for its scows, also some other parts of the yard.

I submit herewith an appendix containing a summary of the journal of the work done at each section and at the Department yards, a list of the items of general repairs, a statement in detail of dredging done, statements of stock on hand, purchased and issued, at Gansevoort street and at East Seventeenth street yards; and a schedule of items of work, repairs, etc., done by private parties under permit from the Board of Docks and under my general supervision.

Very respectfully, your obedient servant,

G. S. GREEN, JR., Engineer-in-Chief.

APPENDIX.

Summary of Journal of the Work for the Year ending April 30, 1881.

NORTH RIVER WATER-FRONT.

WORK OF CONSTRUCTION UNDER THE NEW PLAN, SOUTH OF CANAL STREET.

BATTERY SECTION.

May 1 to July 23.—Elevated railroads deposited 1,817 loads of ashes on the bulkhead and transferred same to boats, using proper screens to prevent any from falling into the water.

May 6 to 12.—Graded and sowed with grass seed the two plots of ground in the rear of the boat landing.

May 10 to 12.—Divers took up and replaced specimens of wood put under water May 4, 1878, to show effect of the teredo.

June 9 to 11.—Carpenter repaired the grating at boat landing.

July 10 to 17.—Drilled holes at the boat landing to secure the grating, and placed a mooring post on Pier, new 1, North river.

August 2 to 11.—Elevated railroads deposited on the bulkhead and transferred to boats, using proper screens, 42 loads of ashes.

CHAMBERS STREET SECTIONS.

May 1 to June 8.—Relaid plank roadways to Pavonia ferry and plank passenger walks in front of the same.

May 1 to July 31.—Took up deck and sheathing from Pier, old 31, North river, and removed shed and cut through said pier in line of bulkhead wall extension.

May 1 to August 7.—The Union Dredging Company removed 22,368 cubic yards of mud, 6,522 cubic yards of cribwork (Class 1, A) and 1,118 cubic yards of cribwork (Class 1, B) for bulkhead wall, and 29,744 cubic yards of mud, 4,319 cubic yards of cribwork (Class 1, A) and 967 cubic yards of cribwork (Class 1, B) for Pier, new 21, North river.

May 3 to July 13.—Received 463 loads of filling in the rear of wall.

May 10 to June 24.—Contractors Ross & Sanford removed outer portion of Pier, old 31, North river.

May 11 to 15.—Diving party examined cribwork under water, at site of Pier, new 21, North river, and bulkhead wall.

May 22 to June 26.—Placed horizontal oak fenders on the north side of Pier, new 20, North river.

June 17 to 21.—Moved office of Chambers street section to its present site.

June 19 to April 20.—J. A. Bouker deposited for bulkhead wall 6,727 cubic yards of cobble, 1,328 cubic yards of ballast, and 8,655 cubic yards of rip-rap; also 202 cubic yards of rip-rap around the piles of permanent sewer.

June 27 to July 12.—Removed old work in the rear of wall.

June 30 to July 9.—Diving party examined area dredged for bulkhead wall, and removed sunken timbers therefrom.

July 27 to October 30.—Drove for bulkhead wall 750 vertical (broke 26) and 122 bracing (broke 3) piles, finishing piling for section.

August 4 to 6.—Repaired roadways to Pavonia Ferry.

August 9 to January 5.—Contractors Ross & Sanford completed the first part (all but about 100 feet of the inner end of Pier, new 21, North river, as required by their contract.

August 19 to September 21.—Carpenters repaired office.

August 23 to October 30.—Made, placed, and fastened all the binding frames for section, 10 in all.

August 31 to December 3.—Carpenters laid up the sections of sewers for Piers, new 21, and new 36, North river.

September 1 to November 12.—Diving party keyed binding frames and bulkheaded the north end of section to retain the stone filling.

September 6 to 30.—Made chock pieces to place under ends of transverse caps, and cut off piles by hand.

September 20 to 26.—Removed old work in rear of wall.

September 24 to October 6.—Painted section office.

September 27 to 29.—Repaired the roadways to Pier, new 20, North river.

October 8 to November 15.—Department sawing machine cut off 555 piles in foundation for bulkhead wall, balance were cut off by hand.

October 21 to 25.—The 100-ton derrick and force set 6 concrete base blocks.

October 21 to January 31.—Placed and fastened 720 lineal feet of longitudinal capping and 80 transverse caps, finishing capping for the section.

November 3 to 6.—Divers keyed binding frames and prepared foundation to receive the base blocks.

November 6 to December 6.—The 100-ton derrick and force set 14 base blocks (to date 20), finishing blocks for section, and the laborers filled the chain holes.

November 10 to 20.—Divers keyed binding frames, leveled off stone filling and pointed extra piles in foundation.

November 20 to 26.—Divers planked across the north end of section to retain stone filling as a protection against the teredo.

December 2 to 6.—Relaid plank platform in front of the New York, Lake Erie and Western Railroad Company's freight shed on the bulkhead.

December 23 to 25.—Laid a temporary decking under the old shed to receive sand, stone, etc., upon, for the use of section.

December 27 to January 13.—Carpenters made templates for cutting granite at the permanent sewer, repaired mould boards, made sewer centreing, got out straight edges.

January 11 to 13.—Drove eleven extra vertical piles in wall foundation, divers pointed same.

January 12 to 27.—Masons cut arch stones for permanent sewer through wall.

January 19 to 29.—Repaired roadway to Pier, new 20, North river.

February 5 to 12.—Masons cut granite for wall.

February 14 to May 1.—The 10-ton derrick set 214 pieces of granite, making a length of 158.34 feet, measured on the "E" course, masons assisted, and laid brick of permanent sewer; laborers mixed and placed 704 batches of concrete backing.

February 16 to May 1.—Carpenters placed mould boards, made straight edges, profiles, etc., and squared up sewer sections for Pier, new 21, North river.

February 17 to 19.—Placed dovetail pieces on transverse caps and laid 4-inch decking on wall platform.

February 17 to March 16.—Messrs. Ross & Sanford placed and fastened 54 oak fender piles on the north side and end of Pier, new 21, North river, under Treasurer's order.

March 1 to 8.—Repaired roadways to Pavonia ferry and Pier, new 20, North river.

March 12 to 23.—Drove 48 piles for permanent sewer in rear of wall.

March 23 to 28.—Rafted up old pile butts, to be towed away prior to selling same at auction.

March 29 to May 1.—Built temporary dumping platform at the north end to receive filling from, removed old work in rear of wall and constructed temporary sewer; also patched roadways to Pier, new 20, North river, and ferry.

April 16 to May 1.—Received 8,132 loads of filling in rear of wall. Total for the year, 8,595 loads.

April 23 to May 1.—Contractors Ross & Sanford completed the inner end of Pier, new 21, North river, work upon which was begun April 1, 1881, under their contract.

BEACH STREET SECTION.

May 1 to 9.—The Union Dredging Company removed 1,553 cubic yards of mud for the bulkhead wall, finishing same. Total to date, 20,087 cubic yards of mud removed for wall. Also removed 1,156 cubic yards of mud for Pier, new 26, North river. Total to date, removed for pier, 35,108 cubic yards of mud and 3,824 cubic yards of cribwork.

May 1 to 3.—Diving party examined area dredged for the bulkhead wall.

May 1 to July 11.—Drove 476 vertical piles (broke 29) and 75 bracing piles (broke 2) for bulkhead wall, finishing piling for section. Total to date, 554 vertical (broke 29) and 87 bracing (broke 2) piles.

May 1 to July 8.—Made, placed, and fastened all the binding frames for the section; 7 in all.

May 1 to November 19.—J. A. Bouker deposited on wall foundation 3,561 cubic yards of cobble, 135 cubic yards of ballast and 5,280 cubic yards of rip-rap; also received from the Union Dredging Company 310 cubic yards rip-rap; total deposited to date, 5,548 cubic yards of cobble, 135 cubic yards of ballast, and 8,745 cubic yards of rip-rap.

May 23 to June 23.—Contractors T. and A. Walsh drove 90 piles, regulated and staylathed same, and placed and fastened the caps and rangers for the inner part of Pier, new 26, North river.

June 1 to 6.—Diving party placed a plank bulkhead at the north end of section to retain the stone filling.

June 7 to 17.—Department sawing machine cut off 375 piles in wall foundations, the balance were cut by hand.

June 10 to 20.—Diving party keyed binding frames and prepared foundation to receive the base blocks.

June 21 to September 18.—Placed and fastened 510 lineal feet of longitudinal capping and 56 transverse caps; finished capping.

June 24 to July 26.—The 100-ton derrick and force set 14 base blocks, and laborers filled chain holes.

June 25 to July 3.—Repaired temporary connection to Pier, new 26, North river.

August 2 to 22.—Repaired temporary connection to Pier, new 26, North river.

August 2 to September 8.—Drove 58 extra piles in Pier, new 26, North river, inner end, for shed supports.

August 30 and 31.—Divers keyed binding frames and placed plank bulkhead at the south end of section to retain the stone filling.

September 7 to 14.—Contractors T. and A. Walsh fastened rangers, and laid deck plank on the inner end of Pier, new 26, North river, completing all but 100 feet of the inner end of said pier.

September 17 to 21.—Divers keyed binding frames.

September 21 to 29.—Masons cut granite, preparatory to setting same.

September 29 to October 28.—The 10-ton derrick and force set 140 pieces of granite, making a length of 121.02 feet on the "E" course; laborers backed up same with concrete, mixed and placed 455 batches.

October 1 to 18.—Repaired temporary connection to Pier, new 26, North river.

October 12 to 15.—Placed the dovetail pieces on ends of transverse caps.

October 14 to December 3.—Contractors T. and A. Walsh finished the work on about 100 feet of the inner end of Pier, new 26, North river, as required under their contract.

October 21 to November 10.—Department force drove and capped extra piles on the inner end of Pier, new 26, North river, for shed supports, and chamfered heads of piles in said pier.

November 1 to 10.—Laid the 4-inch deck on wall platform.

November 5 to 18.—Laborers discharged earth taken from cribwork at Pier, old 38, North river, in rear of wall.

November 13 to 20.—Built temporary dumping platform and connection with Pier, new 26, North river, from stub of Pier, old 37, North river, and pitched countersunk boltholes in said new pier.

November 22 to May 1.—Received 24,701 loads of earth filling, 1,175 of which were received from the Police Department.

December 7 to 18.—Placed and fastened 6 cast-iron mooring-posts on the inner end of Pier, new 26, North river.

January 5 to 17.—Removed old pile butts from the water to top of filling, and removed a portion of old platform in rear of wall.

February 11 to April 1.—Removed old work in rear of wall and built a temporary sewer outlet underneath Pier, old 37, North river.

April 4 to 17.—Laid plank roadway to Pier, new 26, North river.

April 15 to 27.—Took up the deck plank, sheathing, and fender piles from the remaining inner portion of Pier, old 37, North river, and removed the addition built by the Department on the south side.

April 21 to May 1.—Masons pointed granite in wall.

April 30.—Contractors T. and A. Walsh commenced final removal of Pier, old 37, North river, and completion of Pier, new 26, North river, under their contract.

LAIGHT STREET SECTION.

October 7 to December 30.—The Union Dredging Company removed 22,450 cubic yards of mud from site of bulkhead wall, and 8,280 cubic yards of mud from site of proposed Pier, new 28, North river.

October 18 to 25.—Removed the outer end of old dumping board.

October 28 to January 1.—Removed a portion of the northerly side of Pier, old 38, North river, and the cribwork underneath down to low-water mark.

November 1 to December 4.—Received from carts, on Department scows, 484 loads of stone filling (equivalent to 363 cubic yards of cobble, and 92 cubic yards of rip-rap), and discharged the same on wall foundation.

November 13 to May 1.—J. A. Bouker deposited on wall foundation, 1,191 cubic yards of cobble, 468 cubic yards of small rip-rap, 110 cubic yards of ballast and 1,780 cubic yards of rip-rap stone.

December 4 to May 1.—Received on Department scows from carts 1,191 loads of stone filling, to be used at West Twenty-third street section.

December 3 and 24.—Diver made an examination of cribwork at Pier, old 38, North river.

January 7 to 13.—Shored up the north side of Pier, old 38, North river, where it had settled from dredging.

January 12 to 13.—Erected temporary storehouse for use of section.

February 17 to March 15.—The Union Dredging Company removed 1,639 cubic yards of mud for bulkhead wall (to date 24,089 cubic yards), and 1,656 cubic yards of mud for Pier, new 28, North river (to date 9,936 cubic yards), also removed cribwork at Pier, old 38, North river.

March 1.—Diver examined area dredged for wall.

March 15 to 17.—Diving party and force removed sunken timbers and piles from river bottom in line of wall.

March 15 to 26.—Continued shoring up side of Pier, old 38, North river.

April 14 to 19.—Built a temporary platform at the south end of section, from which to sight piling for wall.

April 19 to May 1.—Drove 54 vertical piles (broke 1) and 6 bracing piles, for the bulkhead wall.

WORK OF CONSTRUCTION UNDER THE NEW PLAN, NORTH OF CANAL STREET.

CANAL STREET SECTION.

September 17.—Repaired plank roadway to Pier, new 34.

November 3.—Repaired plank roadway to Pier, new 34.

December 4.—Repaired plank roadway to Pier, new 34.

SPRING STREET SECTION.

May 1.—Replaced the 2 transverse caps broken by J. A. Bouker's scow, March 15, 1880.

May 15 to 19.—Repaired plank roadway to Pier, new 35.

May 18 and 19.—Removed platform alongside the old bulkhead.

July 30 to August 14.—Set 54 pieces of granite, completing a length of 139.92 feet on the "E" course.

August 2 to September 15.—Removed old bulkhead to low water, and platform adjoining between Piers, new 35 and 36.

August 9 to 11.—Repaired plank roadway to Pier, new 35.

August 9 to date.—Received 444 loads of cobbles, free.

August 17 to March 26.—Received 25,966 loads of filling, 7,733 of which were from the Police Department.

August 18 to October 30.—Cut bottom beds of 10 pieces of coping.

September 6 to 11.—Placed 40 cubic yards of rip-rap in front and rear of wall.

September 16.—Repaired plank roadway to Pier, new 35.

December 4 to 6.—Repaired plank roadway to Pier, new 35.

December 14 to 16.—Set 9½ pieces of coping, 75.70 feet in length, north of Pier, new 35.

