

THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. XVIII.

NEW YORK, SATURDAY, JULY 19, 1890.

NUMBER 5,225.



DEPARTMENT OF PUBLIC PARKS.

Report for the Quarter ending December 31, 1889.

CITY OF NEW YORK—DEPARTMENT OF PUBLIC PARKS,
Nos. 49 AND 51 CHAMBERS STREET,
January 1, 1890.

Hon. HUGH J. GRANT, Mayor :

SIR—In compliance with the provisions of section 49 of chapter 410 of the Laws of 1882, the Department of Parks hereby submits the following statement of its transactions during the three months ending December 31, 1889 :

The organization of the Board of Parks has not been changed since the date of the last report of the Department.

Pursuant to the provisions of chapter 721 of the Laws of 1887, an act authorizing the Department of Public Parks to alter the lines, class and grades of certain streets, roads and avenues in the Twenty-third and Twenty-fourth Wards, maps showing the following changes have been prepared and adopted after being duly advertised and hearings given as required by the act cited :

Showing the extension of East One Hundred and Seventy-ninth street from Vanderbilt avenue, East, to Washington avenue in the Twenty-fourth Ward.

Showing revision of street system in that part of the Spuyten Duyvil district lying between Kappock street, Independence avenue, Ewen estate and the first street east of Troy street in Twenty-fourth Ward.

Showing change of width of Union street from Lind avenue to Marcher avenue, from sixty to fifty feet, in the Twenty-third Ward.

Showing change of street system in that part of the Twenty-third and Twenty-fourth Wards lying between East One Hundred and Sixty-seventh street, Sheridan avenue, Elliot street, Jerome avenue, East One Hundred and Seventy-seventh street, Tremont avenue and Webster avenue.

Under authority of chapter 577 of the Laws of 1887, the map heretofore filed of Undercliff avenue in the Twenty-fourth Ward has been taken from file, amended by designating thereon grades, angles, distances, etc., and refiled in the manner prescribed by the act cited.

A map showing plan of drainage for sewerage districts Nos. 31G and 33M in the Twenty-third Ward has been adopted and copies thereof have been filed in compliance with the provisions of section 4 of chapter 381 of the Laws of 1865 and of section 14 of chapter 329 of the Laws of 1874.

Assessment lists for the following-named works, together with the amounts and cost thereof, have been approved and forwarded to the Board of Assessors :

Constructing sewer and appurtenances in One Hundred and Sixty-ninth street from Webster avenue to Third avenue, and in Third avenue from One Hundred and Sixty-ninth to One Hundred and Seventieth street, with branches in Third avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets, and in One Hundred and Sixty-ninth and One Hundred and Seventieth streets.

Regulating, grading, etc., St. Ann's avenue, between the northerly curb line of the Southern Boulevard and the southerly curb line of Clifton street.

During the past quarter contracts for the following-named work have been entered into by the Department :

Laying crosswalks in Rider avenue and intersecting streets, from One Hundred and Thirty-fifth to One Hundred and Forty-fourth street—A. E. Moran, contractor ; M. McGrath and D. W. Moran, sureties.

Regulating, grading, etc., flagging sidewalks and laying crosswalks in East One Hundred and Sixty-sixth street, from Vanderbilt avenue, East, to Third avenue—A. E. Moran, contractor ; M. McGrath and D. W. Moran, sureties.

For taking up, adjusting and resetting granite flagging and relaying granite-block pavement on approaches to the Madison Avenue Bridge—Terence A. Smith, contractor ; Bernard Mahon and John J. Donovan, sureties.

Paving with granite-block pavement the roadway of Westchester avenue, from west crosswalk of Brook avenue to west crosswalk of Trinity avenue—William S. Lowe, contractor ; M. McGrath and D. W. Moran, sureties.

Regulating, grading and paving with gravel pavement with Telford and Macadam foundation and trap-block gutters, etc., the avenue and the westerly side of Morningside Park—George F. Doak, contractor ; Louis D. Beck and Ransom Parker, Jr., sureties.