February 11 to 18.—Drilled 10 bolt holes, 8½ x 1½ inches, in the coping north of Pier, new 35.

February 21 and 22.—Fastened 75.7 feet of backing log on the coping north of Pier, new 35.

February 28 to March 17.—Removed inner end of Pier, old 43.

March 17 to 24.—Repaired plank roadway to Pier, new 35.

CHARLTON STREET SECTION.

May 1 to September 18.—Discharged 1,540 cubic yards of cobbles, and 2,800½ cubic yards of rip-rap on bulkhead wall foundation.

May 1 to 3.—Repaired plank roadway to Pier, new 37.

May 3 to August 10.—Set 283 pieces of granite in bulkhead wall, completing a length of 405.52 feet on the "E" course.

May 14 to June 12.—Placed on the cap planking behind wall, 701 cubic yards of the cobbles, received free on the dump.

May 29 to October 31.—Received 2,699 loads of cobbles, free.

June 16 to 24.—Removed the inshore end of Pier, old 44.

June 22 to August 18.—Laid brickwork of sewer through bulkhead wall.

July 9 to 12.—Repaired plank roadway to Pier, new 37.

July 9 to April 28.—Received 20,102 loads of filling, 7,499 loads of which were from the Police Department.

July 29 to August 19.—Contractors Ross & Sanford removed all that part of Pier, old 44, lying westerly of a line about 135 feet westerly of the new bulkhead line.

August 18 to October 30.—Cut bottom beds of 29 pieces of coping.

August 19 to October 29.—The Union Dredging Company excavated 34,266 cubic yards of mud for Pier, new 36, and finished.

August 26 to September 17.—Pulled up and removed 116 piles and 5 bars of railroad iron, from site of Pier, new 36.

September 18 to October 2.—Removed inner end of Pier, old 44.

September 21.—Repaired plank roadway to Pier, new 37.

September 24 to 25.—Removed 17 piles, 3 fender pieces and an old rudder, from river bottom, in slip, south side of Pier, new 37.

October 6 to 11.—Removed timber from basin, rear of wall, to make room for filling.

October 7 to April 20.—Contractors Ross & Sanford built Pier, new 36.

October 12 to November 30.—Removed platform at old bulkhead, between Piers, new 36 and new 37.

November 4 to 6.—Repaired plank roadway to Pier, new 37.

November 11 to December 14.—Set 29½ pieces of coping, 232.32 feet in length, from south side of Pier, new 37, to 81.3 feet south of Pier, new 36, and finished.

November 27.—Finished building temporary sewer.

December 21.—Relaid water pipe between Pier, new 37, and West street.

January 13 to February 11.—Drilled 29 holes in coping for securing the backing logs.

February 9 to 17.—Fastened 151.02 feet of backing log on the coping between Piers, new 36 and new 37.

February 17 to 21.—Fastened backing log on coping for a length of 81.3 feet, south of Pier, new 36.

March 10 to 16.—Repaired plank roadway to Pier, new 37.

March 14 to 19.—Moved piles, timber, and other obstructions from the bulkhead.

NEW KING STREET SECTION.

June 5 to 11.—Repaired plank roadway to Pier, new 38.

August 14 to September 3.—Repaired plank roadway to Pier, new 38.

November 9.—Repaired plank roadway to Pier, new 38.

December 22.—Repaired plank roadway to Pier, new 38.

April 13 to 22.—Repaired plank roadway to Pier, new 38.

HOUSTON STREET SECTION.

June 12 to 15.—Repaired plank roadway to Pier, new 39.

September 8 to 10.—Repaired plank roadway to Pier, new 39.

November 8 and 9.—Repaired plank roadway to Pier, new 39.

April 9 to 22.—Repaired plank roadway to Pier, new 39.

LEROY STREET SECTION.

May 7 to 14.—Repaired plank roadway to Pier, new 41.

May 7 to April 18.—The Union Dredging Company excavated in the slips adjoining, and on the site of Pier, new 41, 78,019 cubic yards of mud.

May 14 to July 21.—The Union Dredging Company excavated 6,323 cubic yards of mud from slip south side of Pier, new 42.*

May 28.—Repaired plank roadway to Pier, new 40.

June 17 and 18.—Fastened spring piles and backing log on south side of Pier, new 41.

June 23.—Fastened a spring pile on north side of Pier, new 41.

July 13 to 15.—Removed a sunken pile from river bottom and refastened backing log and spring piles on south side of Pier, new 41.

August 26.—Repaired plank roadway to Pier, new 40.

August 26 to 28.—Repaired plank roadway to Pier, new 41.

September 20 and 21.—Repaired plank roadway to Pier, new 41.

October 19 to December 16.—Removed the deck, backing log, mooring posts and spring piles, etc., from outer end of Pier, new 41.

November 1 to 3.—Repaired plank roadway to Pier, new 41.

November 3.—Repaired plank roadway to Pier, new 40.

November 5 to 27.—Contractor I. Eugene White removed about 180 feet in length of the old pier next adjoining the new work at outer end of Pier, new 41.

November 5 to December 19.—The Central Railroad Company of New Jersey removed all of the ferry platform at foot of Clarkson street, excepting about 47½ feet of the inner end.

December 10 to 27.—Contractor I. Eugene White removed the remainder of Pier, new 41.

December 16 to 20.—Repaired plank roadway to Pier, new 40, using 55 loads of earth filling.

December 24 to April 19.—The Union Dredging Company excavated from slip north side of Pier, new 40, 32,671 cubic yards of mud.

December 27 to April 26.—Put 20 bracing piles under north side of Pier, new 40, and fitted on fenders, chocks and 5 mooring posts.

April 11.—Contractor I. Eugene White commenced building Pier, new 41, and has driven to date 300 vertical piles.

April 18 and 19.—Removed 7 sunken piles from river bottom at north side of Pier, new 40.

MORTON STREET SECTION.

May 21 to June 1.—Repaired plank roadway to Pier, new 42, using 6 loads of filling.

June 18.—Contractor C. H. Loomis commenced excavating in slip between Piers, new 42 and new 43, and has taken out to date 18,527 cubic yards of mud.

November 30 to December 14.—Repaired and widened plank roadway to Pier, new 42.

January 11.—Removed old timber from bulkhead in vicinity of Pier, new 42.

February 24.—Finished repairing and widening 50 feet in length of the plank roadway to Pier, new 42.

April 26.—Commenced repairing plank roadway to Pier, new 42.

CHRISTOPHER STREET SECTION.

May 10 to 13.—Repaired doors of shed on Pier, new 43.

May 12.—Repaired platform between Piers, new 46 and new 47.

May 21 to 24.—Repaired plank roadway to Pier, new 44.

June 14 to July 31.—Set up tie rods and fastened the truss braces of shed on Pier, new 43.

June 19 to 26.—Drove and fastened 8 spring piles on end of Pier, new 43.

June 23 to 25.—Repaired platform between Piers, new 46 and new 47.

June 25 and 26.—Repaired plank roadway to Pier, new 45.

July 6 and 7.—Repaired plank roadway to Pier, new 43.

July 7 and 8.—Repaired platform between Piers, new 46 and new 47.

July 7 to 19.—Repaired plank roadway to Pier, new 46.

July 14 and 15.—Drove and fastened 2 spring piles on south side of Pier, new 43.

July 16 to 30.—Connected the Barrow street and Christopher street sewers by a box, 11x19 inches, and 128 feet long.

July 24 to August 6.—Repaired plank roadway to Pier, new 44.

August 12.—Repaired roof of shed on Pier, new 43.

August 12 and 13.—Repaired plank roadway to Pier, new 45.

August 16 to September 13.—Cut opening for, and put new door in shed on Pier, new 43.

September 10 to October 2.—Repaired tin roof of shed on Pier, new 43.

September 13 and 14.—Shifted the piles stored on the bulkhead south of Pier, new 43, and repaired plank roadway to the pier.

September 22 to 25.—Repaired platform between Piers, new 46 and new 47.

October 14 to 18.—Repaired plank roadway to Pier, new 45.

October 14 and 15.—Replaced 2 spring piles on Pier, new 43, which were broken by the steamer Labrador, October 13th.

November 10 to 29.—Shed on Pier, new 43, excepting roof, was scraped, and painted with one coat on north side as far as ferry entrance and with two coats on all the remainder of the sides and ends.

November 14.—Sheathed inner end of Pier, new 43, for a space 40x10 feet, and 19x19 feet, with new 3-inch North Carolina yellow pine.

November 18.—Repaired platform between Piers, new 46 and new 47.

December 7 and 8.—Repaired plank roadway to Pier, new 44.

December 14 to 16.—Repaired plank roadway to Pier, new 45.

December 17.—Repaired platform between Piers, new 46 and new 47.

February 14 and 15.—Repaired plank roadway to Pier, new 43, and water pipe between the pier and West street.

March 3 to 10.—Repaired plank roadway to Pier, new 44.

March 8.—Repaired plank roadway to Pier, new 46.

March 18 to 28.—Repaired plank roadway to Pier, new 45.

March 21.—Repaired plank roadway to Pier, new 43.

March 28 to April 5.—Repaired approach to platforms between Piers, new 45 and new 47.

WEST TWENTY-THIRD STREET SECTION.

May 3 to 18.—Made eighteen borings (total 107) and finished.

June 23 to July 31.—Drove 7 test piles, built a coffer-dam, 5 x 5 x 45 feet, for examining river bottom and placed it off Twenty-eighth street.

August 13 to October 31.—Drove 3 test piles on bulkhead line, off Twenty-seventh street, built platform on them, and weighted them with concrete blocks to get the bearing strength of river bottom; pumped mud out of coffer-dam, put in rip-rap and weighted same to determine resistance of river bottom at 30 feet below mean low water.

October 28 to April 30.—The Union Dredging Company excavated for the bulkhead wall 75,915 cubic yards of mud between Twenty-third and Twenty-seventh streets.

November 8 to December 2.—Cut through the old pier, foot of Twenty-fourth street, for a length of 127 feet, and through the old pier, foot of Twenty-fifth street, for a length of 120 feet, to prepare for the bulkhead wall.

November 15 to 30.—Built an office, 15 x 30 feet inside dimensions, on the inner end of old pier at Twenty-fourth street.

November 23 to April 4.—The Union Dredging Company excavated 23,677 cubic yards of mud on site of Pier, new 54.

November 27 to December 18.—Painted interior and exterior of new office at Twenty-fourth street.

November 30.—Drove 18 old piles at south end of work to support sights.

December 4.—Diver examined about 75 feet of site of wall, between Twenty-fourth and Twenty-fifth streets, after dredging.

December 6 to April 30.—J. A. Bouker placed 2,019 cubic yards of cobbles, 3,401 cubic yards of rip-rap, 320 cubic yards of street cobbles and 307 cubic yards of ballast, and Department laborers placed 660 yards of cobbles and 46 yards of rip-rap, furnished free, over site of wall foundation.

December 8.—Drove 4 mooring piles for the stone-scows.

December 14 to April 30.—Drove 518 vertical and 85 bracing piles for wall foundation.

December 16.—Pulled up and removed test piles driven off Twenty-seventh street.

December 17.—Drove 5 mooring piles for the pile-drivers.

December 20.—Diver examined site of wall in cut through the old pier, foot Twenty-fourth street, after dredging.

December 27 to January 25.—Contractor John Gillies removed all of the old pier at the foot

* This was paid for by the Compagnie Generale Transatlantique, lessee.

of West Twenty-fourth street, North river, which lies westerly of a line about 40 feet westerly of the new bulkhead line.

December 27 to April 30.—The Union Dredging Company excavated from site of Pier, new 55, 22,143 cubic yards of mud.

December 28.—Drove 6 mooring piles for pile-drivers and stone-scows, and drove 4 piles for guarding stone-filling sights.

January 12.—Diver examined the stone filling placed by Department laborers, over site of wall, in cut through the old pier at foot of Twenty-fourth street.

January 24.—Drove 5 mooring piles for the pile-drivers.

February 9 to April 30.—Placed 6 binding frames.

February 10.—Drove a guard pile north of Twenty-sixth street pier, to prevent boats striking on the head of a pile below low water.

February 18 and 19.—Drove 11 mooring piles for the stone-scows and pile-drivers.

February 18 to April 30.—Cut 269 vertical piles with the circular saw, and 169 by hand.

February 23 to March 19.—Holmes Brothers, contractors, removed about 190 feet in length of the outer end of the old pier at the foot of West Twenty-fifth street.

March 8.—Pulled up the row of piles driven November 30, at south end of work to support sights.

March 9.—Drove 25 old piles across slip between Twenty-seventh and Twenty-eighth streets, to form a storage basin for timber, piles and pile-butts.

March 14 to April 30.—Placed 14 transverse caps, and 240 feet of longitudinal caps.

March 31 to April 30.—Contractor John Gillies building Pier, new 54, drove 435 vertical and 11 bracing piles.

April 1 to 7.—Set 6 concrete base blocks in the wall near foot of Twenty-fourth street.

April 19 to 30.—The Union Dredging Company excavated 7,704 cubic yards of mud from site of Pier, new 56.

April 22.—Filled 5 chain grooves in the base blocks set near foot of Twenty-fourth street.

No work at all was done for 2 working days in December, for 13 working days in January, and for 8 working days in February, on account of bad weather, and the unusual amount of ice in the slips.

EAST RIVER WATER-FRONT.

NEW PIERS AT THIRTY-FIRST STREET AND THIRTY-SECOND STREET.

August 18 to November 1.—Ross & Sanford, contractors, dredged 2,649 cubic yards of mud at Thirty-second street, and built a new pier.

August 21 to December 1.—Ross & Sanford, contractors, dredged 2,184 cubic yards of mud at Thirty-first street, and built a new pier.

DEPARTMENT YARDS.

GANSEVOORT STREET YARD.

May 1 to April 30.—Blacksmiths made and repaired iron work for floating property and the various sections; also engaged on iron work for 6 bridges for use of the Fire Department.

June 25 to July 31.—Carpenters stripped and set up concrete moulds.

June 28 to July 31.—Laborers assisted carpenters, received cement, and made 12 concrete base blocks, containing 396 cubic yards of concrete.

August 1 to October 31.—Carpenters repaired moulds and cores, made Fire Department bridges, sashes for general office, and extending the railroad for concrete. Laborers assisted the carpenters, received 2,338 barrels of cement, and made 34 concrete base blocks, containing 1,123.02 cubic yards of concrete.