Constructing sewer and branches with appurtenances in One Hundred and Thirty-eighth street, between Long Island Sound and Trinity avenue—Charles W. Collins, contractor ; Charles Jones and Joseph Kuntz, sureties.

Constructing a sewer, etc., in East One Hundred and Forty-seventh street, between Willis and Brook avenues—Martin Lipps, contractor ; Henry Lipps and Frederick Johnson, sureties.

Constructing a sewer and branches with appurtenances in Burnside avenue, between Webster and Creston avenues—James W. O'Grady, contractor ; Otto H. Georgi and John W. Decker, sureties.

Regulating and paving with trap-block pavement the roadway of Rider avenue from One Hundred and Thirty-fifth to One Hundred and Forty-fourth street—Charles Guidet, contractor ; Martin B. Brown and Richard W. Buckley, sureties.

Constructing sewer in One Hundred and Seventieth street, between Webster and Washington avenues, and in Vanderbilt avenue, East, and Washington avenue, etc.—John P. and James H. Kerrigan, contractors ; Michael Casey and Michael Hughes, sureties.

Constructing an outlet sewer in Bungay street with connecting system of sewers—John Curran & Co., contractors ; W. G. Wood and George N. Manchester, sureties.

Erecting a studio and other work in south court of the Metropolitan Museum of Art—Thomas Dwyer, contractor ; Philip Donohue and Thomas O'Callaghan, sureties.

Paving with rock asphalt and concrete and mortar of Portland cement, certain walks, platforms, etc., in Morningside Park—Hobart F. Clark, contractor ; Joseph C. Biglin and Patrick Collins, sureties.

Constructing a sewer in One Hundred and Thirty-ninth street, between Brook and St. Ann's avenues, and in St. Ann's avenue, between One Hundred and Thirty-eighth and One Hundred and Forty-second streets, with branch in One Hundred and Forty-first street—Adam Vorndran, contractor ; Christian Vorndran and Anthony McOwen, sureties.

Flagging the sidewalk, setting curbstones and laying crosswalks on the east side of Boston avenue, from Jefferson to Bristow street—P. V. Murray, contractor ; A. G. Hüpfel and B. C. Murray, sureties.

For the alteration, renewal and repairing of the roofs and skylights of the old building of the Metropolitan Museum of Art—Joseph Moore, contractor ; D. W. Moran and John McQuade, sureties.

Setting blue-stone platforms in front of house entrances in Seventy-second street, from Eighth avenue to the easterly line of the N. Y. C. & H. R. R.R.—Terence A. Smith, contractor ; John J. Donovan and Bernard Mahon, sureties.

Constructing foundation walls for inclosing wall around Mount Morris Park—M. Fortunato, contractor ; William Bostelman and William A. Middleton, sureties.

Regulating, grading, setting curbstones and flagging the sidewalks in Gerard avenue, from One Hundred and Thirty-eighth street to Jerome avenue, except at crossing of N. Y. C. & H. R. R.R.—Virgilio Del Genovese and Henry B. Towle, contractors ; Richard Riker and Denis McGrath, sureties.

Constructing sewer, etc., in East One Hundred and Forty-second street, between Third and Rider avenues, with branch in Morris avenue, between One Hundred and Forty-second and One Hundred and Forty-third streets—James S. Leslie, contractor ; Adam Uhl and Thomas Creamer, sureties.

Paving with trap-block pavement the roadway of One Hundred and Thirty-ninth street, from crosswalk at east side of Third avenue to crosswalk at the west side of Willis avenue—Denis McGrath, contractor ; James Slattery and John Slattery, sureties.

The consent of the Department was given to the erection by J. A. Bostwick of projections on a house to be erected by him on the lot known as No. 801 Fifth avenue, as shown on a plan submitted.

Pursuant to the provisions of chapter 513 of the Laws of 1889, the Board of Estimate and Apportionment has been requested to authorize and direct the issue of bonds to the amount of \$400,000, for the completion of the north extension of the building of the Metropolitan Museum of Art in Central Park, in accordance with plans submitted by the Trustees of the Museum, approved by the Board of Parks and concurred in by the Board of Estimate and Apportionment.

The said Board has also been requested to transfer the sum of \$2,500 from the appropriation for police salaries for the current year, for which it was not required, to the appropriation made for the care and maintenance of the New Parks north of the Harlem river, which was insufficient.

The subject of railways in the transverse roads crossing the Central Park has been considered and the Counsel to the Corporation has been requested to advise the Department upon the proper construction of section 1 of chapter 407 of the Laws of 1888, under which law such railways may be built, and especially concerning the words "to construct railways in and about the roads in said park known as the Transverse Roads, and to contract in the name of the Mayor, Aldermen and Commonalty of the City of New York with any persons or corporations for the construction, equipment or running of the same," as to whether this Department has the right to construct railways with any persons whatsoever, whether such persons shall equip and run the same or not ; or whether it is incumbent upon the Board of Parks to contract with only such persons or corporations as shall agree to the construction, equipment and running thereof.

The Suburban Rapid Transit Company having notified the Department of its intention to proceed with the construction of its railways upon a route through St. Mary's Park, the following preamble and resolution were adopted and communicated to said company :

Whereas, It appears from a communication dated October 28, 1889, addressed to this Board by the President of the Suburban Rapid Transit Company, that said company claims title to a strip of land running through St. Mary's Park, and more particularly referred to in said communication, and that said company now proposes to enter upon said lands and to construct its railroad thereon ; and

Whereas, said land is included within the limits and forms a part of a tract of land known as St. Mary's Park, appropriated for park purposes under an act of the Legislature of this State known as chapter 522 of the Laws of 1884, entitled "An act laying out public places and parks and parkways in the Twenty-third and Twenty-fourth Wards of the City of New York and in the adjacent district in Westchester County and authorizing the taking of the lands for the same," passed June 14, 1884, and the title to which has been duly acquired by the Mayor, Aldermen, and Commonalty of the City of New York under proceedings instituted on behalf of said City as in said act provided ; and

Whereas, Said lands to which said Suburban Rapid Transit Company now lays claim, forming a part of said park, is under the exclusive management and control of this Board for the purposes of a public park ;

Resolved, That the said the Suburban Rapid Transit Company be and it is hereby notified that this Board does not recognize the validity of said claim or the right of said company to enter upon said strip of land or to make use of the same for any of the purposes of said company, but asserts the title of the City thereto and the exclusive jurisdiction and control of this Department over the same as a portion of a public park, and said company is hereby expressly forbidden, and the Superintendent of Parks is hereby directed to prevent said company and its servants and agents from going upon said lands or any part thereof for any of the purposes for which it asserts a claim thereto as above-mentioned.

The subject of the maintenance of the lake in Van Cortlandt Park has been considered, and an engineer specially qualified to deal with questions of water-supply has been engaged to make a thorough examination and report on the subject.

A committee consisting of Professors R. Ogden Doremus, Jno. S. Newberry, A. H. Gallatin and A. A. Julien, have been requested to make an examination of the Obelisk and to report as to its condition, with reference particularly to its preservation and protection from the action of the elements.

During the past quarter several donations were received : One from Mr. P. B. Du Chaillu, a sleigh used by him during his travels in Lapland, was referred to the Trustees of the Metropolitan Museum of Art. A bequest made by Catharine C. Talman to the City of marble statuary and bronzes upon trust for free exhibition was referred to the Department by the Comptroller, and by the Department referred to the Trustees of the Metropolitan Museum of Art with a request for their action in the matter.

Permission was granted the authorities of St. John's College, at Fordham, to remove remains from a former burial plot now within the boundaries of Bronx Park.

In the matter of the building known as the Schroeder House, on the Bronx and Pelham Parkway, destroyed by fire during the previous quarter, the insurance has been adjusted and the City has received the sum of seven thousand and ten dollars from the insurance companies.

On the 18th of November, 1890, the following resolution was adopted :

Resolved, That demand be made forthwith by the Secretary upon all persons heretofore occupying houses or buildings on the park lands since title to said houses or lands was acquired by the City and who may be in arrears in payment for the use and occupation thereof to date, for the payment of all arrears, and stating the amount due, amounts demanded to be based upon the appraised rental value of such houses or buildings, respectively ; and that they be notified that in case of default continuing beyond December 20 next, the Counsel to the Corporation will be requested to commence actions to enforce such payment.