November 1 to April 30.—Carpenters repaired cores, moulds, set up and stripped moulds for blocks, and worked on rail tracks. Laborers assisted carpenters, receiving 1,306 barrels of cement, transferred cement from East Seventeenth street yard, and made 18 concrete base blocks, containing 394.50 cubic yards of concrete.

EAST SEVENTEENTH STREET YARD.

May 10 and 11.—Received granite under contract of R. L. Darragh.

May 15 to 17.—Loaded granite for Charlton street section.

May 18 to 22.—Received granite from Contractor R. L. Darragh.

June 7.—Loaded granite from Charlton street section.

June 8 to 10.—Received granite from Contractor R. L. Darragh.

June 11 to 12.—Loaded granite for Charlton street section.

August 6 to 11.—Transferred granite to Christopher street section, and inspected granite received.

August 17 to 23.—Painted, weighed and transferred bolts to Christopher street section.

September 9 to 11.—Loaded granite for Beach street section.

September 29 to 30.—Received cement, and painted yard derrick.

October 8 and 9.—Loaded granite for Beach street section.

October 15 and 16.—Received bolts from Christopher street section, and painted and oiled the yard derrick.

November 30 to December 3.—Moved samples of granite under shed.

December 4 to January 3.—Loaded granite for Chambers street section.

March 15 to 17.—Loaded granite for Chambers street section.

March 21 to 22.—Received granite from Cape Ann Granite Company.

April 1 to 4.—Loaded granite for Chambers street section.

April 14 and 15.—Received granite from Cape Ann Granite Company.

April 20 to 23.—Moved coping with 10-ton derrick.

Statement of General Repairs for the Year ending April 30, 1881.

NORTH RIVER.

Public Bath at Battery.—Built and fastened to bath with chains 4 fender floats. Finished June 22.

Public Bath at Battery.—Secured and refastened loose fender floats. Finished July 3.

Public Bath at Battery.—Repaired and refastened fender floats. Finished July 19.

Public Bath at Battery.—Removed fender floats from bath; towed them to basin at Fifty-seventh street and secured them. Finished October 16.

Pier, new 1.—Pulled 10 broken piles, and drove, chocked and fastened 18 oak spring piles. Finished June 8.

Pier, new 1.—Swept and cleaned pier. Finished June 19.

Pier, new 1.—Swept and cleaned pier. Finished June 26.

Pier, new 1.—Swept and cleaned pier. Finished July 3.

Pier, new 1.—Swept and cleaned pier. Finished July 10.

Pier, new 1.—Chocked and refastened spring piles with chains. Finished July 10.

Pier, new 1.—Swept and cleaned pier. Finished August 7.

Pier, new 1.—Bored scupper holes in string-piece. Finished October 19.

Pier, new 1.—Fastened 6 loose fender piles with chains; hoisted raft of piles on bulkhead and suspended work on account of ice in slip. Finished January 4.

Pier, old 21.—Drove two spruce and 13 oak fender piles; reset 3 old piles; put in 1 mooring post and 116 feet of backing; laid 1,212 square feet of new 3-inch North Carolina yellow pine sheathing, and relaid 356 square feet of old sheathing. Finished July 20.

Pier, old 21.—Removed old sheathing; blocked up deck; put down sills and sleepers; laid 4,747 square feet of deck with 3-inch North Carolina yellow pine plank, and relaid 478 square feet of old deck. Finished October 26.

Pier, old 33.—Patched 2,828 square feet of deck, 2,890 square feet of sheathing with second-hand plank; laid 387 linear feet of backing log, and put on 13 square fenders. Finished July 31.

Pier, old 33.—Pulled 2 broken piles, and drove and fastened 1 spring pile. Finished October 6.

Proposed Dumping Board at Pier, old 42.—Drove, chocked and fastened 4 spring and 27 fender piles; put in 21 feet of stringers, 73 feet of caps, 12 feet of backing log; laid 150 square feet of sheathing with second-hand plank, 1,240 square feet of new 3-inch North Carolina yellow pine plank in platform, and put on 3 new 3-inch North Carolina yellow pine fenders. Finished August 25.

Sewer Platform at Pier, old 42.—Sheathed 1,664 square feet of platform over sewer. Finished July 3.

Sewer at Pier, old 42.—Replanked sewer box and patched 84 square feet of deck over sewer. Finished October 18.

Sewer at Pier, old 42.—Replanked 423 square feet of sewer box, and relaid deck. Finished January 17.

Pier, old 42.—Drove 2 spring and 16 fender piles; patched 250 square feet of deck, 915 square feet of sheathing, with second-hand plank, and laid 222 linear feet of backing log. Finished May 27.

Pier, old 42.—Shored up deck; blocked up string-piece, and patched 91 square feet of deck with second-hand plank. Finished October 2.

Pier, old 42.—Drove 14 bearing piles; laid 137 feet of caps, 292 feet of backing log, 250 feet

of sills, 1,502 square feet of deck, 1,732 square feet of roadway, 180 linear feet of foot-walk, and put in a mooring post. Finished November 23.

Bulkhead between Piers, new 39 and 40.—Removed piles from bulkhead; towed them to Twenty-seventh street and secured them inside the basin. Finished March 29.

Bulkhead, south side of Pier, new 42.—Removed piles and timber from bulkhead; rafted them; towed rafts to Twenty-seventh street and secured them inside the basin. Finished March 23.

Bulkhead, north side of Pier, new 42.—Removed piles from bulkhead, loaded them on catamarans, towed them to Twenty-seventh street, secured them inside the basin and refastened boom logs. Finished April 14.

Bulkhead, east side of Approach to Piers, new 46 and new 47.—Patched 84 square feet of deck with second-hand plank, and laid 2,010 square feet of new 3-inch North Carolina yellow pine sheathing. In progress.

Pier, new 47 and Bulkhead on south side.—Laid 23,940 feet, board measure, 3-inch North Carolina yellow pine sheathing. In progress.

Public Bath at Bethune street.—Moored 4 fender floats to bath with chains. Finished May 29.

Public Bath at Bethune street.—Removed fender floats from bath, towed them to Fifty-seventh street and secured them inside of timber basin. Finished October 16.

Dump at Twelfth street.—Pulled 12 broken piles and drove 16 bearing piles and 16 oak spring piles. Finished September 28.

Dump at Twenty-first street.—Drove, staylathed and fastened 30 bearing and 17 spring piles, and put on 3 caps. Finished October 19.

Sewer at Twenty-third street.—Opened hood over mouth of sewer for examination. Finished May 5.

Pier at Twenty-eighth street.—Patched 36 square feet of deck; relaid 563 square feet of sheathing; set one mooring post; put on 3 half-round white oak fenders, and cut off and trimmed heads of fenders and mooring post. Finished May 25.

Pier at Twenty-eighth street.—Shimmed up rangers and patched 144 square feet of deck and 550 square feet of sheathing with second-hand plank. Finished September 30.

Pier at Twenty-eighth street.—Cleaned deck of pier. Finished April 16.

Pier at Thirty-fifth street.—Drove 1 mooring and 3 oak fender piles; laid 19 feet of caps; patched 67 square feet of close fenders, 121 square feet of deck; relaid 563 square feet of sheathing, and put down 32 linear feet of backing log. Finished July 29.

Dump at Thirty-seventh street.—Drove, chocked and fastened 11 fender piles. Finished October 4.

Pier at Thirty-eighth street.—Removed old deck and sheathing; let in 5 string-pieces and 1 side cap; patched 870 square feet of deck with new 4-inch North Carolina yellow pine plank, 540 square feet with 4-inch second-hand plank; laid 9,171 feet, board measure, new 3-inch North Carolina yellow pine sheathing, and relaid 668 square feet of old sheathing; drove, chocked and fastened 1 fender and 7 spring piles; laid 21 linear feet of backing log, and put on one oak cleat. Finished April 16.

Pier at Forty-seventh street.—Laid 160 linear feet of caps, 90 feet of stringers, 25 feet of side caps, 35 feet of backing log; drove 2 bearing piles; laid 1,617 square feet of deck, and 4,214 square feet of sheathing with second-hand plank, and built up gangway. Finished May 24.

Pier at Forty-seventh street.—Patched 18 square feet of deck, 24 square feet of sheathing, with second-hand plank, and laid 572 square feet of new 3-inch North Carolina yellow pine sheathing. Finished July 16.

Pier at Forty-seventh street.—Drove, chocked and fastened 3 spring piles. Finished April 30.

Public Bath at Fifty-first street.—Fastened 4 fender floats to bath. Finished May 29.

Pier at Fifty-first street.—Closed and covered gangway used for bath. Finished October 19.

Pier at Fifty-first street.—Removed old deck, and patched 56 square feet with new 3-inch North Carolina yellow pine plank. Finished April 11.

Pier at Fifty-fifth street.—Rebuilt end of pier; laid 2,720 square feet of new 3-inch North Carolina yellow pine sheathing; patched 1,583 square feet of deck with second-hand plank; sheathed 176 linear feet of backing log with new 3-inch North Carolina yellow pine plank; put on 630 square feet of close fenders with second-hand plank; laid 45 feet of backing log; set in 2 mooring posts, and fastened on 2 corner bands. Finished June 3.

Timber Basin at Fifty-seventh street.—Pulled and bunched piles and timber to make room for dredge, and refastened boom logs. Finished August 4.

Timber Basin at Fifty-seventh street.—Removed fender floats from the basin; stored them beneath the pier; bunched piles, and put basin in order for reception of rafts of piles and timber from Twenty-fourth and Twenty-fifth streets. Finished December 8.

Timber Basin at Fifty-seventh street.—Secured and fastened loose timber with chains. Finished December 14.

Timber Basin at Fifty-seventh street.—Secured and refastened loose fender floats. Finished January 15.

Timber Basin at Fifty-seventh street.—Secured fender floats broken adrift by the ice, and refastened them with chains. Finished January 24.

Timber Basin at Fifty-seventh street.—Secured and refastened loose fender floats. Finished February 22.

Timber Basin at Fifty-seventh street.—Secured and refastened loose fender floats. Finished March 23.

Pier at Fifty-seventh street.—Patched 408 square feet of deck; 788 square feet of sheathing with second-hand plank, and laid 1,498 feet, board measure, of new 3-inch North Carolina yellow pine sheathing. Finished June 10.

Pier at Fifty-seventh street.—Patched 498 square feet of deck, and 1,141 square feet of sheathing with second-hand plank. Finished July 6.

Approach to Pier at Fifty-seventh street.—Patched 40 square feet of sheathing. Finished May 17.

Approach to Pier at Fifty-seventh street.—Patched 2,761 square feet of deck and 3,744 square feet of sheathing with second-hand plank. Finished June 28.

Approach to Pier at Fifty-seventh street.—Removed sheathing; patched 12 square feet of deck with second-hand plank, and relaid 30 square feet of sheathing. Finished July 29.

Approach to Pier at Fifty-seventh street.—Patched 392 square feet of deck with 5-inch, and 396 square feet of sheathing with 3-inch second-hand plank. Finished September 3.

Approach to Pier at Fifty-seventh street.—Removed broken deck and sheathing, and patched 120 square feet of deck with second-hand plank, and 87 square feet of sheathing with new 3-inch North Carolina yellow pine plank. Finished September 15.

Approach to Pier at Fifty-seventh street.—Removed old deck and sheathing, and patched 1,200 square feet of deck and 1,260 square feet of sheathing with second-hand plank. Finished October 25.

Approach to Pier at Fifty-seventh street.—Removed old deck and sheathing, and patched 120 square feet of deck and 224 square feet of sheathing with second-hand plank. Finished November 1.

Approach to Pier at Fifty-seventh street.—Patched 156 square feet of deck, and 88 square feet of sheathing with second-hand plank. Finished November 11.

Approach to Pier at Fifty-seventh street.—Patched 1,020 square feet of deck, and 1,040 square feet of sheathing with second-hand plank, and relaid lot of old sheathing. Finished December 14.

Pier at Ninety-sixth street.—Drove 6 test piles. Finished April 29.

Platform between Piers at One Hundred and Twenty-ninth and One Hundred and Thirtieth streets. Removed decayed deck and built a fence around platform. Finished June 10.

EAST RIVER.

Pier 12.—Built 56 lineal feet of fence, and laid 56 lineal feet of backing log. Finished September 7.

Pier 12.—Drove 9 test piles. Finished October 19.

Pier 12.—The contractor tore up old pier; removed 3 cribs; dredged 5,237 cubic yards of mud; drove 162 vertical and 11 bracing piles; laid 41 side and 38 cross-caps; built up bulkhead, and set up mooring post. Work in progress.*

Pier 37.—Patched 153 square feet of deck and laid 6,664 square feet of sheathing with second-hand plank; laid 1,750 square feet of new 3-inch North Carolina yellow pine sheathing; relaid 2,347 square feet of old sheathing; put down 416 linear feet of backing log; repaired close fenders; drove and chocked 5 oak spring piles, and chocked and refastened 5 old spring piles. Finished June 8.

Pier 44.—Drove and fastened 15 spruce piles around crib on outer end of pier. Finished December 27.

Pier 48.—Patched 48 square feet of deck with second-hand plank, and refastened loose deck. Finished July 17.

Pier 48.—Patched 12 square feet of deck with second-hand plank. Finished July 31.

Pier 48.—Patched 6 square feet of deck with second-hand plank. Finished August 9.

Pier 48.—Patched holes in deck with second-hand plank. Finished August 28.

Pier 48.—Patched 54 square feet of deck with 4-inch spruce plank. Finished September 22.

Pier 48.—Patched 48 square feet with second-hand, and 79 square feet with new 4-inch spruce plank. Finished October 4.

* One-half only of these repairs to be paid for by the Department.

Pier 48.—Laid 105 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished October 9.

Pier 48.—Patched 16 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished October 14.

Pier 48.—Patched 20 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished October 20.

Pier 48.—Patched 52 square feet of deck with second-hand plank. Finished October 27.

Pier 48.—Drove 6 test piles. December 4.

Pier 48.—Patched 48 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished February 18.

Pier 48.—Patched 48 square feet of deck with good second-hand plank. Finished March 22.

Pier 48.—Patched 30 square feet of deck with good second-hand plank. Finished April 1.

Public Bath, Pier 51.—Fastened 4 fender floats to bath. Finished June 5.

Public Bath, Pier 51.—Refastened loose floats with chains. Finished August 14.

Public Bath, Pier 51.—Removed fender floats from bath; towed them to Fifty-seventh street, North river, and secured them in basin. Finished October 16.

Pier 51.—Covered gangway, and put down 10 lineal feet of backing log. Finished October 21.

Pier 53.—Removed broken fenders; put in 5 new fenders, and trimmed, patched and refastened loose fenders. Finished November 10.

Pier 54.—Removed old fenders and deck; put on 5 new fenders; refastened loose fenders and backing log, and patched 78 square feet of deck with second-hand plank. Finished November 9.

Bulkhead at Pier 60.—Built cleats for use of tugboats watering at bulkhead. Finished April 30.

Pier 61.—Patched 22 square feet of deck with second-hand plank. Finished December 27.

Pier 61.—Drove 9 spruce bearing piles and 13 oak fender piles. Finished January 26.

Dump at Stanton street.—Drove, chocked and fastened 14 fender piles. Finished October 9.

Pier at Third street, outer end.—Drove, chocked and fastened with chains 13 oak spring piles, planked gangway, and put on 2 thumb cleats. Finished May 8.

Pier at Third street.—Drove 5 spruce bearing and 5 oak fender piles, and patched deck with second-hand plank. Finished May 11.

Pier at Third street.—Patched 18 square feet of deck with second-hand plank. Finished May 27.

Pier at Third street.—Laid 2,623 square feet of deck with 5-inch North Carolina yellow pine plank; repaired backing log and battened mooring posts. Finished July 7.

Pier at Third street.—Patched 12 square feet of deck with second-hand plank. Finished July 27.

Pier at Third street.—Patched 24 square feet of deck with second-hand plank. Finished August 7.

Pier at Third street.—Patched 268 square feet of deck with second-hand plank; 104 square feet with new 4-inch North Carolina yellow pine, and laid 38 lineal feet of stringers. Finished November 16.

Pier at Third street.—Patched 16 square feet of deck with second-hand plank. Finished December 27.

Pier at Third street.—Secured, chocked and refastened a loose fender pile. Finished March 1.

Public Bath at Fifth street.—Fastened 4 fender floats to bath. Finished June 3.

Public Bath at Fifth street.—Refastened loose fender floats. Finished August 14.

Public Bath at Fifth street.—Removed fender floats from bath, towed them to Fifty-seventh street, North river, and secured them inside of basin. Finished October 16.

Dump at Fifth street.—Pulled 8 broken piles, and drove, chocked and fastened 11 fender piles. Finished October 7.

Bulkhead at Sixteenth street.—Drove, chocked and fastened 4 oak spring piles. Finished November 23.

Bulkhead at Seventeenth street.—Fastened 2 cleats on bulkhead for use of tug boats. Finished April 23.

Bulkhead at Eighteenth street.—Drove 13 bearing piles; laid 35 feet of longitudinal and 68 feet of transverse caps, 111 feet of rangers, and 92 feet of backing log; drove 1 spruce and 3 oak fender piles, set 1 mooring post; put on 2 fenders, 1 corner band, and laid 618 square feet of new 4-inch North Carolina yellow pine plank in deck. Finished August 2.

Public Bath at Nineteenth street.—Built stairway and platform for gang-plank, and fastened 4 fender floats to bath. Finished August 10.

Public Bath at Nineteenth street.—Removed fender floats from bath, and secured them in "Timber Basin" at Fifty-seventh street, North river. Finished October 16.

Pier at Nineteenth street.—Removed stairway and platform from pier. Finished October 21.

Dump at Twenty-second street.—Drove and fastened 2 bearing and 7 fender piles. Finished October 18.

Pier at Twenty-sixth street.—Drove, chocked and fastened 17 spring piles; laid 3,000 square feet of 3-inch North Carolina yellow pine sheathing and 139 feet of backing log; set coal derrick; patched 24 square feet of deck and 186 square feet of sheathing with second-hand plank, drove, chocked and fastened 1 spring and 1 fender pile; put on 6 fenders and refastened old fenders. Finished October 18.

Pier at Bellevue Hospital.—Laid 3,713 square feet of 3-inch North Carolina yellow pine deck; sheathed 270 lineal feet of backing log with 3-inch North Carolina yellow pine; put on 17 square fenders with 5-inch second-hand yellow pine plank; chocked and fastened 3 spring piles, and put on 4 cleats. Finished July 14.

Pier at Twenty-eighth street.—Drove 6 bearing piles: put in caps and rangers; patched 693 square feet of deck with second-hand plank; laid 598 square feet of deck with 4-inch North Carolina yellow pine plank; 1,178 square feet of 3-inch North Carolina yellow pine sheathing; relaid 195 square feet of old sheathing; put on and chocked 9 oak fenders; laid 67 feet of backing log; sheathed old backing log, and set 1 mooring post. Finished September 30.

Pier at Twenty-eighth street.—Patched 108 square feet of deck with second-hand plank. Finished November 13.

Site of proposed Pier at Thirty-first street.—Drove test piles. Finished May 13.

Pier at Thirty-first street.—Drove, chocked and bolted 4 oak fender piles. Finished February 26.

Site of proposed pier at Thirty-second street. Drove test piles. Finished May 14.

Pier at Thirty-second street.—Drove, chocked and bolted 4 oak fender piles. Finished February 26.

Pier at Thirty-third street.—Drove, chocked and fastened 5 spring piles, and laid 464 feet, board measure, 3-inch North Carolina yellow pine sheathing. Finished September 1.

Pier at Thirty-third street.—Fastened a loose spring pile. Finished September 17.

Bulkhead at Thirty-fifth street.—Drove, chocked and fastened 16 oak fender piles; set 1 mooring post, and laid 13 lineal feet of 12 x 12-inch timber in bulkhead. Finished May 22.

Bulkhead at Thirty-sixth street.—Laid 8 lineal feet of 14 x 14 inch timber in bulkhead; set 1 mooring post; cut off and trimmed pile heads, and chocked and fastened fender piles. Finished May 12.

Public Bath at Thirty-seventh street.—Fastened 4 fender floats to bath. Finished June 2.

Public Bath at Thirty-seventh street.—Repaired fender floats and refastened them to bath with chains. Finished August 13.

Public Bath at Thirty-seventh street.—Removed fender floats from bath, and secured them in timber basin at Fifty-seventh street, North river. Finished October 16.

Pier at Thirty-seventh street.—Closed and planked over gangway. Finished October 23.

Dump at Forty-sixth street.—Drove, chocked and fastened to oak spring piles. Finished August 18.

Site of proposed Rubble Wall and Bulkhead between Forty-ninth and Fifty-first streets.—Drove test piles. May 14.

Platform between Forty-ninth and Fifty-first streets.—The contractor began tearing up platform December 11, and work was stopped by an injunction December 20.

Platform north side of Fifty-second street.—Drove 6 bearing piles; laid caps, rangers and backing log, and patched 470 square feet of deck with 3-inch North Carolina yellow pine planking. Finished October 15.

Pier at Fifty-fourth street.—Cleaned earth from pier; loaded it on scow, and discharged it in rear of bulkhead wall at Charlton street, North river. Finished August 30.

Bulkhead between piers at Sixtieth and Sixty-first streets.—Cleaned platform, and filled holes in rear of bulkhead with stone and earth. Finished April 9.

Bulkhead at Sixty-first street.—Removed earth from platform; ripped up old bulkhead; drove 2 spruce bearing piles; 4 spruce and 3 oak fender piles; put in caps, rangers and backing log; laid 260 square feet of new 4-inch yellow pine deck, and set a mooring post. Finished August 16.

Platform on north side of Sixty-first street.—Removed platform and caps; drove and stay-lathed 21 bearing piles; put on 173 feet of caps; 386 feet of rangers; laid 546 square feet of deck, and set a mooring post. Finished October 28.

Dump at Seventieth street.—Ripped up old deck; drove 9 bearing and 5 fender piles; put down 52 feet of caps, 283 feet of stringers; 158 feet of backing log, and laid 2,348 square feet of deck with second-hand plank. Finished November 12.

Pier at Eighty-sixth street.—Removed old deck; drove 1 fender and 12 bearing piles; laid 428 feet of rangers, 148 feet of caps, and 38 feet of backing log; put on 7 square and 8 half-round fenders; set 2 mooring posts; laid 865 square feet of roadway, and 2,650 square feet of 3-inch North Carolina yellow pine sheathing. Finished June 25.

HARLEM RIVER.

Pier at One Hundred and Sixth street.—Laid 564 square feet 3-inch North Carolina yellow pine in deck. Finished July 2.

Public Bath at One Hundred and Twelfth street.—Fastened 4 fender floats to bath; cut out gangway, and put on 3 mooring cleats. Finished June 19.

Public Bath at One Hundred and Twelfth street.—Removed fender floats from bath, and secured them inside of timber basin at Fifty-second street, North river. Finished October 16.

Pier at One Hundred and Twelfth street.—Closed gangway. Finished October 23.

Pier at One Hundred and Seventeenth street.—Drove 1 spring and 2 mooring piles; patched 303 square feet of deck, 786 square feet of sheathing with second-hand plank, and laid 1,632 square feet of new 3-inch North Carolina yellow pine sheathing. Finished June 12.

Foot of One Hundred and Twenty-third street.—Drove 13 test piles. Finished October 4.

Pier at One Hundred and Twenty-fifth street.—Patched 1,380 square feet of deck; laid 3,524 square feet of new 3-inch North Carolina yellow pine sheathing, 95 feet of backing log, and set a mooring post. Finished June 30.

Bulkhead at One Hundred and Twenty-ninth street.—Removed old deck and caps; let in 299 feet of new caps; drove 2 bearing, 2 fender and 3 spring piles; patched 1,054 square feet of deck, and laid 1,135 square feet of new 3-inch North Carolina yellow pine sheathing. Finished July 1.

BLACKWELL'S ISLAND.

Penitentiary Coal Pier.—Drove 10 bearing and 8 spruce fender piles; laid 157 feet of rangers, 33 feet of caps, 48 feet of backing log; set a mooring post; reset coal derrick; laid 330 square feet of new 3-inch North Carolina yellow pine sheathing, and 396 square feet of deck. Finished June 6.

Riverside Hospital Pier.—Drove 1 spruce spring pile; refastened 5 old spring piles; laid 36 feet of backing log, and rebuilt gangway. Finished July 8.

Workhouse Pier.—Drove 14 oak spring piles. Finished November 23.

WARD'S ISLAND.

Hospital Pier.—Drove, chocked and fastened 5 spring piles; redrove 1 pile; set a mooring post, and laid 166 square feet of 3-inch North Carolina yellow pine sheathing. Finished August 26.

Statement of Dredging Done during the Year ending April 30, 1881.

	DATE.	NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.		BY WHOM PERFORMED.		
			CLASS 1. CRIBWORK.			CLASS 2.	
			A. Crib.	B. Timber between Crib.			
NORTH RIVER.							
Pier, old 21.....	Sept. ...	393	Class 2				
	Oct. ...	576	" 2				
Pier, old 29.....	Oct. ...	2,834	" 2		Union Dredging Co.		
	May ...	1,438	" 1 A		Union Dredging Co.		
	May ...	7,164	" 2				
	June ...	3,933	" 1 A				
Chambers street section, bulkhead wall	June ...	641	" 1 B				
	June ...	10,729	" 2				
	July ...	1,151	" 1 A				
	July ...	477	" 1 B				
	July ...	4,475	" 2				
	May ..	271	" 1 A	6,522	1,118	22,368	Union Dredging Co.
	May ...	11,080	" 2				
	June ...	1,184	" 1 A				
Pier, new 21.....	June ...	8,123	" 2				
	July ...	2,300	" 1 A				
	July ...	967	" 1 B				
	July ...	10,051	" 2				
	Aug ...	564	" 1 A				
	Aug ...	490	" 2				
Beach street section, bulkhead wall.....	May ...	1,553	" 2	4,319	967	29,744	Union Dredging Co.
Pier, new 26.....	May ...	1,156	" 2			1,553	Union Dredging Co.
	Oct ...	13,156	" 2			1,156	Union Dredging Co.
	Nov ...	8,203	" 2				
Laight street section, bulkhead wall ...	Dec ...	1,091	" 2				
	March ...	1,481	" 1 A				
	March ...	1,639	" 2				
	Oct ...	5,152	" 2	1,481		24,089	Union Dredging Co.
Pier, new 28.....	Dec ...	2,928	" 2				
	Feb ...	966	" 2				
	March ...	690	" 2				
	Aug ...	695	" 2				
Pier, new 36.....	Sept ...	21,844	" 2			9,936	Union Dredging Co.
	Oct ...	11,727	" 2				
	Dec ...	3,543	" 2			34,266	Union Dredging Co.
	Jan ...	497	" 2				
Pier, new 40 (north side)	Feb ...	15,748	" 2				
	March ...	10,869	" 2				
	April ...	2,014	" 2				
	May ...	15,819	" 2			32,671	Union Dredging Co.
	June ...	2,781	" 2				
	July ...	15,664	" 2				
Pier, new 41.....	Aug ...	2,553	" 2				
	Sept ...	5,033	" 2				
	Oct ...	197	" 2				
	March ...	15,167	" 2				
	April ...	20,805	" 2				
	June ...	12,318	" 2			78,019	Union Dredging Co.
Slip between Piers, new 42 and 43.....	July ...	2,428	" 2				
	Oct ...	3,781	" 2				
Dump at Twelfth street.....	July ...	1,091	" 2			18,527	Chandler H. Loomis.
Pier 57 (Bloomfield street).....	Sept ...	2,848	" 2			1,091	Union Dredging Co.
Slips between piers at Twenty-second and Twenty-third streets.....	Aug ...	14,647	" 2			2,848	Union Dredging Co.
Slip between piers at Twenty-third and Twenty-fourth streets.....	July ...	1,162	" 2			14,647	Chandler H. Loomis.
	Aug ...	15,765	" 2				
	Oct ...	2,872	" 2			16,927	Chandler H. Loomis.
	Nov ...	28,706	" 2				
West Twenty-third street section, bulkhead wall.....	Dec ...	24,736	" 2				
	March ...	3,532	" 2				
	April ...	16,069	" 2				
	Nov ...	2,979	" 2			75,915	Union Dredging Co.
	Dec ..	4,037	" 2				
Pier, new 54.....	Feb ...	2,149	" 2				
	March ...	13,250	" 2				
	April ...	1,262	" 2				
	Dec ...	894	" 2			23,677	Union Dredging Co.
Pier, new 55.....	Mar ...	2,505	" 2				
	April ...	18,744	" 2				
Pier, new 56.....	April ...	7,704	" 2			22,143	Union Dredging Co.
Pier at Thirty-fifth street.....	Aug ...	1,895	" 2			7,704	Union Dredging Co.
	Sept ...	2,775	" 2				
Dump at Forty-seventh street.....	Oct ...	1,162	" 2			4,670	Chandler H. Loomis.
Pier at Fifty-seventh street.....	July ...	2,555	" 2			1,162	Union Dredging Co.
	Aug ...	13,320	" 2				
						15,875	Chandler H. Loomis.
EAST RIVER.							
Pier 12 (south side).....	Mar.) and April)	1,200	" 1 A				
	March.	1,456½	" 2				
	April..	1,162	" 2				
Pier 37.....	July ...	1,128	" 2	1,200		2,618½	Warren Rosevelt.
Dump at Market street.....	Sept ...	774	" 2			1,128	Union Dredging Co.
Slip at Jackson street.....	June ...	746	" 2			774	Union Dredging Co.
Slip between Piers 56 and 57.....	June ...	3,207	" 2			746	Union Dredging Co.
						3,207	Union Dredging Co.