Permission has been given John H. Keller to cut and remove ice from the Bronx river, in Bronx Park, he agreeing to pay the Department for the privilege such sum as may be deemed adequate.

The Gas Commission has been requested to replace the gas-lamps in the City Hall Park as speedily as possible.

The Board of Aldermen has been requested to pass an ordinance directing that the flagging opposite vacant lots on the northerly side of Seventy-second street, between the Boulevard and West End avenue, be repaired and the expense charged against the owners of adjoining property.

The Commissioners of Accounts have been requested to examine the books of all persons who have, since September 1, 1884, agreed to pay any license fees to this Department based upon percentages of receipts, and to advise this Department whether such amounts have been full paid up to the time of such examination.

CENTRAL AND CITY PARKS.

GARDENING DEPARTMENT.

This force has been engaged in caring for the flower-beds in the different parks and squares, also in taking up plants to be used for propagating from, during the fall and winter.

All the flower-beds were given a heavy coat of manure, which has been thoroughly spaded in, and 8,500 tulip bulbs were planted for flowering next spring.

A large number of trees and shrubs have been transplanted from the nursery near Ninety-seventh street, in Central Park, and set out in the park along Eighth avenue, between Fifty-ninth street and Eighty-fifth street.

In the neighborhood of the Art Museum (Fifth avenue, Seventy-ninth to Eighty-first street) a large number of trees have been taken out and shrubs and other trees replanted in the vacant spaces.

The boxes containing the water-lilies have been removed from the fountain basins and taken to the greenhouses for protection during the winter.

The pruning and cultivating of the beds of herbaceous plants, throughout the Central Park, has been carried forward, continually, when the weather would allow, as well as the planting of vacant places with hardy plants.

Considerable work has been done in the cutting out of dead and overcrowded evergreens, in that portion of the Central Park along Eighth avenue, between Seventy-second to Eighty-fifth street, throughout the Ramble and along the East Drive, between Seventy-ninth and Eighty-fifth streets.

At the greenhouses a larger force than usual of men has been employed, owing to the increased amount of glass, and the much larger number of plants required for decorating the parks, so that at the present time there are thousands of hardy plants and shrubs, propagated and in readiness for the spring planting.

GENERAL MAINTENANCE.

Central Park.

This work consists of the routine cleaning, scraping, rolling and watering of the drives of Central Park, so as to maintain them in proper repair.
Also in the cleaning of walks and basins. During the quarter just closed considerable work was required, in the collection and removal of the fallen leaves.
Attendance and care of grounds were furnished at such points as games were permitted to be played.

2,917 cubic yards of manure were carted and spread on the lawns.

The ladies' and gentlemen's cottages have been kept clean and open, in charge of attendants, from 8 A.M. to 6 P.M.

A large amount of work has been performed in connection with the repair and maintenance of the wire fences.

The regular mowing of the lawns was attended to until near the close of November.

Fifth avenue, Seventy-second street and One Hundred and Tenth street and the Transverse roads were regularly cleaned and sprinkled. Considerable work was done in connection with repairing Fifth avenue, from Ninety-seventh street to One Hundred and Tenth street, with broken stone.

There was but one heavy snowfall during the past quarter—in December—when prompt means were taken to clean the principal walks and streets surrounding the park.

A large amount of work was performed in connection with the improvement of the territory in the neighborhood of One Hundred and Sixth street and Fifth avenue, Central Park.

An excavation, about 800 feet long, 8 to 14 feet deep, and 5 to 6 feet wide, was made for the purpose of laying an 18-inch drain-pipe to connect the greenhouses with the sewer at One Hundred and Seventh street and Fifth avenue. This excavation required to be sheathed over the entire length on account of the sandy nature of the soil, and filled-in ground. In connection with this work it was necessary to excavate for three connecting drains, and to excavate for surface basins, and trenches for pipes connecting same.