	DATE.	NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.			BY WHOM PERFORMED.
			CLASS 1. CRIBWORK.		CLASS 2.	
			A. Cribs.	B. Timber between Cribs.	Mud.	
Bulkhead at Tompkins street.....	June ..	595	Class 2	.....	595	Union Dredging Co.
Dump at Seventeenth street.....	July ..	590	" 2	.....	590	Union Dredging Co.
Pier at Eighteenth street.....	July ..	2,116	" 2	.....	2,116	Union Dredging Co.
Slip between Piers at Twenty-sixth and Twenty-eighth streets.....	Sept. ..	23,825	" 2	.....	23,825	Chandle rH. Loomis
Pier at Twenty-ninth street.....	June ..	1,576	" 2	.....	1,576	Union Dredging Co.
Bulkhead at Thirtieth street.....	June ..	304	" 2	.....	304	Union Dredging Co.
New Pier at Thirty-first street.....	Sept. ..	2,184	" 2	.....	2,184	Ross & Sanford.
Pier at Thirty-second street.....	June ..	705	" 2	.....	705	Union Dredging Co.
New Pier at Thirty-second street.....	Aug. ..	2,649	" 2	.....	2,649	Ross & Sanford.
Dump at Forty-sixth street.....	July ..	324	" 2	.....	324	Union Dredging Co.
HARLEM RIVER.						
Pier at One Hundred and Seventeenth street.....	June ..	1,582	" 2	.....	1,582	Union Dredging Co.
Total dredging for the year.....	.....	.....	.....	13,522	2,085	487,804½
Total by Union Dredging Company.....	.....	.....	.....	12,322	2,085	385,882
“ Chandler H. Loomis.....	.....	.....	.....	.....	.....	94,471
“ Warren Roosevelt.....	.....	.....	.....	1,200	.....	2,618½
“ Ross & Sanford.....	.....	.....	.....	.....	.....	4,833

The following Dredging was done under the Superintendence of the Department on Account of other Parties.

	DATE.	NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.		
			CLASS 1.		CLASS 2. MUD.
			A. Crib.	B. Tim- ber be- tween Crib.	
NORTH RIVER.					
Pier, new 42 (south side).....	May ..	4,352	Class 2		
	June ..	407	" 2		
	July ..	1,564	" 2		
EAST RIVER.					
Pier 12 (north side).....			1,200		2,618½
Total.....			1,200		8,941½

Statement of Stock On Hand, Purchased, Fabricated, and Issued at Gansevoort Street Yard during the Year ending April 30, 1881.

Amount of Stock on hand May 1, 1880.....	\$12,174 77
Purchased from May 1, 1880, to April 30, 1881.....	24,257 74
Fabricated (64 blocks) from May 1, 1880, to April 30, 1881.....	19,957 26 3/4
Total to be accounted for.....	\$56,389 77 3/4

Issued to the following sections—

Floating property.....	\$861 62 3/4
West Twenty-third street section.....	2,579 33
Christopher street section.....	547 62
Leroy street section.....	93 38 3/8
Charlton street section.....	3,864 46 3/4
Spring street section.....	22 93 1/4
New King street section.....	1 87 1/2
Morton street section.....	34 36 2/3
Houston street section.....	12 35
Chambers street section.....	9,649 32 7/10
Beach street section.....	6,228 63 3/8
Laight street section.....	154 91 3/4
General repairs.....	849 96 3/4
East Seventeenth street yard.....	15 01 1/8
Pier, new 1, N. R.....	1 27 1/2
Department Office.....	9 77 1/8
Gansevoort street yard.....	13,743 74 7/10
	38,670 61 7/10

Balance on hand, May 1, 1881..... \$17,719 16 1/8

Statement of Granite (Rough and Cut), on Hand, Purchased and Issued, at East Seventeenth Street Yard, during the Year ending April 30, 1881.

KIND.	ON HAND MAY 1, 1880. CUBIC FT.	RECEIVED DURING YEAR.	ISSUED DURING YEAR.	ON HAND MAY 1, 1881. CUBIC FT.	RATE.	AMOUNT.
Headers and Stretchers, old lot (cut).....	234.1	.....	.....	234.1	\$0 30	\$70 23
Headers and Stretchers, old lot (rough).....	93.4	.....	.....	93.4	30	36 43
Headers and Stretchers, new lot (Tillson).....	353.09	.....	290.53	62.56	62	38 79
Headers and Stretchers, new lot (Hogan).....	403.91	15,089.1	10,369.18	5,123.83	63	3,228 00
Headers and Stretchers, new lot (Hogan).....	301.42	20.68	289.33	32.77	50	16 38
Headers and Stretchers, new lot (Hall).....	2,041.4	30.5	1,975.13	66.77	64	61 93
Vousoirs.....	845.87	.....	845.87	.....	30	253 76
Spandrel and End Stones.....	457.75	.....	457.75	.....	30	137 32
Corner, End, and Key Stones.....	442.0	.....	442.0	.....	30	132 60
Headers and Stretchers, fine cut.....	149.95	.....	149.95	.....	30	44 99
Rough.....	313.43	.....	59.53	253.90	30	76 17
Coping, new lot (Hall).....	3,997.60	82.00	705.5	3,374.10	69	2,328 06
Headers and Stretchers (Hall).....	45.3	.....	45.3	.....	60	27 18
Headers and Stretchers (Hall).....	52.6	.....	52.6	.....	55	28 93
Coping (Hall).....	172.8	.....	172.8	.....	60	103 68
Coping (Darragh).....	2,929.05	.....	2,106.55	822.5	63	518 17
Headers and Stretchers (Tillson).....	4,843.34	.....	47.94	4,795.4	85	4,076 09
Headers and Stretchers ("Cape Ann G. Co.").....	3,653.88	.....	3,653.88	.....	80 1/2	2,941 37
Total amount on hand.....						\$14,120 08

Statement of Work done by Private Parties under Supervision of the Engineer-in-Chief, by Order of or under Permit from the Board of Docks.

NORTH RIVER.
Pier, new 1.—Erection of shed on pier by Iron Steamboat Company. Begun April 6. Work in progress.
Pier 8.—Erection of platform on south side of pier, and shed on platform and pier, by Central Railroad Company of New Jersey. January 17 to April 30.
Pier 9.—Extension of shed at inshore end by Clark and Seaman. Finished May 15.
Pier 22.—Platform south side. Driving of 5 fender piles by Stevens and Condit. Finished December 7.
Bulkhead between Piers 25 and 27.—Repairs to bulkhead and platform by T. and A. Walsh. May 29 to July 12.

Pier 29.—Driving of fender piles at outer end of pier by H. DuBois and Sons. December 7 to 13.
Bulkhead between Piers, new 20 and new 21.—Moving back of buildings by New York, Lake Erie and Western Railroad Company. Finished July 12.
Pier, new 21.—Erection of shed on pier by New York, Lake Erie and Western Railroad Company. Begun January 3. Work in progress.
Pier, new 26.—Erection of shed on pier by Old Dominion Steamship Company. Begun January 12, 1879. Work in progress.
Pier, new 35.—Repairs to outer end by George Younge. July 26 to December 30.
Pier, new 35.—Extension of the shed eastwardly to new bulkhead by George Younge. February 25 to April 21.
Pier, new 37.—Moving shed by the Inman Steamship Company. October 16 to 27.
Pier, new 46.—Repairing Croton water supply pipe by Henderson Brothers. February 28 to March 10.
Bulkhead at Bank street.—Erection of an ice bridge, 168 feet long, by the Knickerbocker Ice Company. May 20 to 25.
Pier at Thirtieth street.—Erection of an ice platform and scales on north side of pier by Andrews and Stenden. May 13 to 18.
Pier at Thirty-fourth street. Erection of a ferry-rack and bridge north of the pier by Daniel Butterfield. June 3 to 8.
Foot of Thirty-ninth street.—Erection of an ice platform, 7x81 feet, by Peter McDonnell. May 5 to 6.
Pier at Forty-third street.—Repairing inner 171 feet of pier by the Knickerbocker Ice Company. April 12, 1880, to May 5.
Bulkhead between Forty-fourth and Forty-sixth streets.—Building of a rip-rap retaining embankment along the south side of Pier at Forty-sixth street, and filling in behind new bulkhead by the Municipal Gas Light Company. August 20, 1877, to August 2.
Pier at Forty-sixth street.—Repairs to the deck by John H. Benner. November 30.
Between Forty-seventh and Forty-eighth streets.—Erection of a platform by Allen and Stevens. March 22 to April 4.
Bulkhead at Sixty-eighth street.—Building a rip-rap retaining embankment along the centre line of Sixty-eighth street, and filling in behind same by the New York Central and Hudson River Railroad Company. January 9, 1880, to August 7.

EAST RIVER.

Pier 6.—Repairing the pier, by John H. Starin. October 7 to January 26.
Piers 9 and 10.—Sheathing decks, by S. A. Jenks & Co. Finished September 25.
Piers 17 and 18.—Driving spring piles, by the owners. September 2.
Pier 18.—Repairing the sheathing, by S. A. Jenks & Co. Finished August 12.
Piers 20 and 24.—Driving fender piles, by S. A. Jenks & Co. Finished March 20.
Pier 36.—Driving bracing piles under the pier, by Warren Roosevelt. February 9 to 25.
Pier 38.—Repairs to part next outer crib, by Maine Steamship Company. October 15 to November 10.
Pier 40.—Lengthening the pier, by Phelps Brothers. July 31 to September 25.
Pier 41.—Repairs to easterly side, by Warren Roosevelt. Finished October 21.
Pier 46.—Repairs to outer end, by Joseph V. Brown. Finished November 23.
Pier 49.—Driving fender piles around the pier, by Warren Roosevelt. April 12 to 19.
Pier 50.—Dredging slip adjacent to westerly side, by the New York, New Haven and Hartford Railroad Company. June 19 to 22.
Pier 50.—Building platform adjacent to westerly side, by the New York, New Haven and Hartford Railroad Company. June 28 to September 13.
Pier 50.—Erection of shed on platform, by the New York, New Haven and Hartford Railroad Company. August 11 to September 18.
Bulkhead at Montgomery street.—Construction of culvert through bulkhead, by the Department of Public Works. May 3 to 18.
Pier 52.—Erection of an ice platform 6 x 78 1/2 feet on the bulkhead east of pier, by Menzie & Wheeler. May 6 to 27.
Pier 54.—Repairing pier, by H. DuBois & Sons. Finished October 22.
Pier 56.—Rebuilding bulkhead adjoining, and building ferry-racks and platforms, by the New York Ferry Company. May 8 to January 11.
Pier 68.—Removal of office from, to Pier 24, by the Harlem and New York Navigation Company. November 1.
Pier at Fifth street.—Repairs to part broken down in 1879, by Joseph V. Brown. November 25 to December 2.
Pier at Seventh street.—Repairing the pier, by William H. Webb. July 22 to September 28.
Pier at Nineteenth street.—Repairing the pier, by W. H. Brookman. April 19, 1880, to July 31.
Between Thirty-third and Thirty-fourth streets.—Building ferry slip, by the East River Ferry Company. June 7 to August 4.
Foot of Seventy-third street.—Erection of dumping board, by Farley & McCabe. July 8 to 13.

HARLEM RIVER.

Between One Hundred and Eighteenth and One Hundred and Nineteenth streets.—Erection of a platform by Julius Jonson. January 19 to February 25.
Foot of One Hundred and Twentieth street.—Cutting of landing stairs in platform foot of street by the New York House of Refuge. June 11 to 14.
Bulkhead at foot of Second avenue.—Insertion of drain-pipe in bulkhead by the Manhattan Railroad Company. June 15.

The following Work was done by Private Parties during the Year ending April 30, 1880, and did not appear in that Year's Report.

NORTH RIVER.

Bulkhead between Piers 14 and 15.—Erection of an open shed by Central Railroad Company of New Jersey. February 15 to April 22.
Bulkhead between Forty-fifth and Forty-sixth streets.—Erection of a dumping board by the Municipal Gas Light Company. February 19 to 24.

EAST RIVER.

Foot of Houston street.—Erection of a building, 35 by 50 feet, on the "A" Pier by the Nassau Ferry Company. August 14 to March 31.

OFFICIAL DIRECTORY

City Library.
No. 12 City Hall, 10 A. M. to 4 P. M.
THOS. J. O'CONNELL, Librarian.

DEPARTMENT OF PUBLIC WORKS.
Commissioner's Office.
No. 31 Chambers street, 9 A. M. to 4 P. M.
HUBERT O. THOMPSON, Commissioner; FREDERICK H. HAMLIN, Deputy Commissioner.

FINANCE DEPARTMENT.
Comptroller's Office.
Nos. 19 and 20 New County Court-house, 9 A. M. to 4 P. M.
ALLAN CAMPBELL, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

LAW DEPARTMENT
Office of the Counsel to the Corporation.
Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.
Saturday, 9 A. M. to 4 P. M.
WILLIAM C. WHITNEY, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.
No. 49 Beekman street, 9 A. M. to 4 P. M.
ALGERNON S. SULLIVAN, Public Administrator.

Office of the Corporation Attorney.
No. 49 Beekman street, 9 A. M. to 4 P. M.
WILLIAM A. BOYD, Corporation Attorney.

POLICE DEPARTMENT.
Central Office.
No. 300 Mulberry street, 9 A. M. to 4 P. M.
STEPHEN B. FRENCH, President; SETH C. HAWLEY, Chief Clerk.

COMMISSIONERS OF ACCOUNTS.
No. 1 County Court-house, 9 A. M. to 4 P. M.
WM. PITT SHEARMAN, JOHN W. BARROW.

LEGISLATIVE DEPARTMENT.
Office of Clerk of Common Council.
No. 8 City Hall, 10 A. M. to 4 P. M.
WILLIAM SAUER, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.
No. 12 City Hall, 10 A. M. to 4 P. M.
THOS. J. O'CONNELL, Librarian.

DEPARTMENT OF PUBLIC WORKS.

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POLICE DEPARTMENT.

Central Office.
No. 300 Mulberry street, 9 A. M. to 4 P. M.
STEPHEN B. FRENCH, President; SETH C. HAWLEY, Chief Clerk.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 8:30 A. M. to 5:30 P. M.
THOMAS S. BRENNAN, President; GEORGE F. BRITTON, Secretary.

FIRE DEPARTMENT.

Headquarters.

Nos. 155 and 157 Mercer street.
JOHN J. GORMAN, President; CARL JUSSEN, Secretary.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.
CHARLES F. CHANDLER, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

No. 36 Union square, 9 A. M. to 4 P. M.
EDWARD P. BARKER, Secretary.

Civil and Topographical Office.

Arsenal, 64th street and 5th avenue, 9 A. M. to 5 P. M.
Office of Superintendent of 23d and 24th Wards.
146th street and 3d avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Nos. 11 and 119 Duane street, 9 A. M. to 4 P. M.
JOHN R. VOORHIS, President; JOHN T. CUMING, Secretary.

DEPARTMENT OF TAXES AND ASSESSMENTS

Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
THOMAS B. ASTEN, President; ALBERT STOKER, Secretary.

DEPARTMENT OF STREET CLEANING.

51 Chambers Street, Rooms 10, 11 & 12, 9 A. M. to 4 P. M.
JAMES S. COLEMAN, Commissioner; M. J. MORRISON, Chief Clerk.

BOARD OF ASSESSORS.

Office, City Hall, Room No. 11½, 9 A. M. to 4 P. M.
JOHN R. LYDECKER, Chairman; WM. H. JASPER, Secretary.

BOARD OF EXCISE.

Corner Bond street and Bowery, 9 A. M. to 4 P. M.
WILLIAM P. MITCHELL, President; ANTHONY HARTMAN, Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house 9 A. M. to 4 P. M.
PETER BOWE, Sheriff; JOEL O. STEVENS, Under Sheriff

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.
AUGUSTUS T. DOCHARTY, Register; J. FAIRFAX McLAUGHLIN, Deputy Register.

COMMISSIONER OF JURORS.

No. 17 New County Court-house, 9 A. M. to 4 P. M.
GEORGE CAULFIELD, Commissioner; ALFRED J. KEEGAN, Deputy Commissioner

THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE obtained at No. 2 City Hall (northwest corner basement). Price three cents each.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK.
No. 301 MOTT STREET,
NEW YORK, December 27, 1881.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office on the 27th day of December, 1881, the following resolution was adopted:

Resolved, That under the power conferred by law upon the Health Department, the following additional ordinance of the Sanitary Code for the security of life and health, be and the same is hereby adopted, and declared to form a portion of the Sanitary Code:

§ 206. That no privy vault or cess-pool shall be allowed within thirty feet of any tenement or lodging house, hotel or manufactory in the City of New York, of a greater depth than two feet; nor unless it be connected at the upper end with the Croton-water and at the lower end with the street sewer, and provided with an outlet at the lowest point and on the bottom, so as to admit of the complete discharge of the contents whenever the outlet is opened and the vault or sink is flushed with water. The sides and bottom of every privy vault, cess-pool, or school sink in the City of New York must be impermeable and secured against any saturation of the walls or the ground about the same.

CHARLES F. CHANDLER, President.

[J. S.] EMMONS CLARK, Secretary.

FIRE DEPARTMENT.

HEADQUARTERS
FIRE DEPARTMENT CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, January 14, 1882.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THIS Department with Four (4) Steam Fire Engines, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 10 o'clock A. M., Saturday, 28th instant, at which time and place they will be publicly opened by the head of said Department and read.

The award of the contract will be made as soon as practicable after the opening of the bids.
Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The engines are to be what is known as first-size double-pump and cylinder steam fire-engines.
The boilers to be vertical, 35 inches diameter, and 63 inches high, to be made of best steel boiler plate, having copper smoke-flues, and hanging tubes of lap-welded iron, each hanging tube having circulating strips. To be of sufficient strength to bear twice the pressure ever required in doing fire duty, and to have ample steaming capacity to keep up a full head of steam while doing the heaviest work. To be covered with Russia iron, properly banded with brass bands, nickel plated. To have one safety valve made of composition.

The boilers to be in all respects as to form and construction exactly similar to that now on Engine No. 33 of this Department, being M. R. Clapp's Circulating Tubular Boiler, patent of 1878.

The boiler to be surmounted with a dome of brass.
The main pumps to be double-acting, made entirely of composition, with cylinders each 4½ inches diameter, and having a stroke of 7 inches, to have 3 discharge gates and an automatic relief valve.

The steam cylinders to be 8 inches diameter, each having a stroke of 7 inches, and to be fitted to a bed plate containing the steam passages.
The steam cylinders, steam chest, and bed plate to be cased in brass, nickel-plated.

The air chambers to be made of copper, nickel-plated.
The engine to be a fresh-water tank to connect with feed pumps, also suitable fresh water connection.

The wheels to be the Archibald Pattern, made of selected timber, prepared in the best manner, painted with best English vermilion and striped with gold leaf.
The tires to be 3 inches wide, ¾ inch thick.

The coal bunker to be of strong iron, and to be painted same as wheels.

The axles, frames, braces, etc., to be made of Bessemer steel.
The boilers to be hung on half elliptic springs, similar in every respect to the crane-neck engines now in use in this Department.

The brake to be arranged to bear upon the rear wheels, and so constructed as to be controlled by the driver.

The suction hose to be smooth bore, in two lengths, and each length to have suitable couplings, the thread to be the same as on suction and hydrants in use by this Department.

The hydrant connection to have two female couplings, one 4½ inches diameter, and one 2½ inches diameter, and to have same thread as suction on large coupling, and regulation thread on the 2½ inch.

The drawing rig to be such that the engines may be drawn by horses. There is to be a driver's seat upon the forward part of the engines, fitted with cushions, two lanterns, and whistles.

The engines to be fitted up with pole and whiffletrees for horses.

All stuffing boxes to be so constructed as to take up while engine is running.

Each engine to be supplied with—
One nickel-plated steam-gauge.

One glass water-gauge, same as in use in this Department.

Four gauge-cocks tapped in boiler.

One surface blow-off and attachment for thaw-hose.

Two heater connect iron pipes.

One nickel-plated signal whistle.

One variable exhaust nozzle and steam jet.

Two number places on water tank.

One suction basket.

Two brass hose pipes, to have regulation thread.

Five nozzles.

One length thaw hose, 18 feet, and nozzle.

One fresh water connection of composition metal.

The safety and throttle valves, feed pumps, eccentric straps, connecting rod bearings, and pipe holders to be of composition.

All parts of the apparatus to be painted with English vermilion and striped with gold leaf, except air chamber, steam cylinders, dome, and working parts.

The engines to be what is known as "crane neck," and to be fully supplied with all necessary tools.

The engines are to be delivered at the Repair Shops of the Fire Department within 180 days after the execution of the contract, in complete working order, with a guarantee that the material and workmanship are of the best character, and to replace, at the expense of the contractor, such parts, if any, as may fail, if such failure is properly attributable to defective material or inferior workmanship. Said engines shall have a full and complete trial of their working powers at New York, under the superintendence of a competent engineer.

For information as to the amount and kind of work to be done, bidders are referred to the specifications and drawings, which form part of these proposals.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are, by a clause in the contract, fixed and liquidated at twenty-five (\$25) dollars per day.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof.

The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance in a sum not less than one-half the amount of the estimate; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made, and prior to the signing of the contract.

No estimate will be received or considered after the hour named.

No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate Box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk, and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract, and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will write out the amount of their estimate, in addition to inserting the same in figures.

The form of the agreement and specifications, and showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

JOHN J. GORMAN,
CORNELIUS VAN COTT,
HENRY D. PURROY,
Commissioners.

HEADQUARTERS
FIRE DEPARTMENT CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, January 14, 1882.

SEALED PROPOSALS FOR FURNISHING THIS Department with the following articles, to wit:

250,000 pounds Hay, of the quality and standard known as Good Sweet Timothy.
55,000 pounds good clean Rye Straw.
2,000 bags clean White Oats, 80 pounds to the bag.
1,300 bags Fine Feed, 60 pounds to the bag.

—will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 10 o'clock A. M., Saturday, 28th instant, at which time and place they will be publicly opened by the head of said Department and read.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the articles shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the articles to which it relates.

Proposals must include all of the items, specifying the price per cwt. for hay and straw, and per bag for oats and feed.

All of the articles are to be delivered at the various houses of the Department in such quantities and at such times as may be directed.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof.

The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance in a sum not less than one-half the amount of the estimate; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made, and prior to the signing of the contract.

No estimate will be received or considered after the hour named.

No estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate Box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk, and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will write out the amount of their estimate, in addition to inserting the same in figures.

The form of the agreement and specifications, and showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

JOHN J. GORMAN,
CORNELIUS VAN COTT,
HENRY D. PURROY,
Commissioners.

HEADQUARTERS
FIRE DEPARTMENT CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, January 14, 1882.

SEALED PROPOSALS FOR FURNISHING THIS Department with

HEADQUARTERS
FIRE DEPARTMENT CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, January 14, 1882.

SEALED PROPOSALS FOR FURNISHING THIS Department with

FOUR 4-WHEEL HOSE TENDERS

—will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 10 o'clock A. M., Saturday, 28th instant, at which time and place they will be publicly opened by the head of said Department and read.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the articles shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the articles to which it relates.

For information as to the amount and kind of work to be done, bidders are referred to the specifications and drawings, which form part of these proposals.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are, by a clause in the contract, fixed and liquidated at twenty-five (\$25) dollars per day.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies

HEADQUARTERS
FIRE DEPARTMENT CITY OF NEW YORK,
155 AND 157 MERCER STREET,
NEW YORK, January 14, 1882.

SEALED PROPOSALS FOR FURNISHING THIS Department with the following articles, to wit:

1,800 tons Egg Coal.
1,200 tons Stove Coal.
500 tons Furnace Coal.

—to be of the best quality of Pittston, Scranton, or Lackawanna Valley, weigh 2,000 pounds to the ton, and be well screened and free from slate, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 155 and 157 Mercer street, in the City of New York, until 10 o'clock A. M., Saturday, 28th instant, at which time and place

or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect, that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance in a sum not less than one-half the amount of the estimate; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be received or considered after the hour named.

No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The form of the agreement and specifications, and showing the manner of payment for the work, may be seen and forms of proposals may be obtained at the office of the Department.

JOHN J. GORMAN,
CORNELIUS VAN COTT,
HENRY D. PURROY,
Commissioners.

HEADQUARTERS
FIRE DEPARTMENT, CITY OF NEW YORK,
155 AND 157 MEKER STREET,
NEW YORK, September 23, 1881.

NOTICE IS HEREBY GIVEN THAT THE Board of Commissioners of this Department will meet daily, at 10 o'clock A. M., for the transaction of business.

By order of
JOHN J. GORMAN, President.
CORNELIUS VAN COTT,
HENRY D. PURROY,
Commissioners.

CARL JUSSEN,
Secretary.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
PROPERTY CLERK'S OFFICE,
No. 300 MULBERRY STREET (Room No. 39),
NEW YORK, January 16, 1882.

OWNERS WANTED BY THE PROPERTY CLERK of the Police Department of the City of New York, 300 Mulberry street, Room No. 39, for the following property now in his custody without claimants, boats, rope, iron, butter, clothing (male and female), revolvers, watches, jewelry, cotton, tobacco, case brushes and mirrors, wool, horse blankets, and coffee, also several amounts of money found and taken from prisoners by patrolmen of this Department.

C. A. ST. JOHN,
Property Clerk.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
300 MULBERRY STREET.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR BUILDING A SIDE-wheel Steamboat will be received at the Central Office of the Department of Police in the City of New York until 6 o'clock A. M., of Tuesday, the 31st day of January, 1882.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimate for building a Side-wheel Steamboat," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the estimate received will be publicly opened by the head of said Department and read.

The nature and extent of the work to be done, as near as it can be stated, is as follows: The building of a Side-wheel Steamboat—length over all, 155 feet; breadth moulded, 27 feet 6 inches; depth of hold, 9 feet.

For further particulars reference must be made to the plans and specifications on file in the office of the Chief Clerk of the Department.

Bidders will state in writing, and also in figures, a price for the Steamboat complete. The price is to cover the furnishing of all the materials and labor and the performance of all the work called for by the specifications, plans, drawings, and form of agreement.

No estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The entire work is to be completed within five months from the date of the contract. The person or persons to whom the contract may be awarded will be required to give security, in the manner prescribed by law, for the performance of the contract, in the sum of sixty thousand dollars.

Each estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested

therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, and herein stated, over and above all his debts of every nature, and over and above his liabilities, as bail, surety, and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

No estimate will be received or considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

No estimate for a sum in excess of sixty thousand dollars can be considered.

Plans may be examined and specifications and blank estimates may be obtained by application to the undersigned, at his office in the Central Department.

By order of the Board,
S. C. HAWLEY,
Chief Clerk.

NEW YORK, January 13, 1882.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
No. 300 MULBERRY STREET,
PROPERTY CLERK'S OFFICE (Room No. 39),
NEW YORK, December 17, 1881.

OWNERS WANTED BY THE PROPERTY CLERK of the Police Department of the City of New York, 300 Mulberry street, Room No. 39, for the following property now in his custody without claimants: Boats, rope, iron, butter, clothing (male and female), revolvers, watches, jewelry, cotton, tobacco, case brushes and mirrors, wool, horse blankets, and coffee, also several amounts of money found and taken from prisoners by patrolmen of this Department.

C. A. ST. JOHN,
Property Clerk.

SUPREME COURT.

In the matter of the application of Edward Cooper, Mayor of the City of New York; John Kelly, Comptroller of said city; John J. Morris, John W. Jacobus, and Bernard Goodwin, Aldermen of said city, in the Aldermanic District consisting of the Eighth, Ninth, Fifteenth, and Sixteenth Wards of the City of New York, for and on behalf of the Mayor, Aldermen, and Commonalty of the City of New York, under and pursuant to the provisions of an act of the Legislature of the State of New York, entitled "An Act to provide for the Establishment and Maintenance of a Public Market Place for Farmers and Market Gardeners in the City of New York, for the acquisition of Lands for this purpose, and for the Regulation and Management of the same," passed May 7, 1880, for the appointment of Commissioners of Estimate and Assessment for the purposes prescribed in said act.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots, and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That we have completed our estimate and assessment, and that all persons interested in these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, to present their objections, in writing, duly verified, to B. P. Fairchild, Esq., our Chairman, at the office of the Commissioners, No. 261 Broadway, Room 23, in the said city, on or before the 28th day of January, 1882, and that we, the said Commissioners, will hear parties objecting within ten week days next after the said 28th day of January, 1882, and for that purpose will be in attendance at our office on each of said ten days, at 3 o'clock in the afternoon.

Second.—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimate and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain till the 31st day of January, 1882.

Third.—That the limits embraced by the assessment aforesaid are as follows: All those lots, pieces or parcels of land situate, lying and being in the City of New York, included within the following boundaries, viz.: Commencing at the junction of the easterly side of Eleventh avenue and the southerly side of West Sixteenth street; thence easterly along the southerly side of West Sixteenth street to the westerly side of Eighth avenue; thence southerly along the westerly side of Eighth avenue to the northerly side of West Twelfth street (formerly Troy street); thence westerly along the northerly side of West Twelfth street to the westerly side of Hudson street; thence southerly along the westerly side of Hudson street to the northerly side of West Eleventh street; thence westerly along the northerly side of West Eleventh street to the easterly side of Thirteenth avenue; thence northerly along the easterly side of Thirteenth avenue to the easterly side of Eleventh avenue to the point or place of beginning.

Excepting from all the lands and premises above described so much thereof as is included within the areas of streets and avenues now opened and proposed to be opened by this proceeding. And also excepting from said land and premises all those certain lots, pieces and parcels of land belonging to the Mayor, Aldermen, and Commonalty of the City of New York, and situate on the easterly side of Thirteenth avenue, and between the northerly side of Bloomfield street and the southerly side of Twelfth street, commonly known as Little Twelfth street.

Fourth.—That our report herein will be presented to the

Supreme Court of the State of New York, at a Special Term thereof, to be held in the New Court-house, in the City of New York, on the 10th day of February, 1882, at the opening of court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, December 19, 1881.
B. P. FAIRCHILD,
WILLIAM H. WICKHAM,
N. NAUGHTON,
Commissioners.

In the matter of the application of the Commissioners of the Department of Public Parks, for and on behalf of the Mayor, Aldermen, and Commonalty of the City of New York, relative to acquiring title to that certain street or avenue, called Riverdale avenue, although not yet named by proper authority, from Broadway to Bailey avenue, in the Twenty-fourth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said court, to be held at the chambers thereof, in the County Court-house, in the City of New York, on Friday, the 27th day of January, 1882, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above entitled matter. The extent and nature of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen, and Commonalty of the City of New York, to all the land and premises, with the buildings thereon, and the appurtenances thereto belonging, required for the opening of Riverdale avenue, from Broadway to Bailey avenue, in the Twenty-fourth Ward of the City of New York, being the following described piece or parcel of land, viz.:

Beginning at a point (the intersection of the southern line of Riverdale avenue with the eastern line of Broadway) distant 859 79-100 feet east from the eastern line of Tenth avenue, measured on a line at right angles to the same from a point 19,482 3-100 feet northerly from the southeastern corner of One Hundred and Fifty-fifth street and Tenth avenue.

1. Thence northerly along a line whose direction is $0^{\circ} 49' 4''$ northwest of that of the eastern line of Tenth avenue for 62-1000 feet.

2. Thence, deflecting $82^{\circ} 23' 26''$ to the right, southeasterly for 17 6-100 feet.

3. Thence, deflecting $99^{\circ} 15' 32''$ to the right, southeasterly for 60 36-100 feet.

4. Thence, deflecting $83^{\circ} 44' 28''$ to the right, northeasterly for 633 79-1000 feet to the point of beginning.

Said piece or parcel of land is shown on a map or maps dated January 7, 1878, and filed by the Commissioners of the Department of Public Parks, in the Department of Public Parks, in the office of the Register of the City and County of New York, and in the office of the Secretary of State of the State of New York.

Dated New York, December 28, 1881.

WILLIAM C. WHITNEY,
Counsel to the Corporation.
Tryon Row.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, January 16, 1882.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from Chambers Street Hospital—Unknown man; age 30 years; 5 feet 8 inches high; dark brown hair, moustache; blue eyes.

Unknown man, from Fourth Precinct Station-house—Age about 30 years; 5 feet 3 inches high; brown hair; blue eyes. Had on black coat, gray cotton pants, white shirt, brown socks, gaiters.

Unknown woman, from Fourteenth Precinct Station-house—Age about 50 years; 5 feet 2 inches high; gray hair; blue eyes. Had on black merino dress, black quilted petticoat, brown calico skirt, white chemise, blue stockings, gaiters.

Unknown man, from Fourth Precinct Station-house—Age about 45 years; 5 feet 7 inches high; black hair, beard, and moustache; gray eyes. Had on black check jumper, red flannel shirt, gray knit undershirt, black pants, red woolen socks, gaiters. Memorandum book and letter addressed B. Schlitter, care of Charles Ifinger, 107 Eldridge street, found on his person.

Unknown man, from Twenty-seventh Precinct Station-house—Age about 35 years; 5 feet 6 inches high; black hair; brown moustache; blue eyes. Had on dark overcoat, brown mixed coat, dark vest, dark striped pants, brown check pants, white socks, low cut shoes.

Unknown man, from 316 Rivington street—Age about 35 years; 5 feet 6 inches high; brown hair, whiskers, and moustache; gray eyes. Had on brown and black striped sack coat, black alpaca coat, dark cotton pants, white woolen socks, white shirt, gaiters.

At Charity Hospital, Blackwell's Island—William McClure—Age 60 years. Nothing known of his friends or relatives.

At Workhouse, Blackwell's Island—Julia Dakin; age, 46 years; committed November 29, 1881, for six months. Nothing known of her friends or relatives.

At Lunatic Asylum, Blackwell's Island—Margaret Kane; age, 50 years; 4 feet 11 inches high; gray hair; blue eyes. Nothing known of her friends or relatives.

At Homeopathic Hospital, Ward's Island—Patrick O'Hara; age, 28 years; 5 feet 5 inches high; black hair; brown eyes. Had on when admitted, brown coat and pants, laced shoes, black hat. Nothing known of his friends or relatives.

Victor Ballenness; age, 46 years; 5 feet 3 inches high; brown eyes and hair. Had on when admitted, blue overcoat, dark pants and vest, black cap. Nothing known of his friends or relatives.

Patrick Fay; age, 54 years; 5 feet 3 inches high; gray eyes; sandy hair. Had on when admitted, dark suit of clothes, check shirt, gaiters. Nothing known of his friends or relatives.

Julius Heubner; age, 26 years; 5 feet 6 inches high; brown eyes and hair. Had on when admitted dark suit of clothes, black derby, gaiters. Nothing known of his friends or relatives.

Albert Kuschel; age, 21 years; 5 feet 8 inches high; brown hair and eyes. Had on when admitted, black felt hat, black coat, dark pants and vest, gaiters. Nothing known of his friends or relatives.

Margaret Caffrey; age, 27 years; 4 feet 10 inches high; blue eyes; red hair. Nothing known of his friends or relatives.

At N. Y. City Asylum for Insane, Ward's Island—Thomas McGarrol; age, 35 years; gray hair; 5 feet 6 1/2 inches high; brown eyes. Nothing known of his friends or relatives.

By order.

G. F. BRITTON,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, January 13, 1882.

PROPOSALS FOR 920 TONS WHITE ASH COAL.

PROPOSALS, SEALED AND INDORSED AS above, will be received by the Commissioners of Public Charities and Correction, at their office, until 9 o'clock A. M., Thursday, January 26, 1882, at which time they will be publicly opened and read by the head of said Department, for furnishing and delivering 920 tons of White Ash Coal, of the best quality, to be well screened and in good order. Each ton to consist of

2,240 pounds. None other will be accepted. All of said coal to be delivered as required, in about the following sizes and quantities, free of all expense, at the following places:

At Tombs, Centre Street, First District Prison—325 tons Egg size.
At Jefferson Market, Second District Prison—275 tons Grate size.
At Essex Street, Third District Prison—80 tons Egg size.
At 57th Street, Fourth District Prison—60 tons Egg size.
At 126th Street, Fifth District Prison—40 tons Egg size.
At 158th Street and Third Avenue, Sixth District Prison—10 tons Egg size.
At No. 66 Third Avenue—80 tons Egg size.
At 99th Street Reception Hospital—50 tons Egg size.

Proposals to state the particular description of coal to be delivered as known in the market, from what mine produced, and all particulars, to enable the Board to arrive at a proper decision.

The award of the contract will be made as soon as practicable after the opening of the bids.

No proposal will be considered unless accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that, if the contract be awarded under that proposal, they will, on its being so awarded, become bound as sureties in the estimated amount of fifty per cent. for its faithful performance, which consent must be verified by the justification of each of the persons signing the same for double the amount of surety required. The sufficiency of such security to be approved by the Comptroller.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will state the prices for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate, in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, issued on the completion of the contract, or from time to time, as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

JACOB HESS,
THOMAS S. BRENNAN,
HENRY H. PORTER,
Commissioners of the Department of Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, January 13, 1882.

PROPOSALS FOR 24,200 TONS WHITE ASH COAL.

PROPOSALS, SEALED AND INDORSED AS above, will be received by the Commissioners of Public Charities and Correction, at their office, until 9 o'clock A. M., Thursday, January 26, 1882, at which time they will be publicly opened and read by the head of said Department, for furnishing and delivering 24,200 tons of White Ash Coal, of the best quality, and in good order. Each ton to consist of 2,240 pounds. None other will be accepted. All of said coal to be delivered as required, in about the following sizes and quantities, free of all expense, without allowance for demurrage, at the following places:

Blackwell's Island—6,500 tons Grate size.
3,000 tons Egg size.
300 tons Stove size.

Ward's Island—5,500 tons Grate size.

Randall's Island—1,000 tons Grate size.

1,000 tons Egg size.

400 tons Stove size.

Hart's Island—1,500 tons Egg size.

Bellevue Hospital—2,800 tons Grate size.

200 tons Stove size.

At Steamboat Dock, foot East Twenty-sixth street, for use of Steamboats, in cargoes of about 200 tons per month—2,000 tons Grate size.

Proposals to state the particular description of coal to be delivered as known in the market, from what mine produced, and all particulars, to enable the Board to arrive at a proper decision.

The award of the contract will be made as soon as practicable after the opening of the bids.

No proposal will be considered unless accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that, if the contract be awarded under that proposal, they will, on its being so awarded, become bound as sureties in the estimated amount of fifty per cent. for its faithful performance, which consent must be verified by the justification of each of the persons signing the same for double the amount of surety required. The sufficiency of such security to be approved by the Comptroller.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons

making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but, if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

The Department of Public Charities and Correction reserves the right to decline any and all proposals if deemed to be for the public interest, and to accept an offer for the whole bid, or for any single article included in the proposal, and no proposal will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Blank forms of proposals and specifications, which are to be strictly complied with, can be obtained on application at the office of the Department, and all information furnished.

JACOB HESS,
THOMAS S. BRENNAN,
HENRY H. PORTER,
Commissioners of the Department of
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR GROCERIES, FEED,
CROCKERY, HARDWARE, ETC.

SEALED BIDS OR ESTIMATES FOR FURNISH-

ing GROCERIES, FEED, ETC.

- 50,000 pounds Brown Sugar.
- 50,000 " Hard Soap.
- 10,000 " Rice.
- 10,000 " Barley.
- 6,000 " Dairy Butter, sample on exhibition January 19, 1882.
- 5,000 pounds Cheese.
- 2,500 " Dried Apples.
- 2,500 " Coffee Sugar.
- 1,000 " Castile Soap.
- 1,000 " Cocoa.
- 500 bushels Beans.
- 200 " Peas.
- 300 quintals best quality Grand Bank Codfish, to be delivered in boxes of 4 quintals each.
- 200 sacks good quality Liverpool Salt, sacks to be full and clean, and to be delivered at Blackwell's Island.
- 100 barrels Crackers.
- 50 " Syrup.
- 100 Hams, prime city cured, to average not over 14 pounds each.
- 50 Tongues, prime city cured.
- 50 pieces Bacon, prime city cured.
- 25,000 Fresh Eggs, all to be candied.
- 50 gross Matches.
- 50 dozen Canned Tomatoes, 3 lb.
- 25 " " Peas, 2 lb.
- 20 " " Plums, 2 lb.
- 20 " " Peaches, 3 lb.
- 10 " " Lima Beans, 3 lb.
- 10 " " Lima Beans, 2 lb.
- 12 " Extract Lemon.
- 12 " " Vanilla.
- 1 case (100 halves) Sardines in Oil.
- 1,000 barrels good sound Irish Potatoes, to weigh 168 pounds net per barrel.
- 500 bales prime quality Timothy Hay.
- 500 " long bright Rye Straw.

- CROCKERY.
- 5 gross Mugs.
- 5 " Bowls.
- 5 " Cups.
- 5 " Saucers.
- 5 " Dinner Plates.
- 2 " Chambers.
- 2 " Tumblers.
- 2 " Spittoons.
- 1 " Bed Pans.
- 1 " Soup Plates.
- 1 " Spit Cups.

- PAINTS.
- 112 pounds Ult. Marine Blue.
- 250 " Chrome Green.
- 50 " Yellow Ochre.
- 50 " Drop Black.
- 50 " Raw Sienna.

- HARDWARE, ETC.
- 10 kegs 6d Cut Nails.
- 20 " 8d "
- 20 " 10d "
- 25 dozen Shoe Brushes.
- 10 " Dust Brushes.
- 100 pounds Sill Twine.

- LIME.
- 50 barrels W. W. Lime.
- 25 " Common Lime.
- 10 " Plaster Paris.

—or any part thereof, will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 9:30 o'clock A. M., of Friday, the 20th day of January, 1882. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Feed, Crockery, Hardware, etc.," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the head of said Department and read.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids. Delivery will be required to be made from time to time, at such time and in such quantities as may be directed by the said Department; but the entire quantity will be required to be delivered on or before thirty (30) days after the date of the contract.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, in the penal amount of fifty (50) per cent. of the estimated amount of the contract.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him, or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities, as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimates, but must be handed to the officer or clerk of the Department who has charge of the Estimate Book, and no estimate can be deposited in said book until such check or money has been examined by said officer or clerk, and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

The quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same respectively at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the prices for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate, in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, issued on the completion of the contract, or from time to time as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instruction of the Commissioners of Public Charities and Correction.

The Department of Public Charities and Correction reserves the right to decline any and all bids or estimates if deemed to be for the public interest, and to accept any bid or estimate as a whole, or for any one or more articles included therein. No bid or estimate will be accepted from, or a contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The form of the agreement, including specifications, and showing the manner of payment can be obtained at the office of the Department.

Dated New York, January 7, 1882.
THOMAS S. BRENNAN,
JACOB HESS,
HENRY H. PORTER,
Commissioners of the Department of
Public Charities and Correction.

FINANCE DEPARTMENT.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
January 18, 1882.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 4 OF CHAPTER 33 OF THE LAWS OF 1881, the Comptroller of the City of New York hereby gives public notice to property-owners that the following lists of assessments for local improvements in said city were confirmed by the "Board of Revision and Correction of Assessments" on the 7th day of January, 1882, and on the same date, were entered in the Record of Titles of Assessments kept in the "Bureau for the Collection of Assessments, and of Arrears of Taxes and Assessments, and of Water Rents," viz.:

122d street, regulating, grading, etc., from 10th avenue to Riverside Drive.

13th avenue, regulating, grading, etc., from 11th to 16th street.

153d street, regulating, grading, etc., between 10th avenue and St. Nicholas.

4th avenue, regulating, grading, etc., between 94th and 96th streets.

31st street, regulating, grading, etc., sidewalks, between 1st avenue and East river.

Water street, curb, gutter, and flagging, between Corlears and East streets.

81st street, flagging both sides, between 8th and 9th avenues.

9th avenue, flagging, between 71st and 72d streets.

45th street, fencing vacant lots, north side, between 9th and 10th avenues.

47th street, fencing vacant lots, southeast corner 9th avenue.

58th street, fencing vacant lots, north side, between 6th and 7th avenues.

59th street, fencing vacant lots, south side, between 6th and 7th avenues.

78th street, fencing vacant lots, north side, between 4th and Madison avenues, and 4th avenue, between 78th and 79th streets.

81st and 82d streets and Madison and 5th avenues, fencing block.

85th and 86th streets and Madison and 5th avenues, fencing block.

80th street, sewer, between 10th avenue and Boulevard.

81st street, sewer, between 10th avenue and summit east of 10th avenue.

82d street, sewer, between 1st avenue and Avenue B, etc.

82d street, sewer, between branch curve Avenue A, 102d street, sewer, between 3d and Lexington avenues.

113th street sewer, between 7th and 8th avenues.

118th street sewer, between 6th and 7th avenues.

119th street sewer, between 6th and 7th avenues.

123d street sewer, between 4th and Madison avenues.

Lexington avenue sewer, between 38th and 39 h streets.

Lexington avenue sewer, between 77th and 78th streets.

Lexington avenue sewer, between 106th and 108th streets.

Lexington avenue sewer, between 110th and 115th streets.

Lexington avenue sewer, between 126th and 127th streets.

Avenue B sewer, between 16th and 17th streets.

2d avenue, east side, sewer, between 61st and 62d streets, and west side, between 61st and 62d streets.

Section 5 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said record of titles of assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect, and receive legal interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears, at the "Bureau for the Collection of Assessments, and of Arrears of Taxes and Assessments, and of Water Rents," from 9 A. M. until 2 P. M., and all payments made thereon, on or before March 20, 1882, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the record of titles of assessments in said Bureau.

ALLAN CAMPBELL,
Comptroller.

INTEREST ON CITY STOCKS.

THE INTEREST ON THE BONDS AND STOCKS of the City of New York, due February 1, 1882, will be paid on that day by the Comptroller, at his office in the New Court-house.

The transfer-books will be closed from January 18 to February 1, 1882.

ALLAN CAMPBELL,
Comptroller.

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,
NEW YORK, January 12, 1882.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1857, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and Sheriffs' sales, in 61 volumes, full bound, price, \$100 00

The same, in 25 volumes, half bound, price, 50 00

Complete sets, folded, ready for binding, price, 15 00

Records of judgments, 25 volumes, bound, price, 10 00

Orders should be addressed to "Mr. Stephen Angell Comptroller's Office, New Court-house."

ALLAN CAMPBELL,
Comptroller.

NOTICE TO TAXPAYERS.

RELATING TO THE PAYMENT OF UNPAID TAXES, ASSESSMENTS, AND CROTON WATER RENTS.

THE COMPTROLLER OF THE CITY OF NEW York hereby gives notice to owners of real and personal estate in this city, that all unpaid taxes, assessments, and Croton water rents may now be paid with interest thereon at the rate of seven per cent. per annum, as provided by chapter 33 of the Laws of 1881, which is as follows:

CHAPTER 33.
AN ACT relative to the collection of taxes and assessments, and of arrears of taxes and assessments, and Croton water rents, in the City of New York.

(Passed March 16, 1881; three-fifths being present.)
The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. If any taxes of any year shall remain unpaid on the first day of November, after the assessment-rolls and the warrants to collect such taxes have been delivered to the Receiver of Taxes in the City of New York, it shall be the duty of said Receiver to give public notice, by advertisement for at least ten days in two of the daily newspapers, and in the CITY RECORD, printed and published in said city, respectively, that unless the same shall be paid to him at his office on or before the first day of December, in any such year, he will immediately thereafter proceed to collect such unpaid taxes, as provided in the following section of this act:

Section 2. If any such tax shall remain unpaid on the said first day of December, it shall be the duty of the said Receiver of Taxes in said city to charge, receive, and collect upon such tax so remaining unpaid on that day, in addition to the amount of such tax, one per centum on the amount thereof; and to charge, receive, and collect upon such tax so remaining unpaid on the first day of January thereafter, interest upon the amount thereof at the rate of seven per centum per annum, to be calculated from the day on which said assessment-rolls and warrants shall have been delivered to the said Receiver of Taxes to the date of payment.

The same rate of interest shall be so charged and collected upon any tax levied in the year eighteen hundred and eighty, remaining unpaid at the date of the passage of this act.

Section 3. All existing provisions of law which impose a charge and require the collection of interest at the rate of twelve per centum per annum upon arrears of taxes on real and personal estate within the City of New York, upon arrears of assessments for local improvements and street openings in said city, and upon arrears of Croton water rents in said city, are hereby repealed; and in lieu of such charge of interest at the rate of twelve per centum per annum, there shall be charged and collected by the officer authorized to collect and receive any such arrears of taxes and assessments and Croton water rents, interest upon the amount thereof at the rate of seven per centum per annum, to be calculated for the same period as is required by law to be calculated thereon. This provision shall apply to taxes, assessments, or Croton water rents remaining unpaid and due, for the non-payment of which the lands and tenements liable therefor shall be hereafter sold at public auction as now provided by law; provided, however, that nothing in this act shall be construed to affect the rights of purchasers at sales for taxes, assessments, or Croton water rents, heretofore made, or to authorize the redemption of lands and tenements from sales heretofore made for any lesser sums than the sums collectible for such redemption under the provisions of existing laws.

Section 4. It shall be the duty of the Comptroller of the City of New York to give public notice by advertisement: for at least ten days, in the CITY RECORD, printed and published in said city, immediately after the confirmation of any assessment for a local improvement or street opening in said city, that the same has been confirmed specifying the title of such assessment and the date of its confirmation by the Board of Revision and Correction of Assessments in proceedings for local improvements, and

by the Supreme Court in proceedings for street openings, and also the date of entry in the record of titles of assessments kept in the Bureau for the Collection of Assessments, and of Arrears of Taxes and Assessments, and of Croton water rents, notifying all persons, owners of property affected by any such assessment, that, unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of any such assessment, interest shall thereafter be collected thereon as provided in the following section of this act, and all provisions of law or ordinance requiring any other or different notice of assessments and interest thereon are hereby repealed.

Section 5. If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said record of titles of assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect, and receive legal interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment.

Section 6. This act shall take effect immediately.

ALLAN CAMPBELL,
Comptroller.
CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE, March 18, 1881.

ORDER OF THE COMPTROLLER OF THE CITY OF NEW YORK, CONSOLIDATING CERTAIN BUREAUX IN THE FINANCE DEPARTMENT.

SECTION 3 OF CHAPTER 521 OF THE LAWS of 1880, requires that heads of departments shall reduce the aggregate expenses of their respective departments by a reduction of salaries, and confers upon them authority to consolidate bureaux and offices for that purpose, as follows, to wit:

"In making the reduction herein required, every head of department may abolish and consolidate offices and bureaux, and discharge subordinates in the same department."

The Comptroller of the City of New York, in pursuance of the duty imposed and the authority thus conferred upon him, hereby orders and directs that the following Bureaux in the Finance Department shall be consolidated, the consolidation thereof to take effect on the first day of January, 1881, viz.:

First—"The Bureau or the Collection of Assessments, and "The Bureau for the Collection of Arrears of Taxes and Assessments, and of Arrears of Taxes and Assessments, and of Water Rents," shall be consolidated as one bureau, and on and after January 1, 1881, shall be known as "The Bureau for the Collection of Assessments and of Arrears of Taxes and Assessments and of Water Rents," and possess all the power conferred and perform all the duties imposed by law and ordinance upon both said bureaux, and the officers thereof, the chief officer of which consolidated bureau shall be called "Collector of Assessments and Clerk of Arrears."

Second—"The Bureau for the Collection of the Revenue accruing from rents, and interest on bonds and mortgages, revenue arising from the use or sale of property belonging to or managed by the city," and "The Bureau of Markets," shall be consolidated as one Bureau, and on and after January 1, 1881, shall be known as "The Bureau for the Collection of City Revenue and of Markets," and possess all the powers conferred and perform all the duties imposed by law and ordinance upon both said Bureaux, and the officers thereof; the chief officer of which said consolidated Bureau shall be called "Collector of City Revenue and Superintendent of Markets."

CITY OF NEW YORK, FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, Dec. 31, 1880.

ALLAN CAMPBELL,
Comptroller.

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,
NEW YORK, January 22, 1880.

NOTICE TO OWNERS OF REAL ESTATE IN THE TWENTY-THIRD AND TWENTY-FOURTH WARDS OF THE CITY OF NEW YORK.

THE COMPTROLLER OF THE CITY OF NEW York hereby gives notice to owners of real estate in the Twenty-third and Twenty-fourth Wards, that pursuant to an act of the Legislature of the State of New York entitled "An act to provide for the adjustment and payment of unpaid taxes due the county of Westchester by the towns of West Farms, Morrisania, and Kingsbridge, lately annexed to the city and county of New York," passed May 22, 1875, the unpaid taxes of said town have been adjusted and the amount determined as provided in said act, and that the accounts, including sales for taxes levied prior to the year 1874, by the Treasurer of the County of Westchester, and bid in on account of said towns, and also the unpaid taxes of the year 1873, known as Rejected Taxes, have been filed for collection in the Bureau of Arrears in the Finance Department of the City of New York.

Payments for the redemption of lands so sold for taxes by the Treasurer of the County of Westchester, and bid in on account of said towns, and payments also of said Rejected Taxes of the year 1873, must be made hereafter to the Clerk of Arrears of the City of New York.

N. B.—Interest at the rate of twelve per cent. per annum is due and payable on the amount of said sales for tax and said rejected taxes.

ALLAN CAMPBELL,
Comptroller.

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,
No. 32 CHAMBERS STREET,
NEW YORK, January 9, 1882.

NOTICE IS HEREBY GIVEN THAT THE books of Annual Record of the assessed valuation of Real and Personal Estate of the City and County of New York for the year 1882, will be opened for inspection and revision, on and after Monday, January 9, 1882, and will remain open until the 30th day of April, 1882, inclusive, for the correction of errors and the equalization of the assessments of the aforesaid real and personal estate.

All persons believing themselves aggrieved must make application to the Commissioners during the period above mentioned, in order to obtain the relief provided by law.

By order of the Board.

ALBERT STORER,
Secretary.

ASSESSMENT COMMISSION.

THE COMMISSIONERS APPOINTED BY CHAPTER 550 OF THE LAWS OF 1880, to revise, vacate, or modify assessments for local improvements in the City of New York, give notice to all persons affected thereby that the notices required by the said act must be filed with the Comptroller of said city and a duplicate thereof with the Counsel to the Corporation, as follows:

As to all assessments confirmed subsequent to June 9, 1880, for local improvements theretofore completed, and as to any assessment for local improvements known as Morningside avenues, notices must be filed within two months after the dates upon which such assessments may be respectively confirmed.

The notice must specify the particular assessment complained of, the date of the confirmation of the same, the property affected thereby, and in a brief and concise manner the objections thereto, showing, or tending to show, that the assessment was unfair or unjust in respect to said real estate.

Dated, No. 27 CHAMBERS STREET, May 18, 1881.

EDWARD COOPER,
JOHN KELLY,
ALLAN CAMPBELL,
GEORGE H. ANDREWS,
DANIEL LORD, JR.,
Commissioners under the Act.

JAMES J. MARTIN, Clerk