Also excavated for roadway, 15 to 30 feet wide, from about One Hundred and Eighth street to entrance at One Hundred and Second street, and also around greenhouses. This roadway was filled in with twelve inches of stone set on edge, with a covering of broken stone.

Regrading was done along Fifth avenue wall, from One Hundred and Sixth to One Hundred and Tenth street, and along One Hundred and Tenth street, from Fifth to Sixth avenue.

Considerable work was done in excavating and regrading of the territory in the neighborhood of the Art Museum, Central Park.

6,016 cubic yards of gravel were received on Central Park prior to the close of the past quarter, part of which was stored for future repairs and the balance spread on the drives.

Preparation was made and attendance furnished at the concerts, which continued until about November 1.

City Parks.

The routine work of cleaning the walks and lawns of these parks has been attended to.

The ladies' and gentlemen's cottages and the urinals have been kept clean, and open in charge of attendants, from 8 A.M. to 6 P.M., and in some instances at all hours of the day and night. The various small parks have also been kept open in charge of laborers or park-keepers until 9 P.M.

The necessary work of preparing for and cleaning up after the concerts has been attended to.

At Mount Morris Park, where croquet playing is permitted, attention was given to the care of the lawn and the convenience of those engaging in the game.

The work of removing the snow from the walks of these parks was attended to as vigorously as the force would permit.

The walk basins throughout these parks, as well as the sewers and gutters were regularly cleaned and the refuse carted to the dump.

The lawns were regularly mowed, as long as required.

Considerable work was done at Tompkins Square in digging and regrading the lawns, resodding the borders and repairing the iron fences. Large quantities of dead wood were also removed from the trees.

During the past quarter 1,000 settees with foot-rests were received, and placed at various points on the main walks of the Central and City Parks.

Park Stables.

The force at this point has been engaged in the grooming and care of the 66 horses engaged on the work of maintenance, and also in the care, etc., of 19 horses used by the Police.

The necessary repairs have been made to the harness and light wagons, and to the cleaning and proper care of same.

Riverside Park and Drive.

The regular work of cleaning, scraping, rolling and watering of the roadway of the drive has been attended to. The lawns have been regularly mowed, so long as the season required such work. The gutters and basins were regularly cleaned and washouts filled in. Repairs were made to the gutters, flag-stones and fences.

Prior to the close of this quarter 1,972 cubic yards of gravel were received, part of which was stored for future repairs, and the balance spread on the drive.

Repairs were made to the Property road, between Ninety-first and One Hundred and Fifth streets, and between One Hundred and Twenty-fifth and One Hundred and Thirtieth streets.

Morningside Park.

During the past quarter the work was pushed forward very vigorously.

The gradings along the Morningside avenue wall have been entirely completed between One Hundred and Sixteenth and One Hundred and Twenty-first streets.

Excavated trenches for drain-pipes and basins.

Place 95 ornamental rocks on steep hillsides.

As the grades along the retaining-wall on Morningside avenue, West, are very steep, it was found necessary to sod and pin down the soil. For this purpose nearly 90,000 square feet of sod were required.

960 cubic yards of gravel were received and spread on the walks.

A large amount of work was done in digging holes and planting 8,665 shrubs and 1,055 ornamental trees, together with 1,275 shrubs transplanted from Manhattan Square and the Park Nursery. Considerable work was done in connection with small excavations, breaking stone for walks, etc.

New Parks North of Harlem River.

The force in these parks has been chiefly engaged in the repairing of the roads, which in many places, particularly around Van Cortlandt Park, were badly cut up by teams and washouts. On account of the great quantities of rain it has been almost impossible to keep the roads in a good condition.

At Crotona Park, a dam has been constructed, affording, when frozen over, an area of about two acres for skating purposes. At Van Cortlandt Park a skatehouse is being erected on the shore of the lake.

Considerable work was done in grading and leveling the surface of the proposed Parade Ground at Van Cortlandt Park.

MECHANICAL WORK.

Carpenters.

This force has been engaged, on Central Park, in repairing the buildings connected with the Zoological collection, repairs to the ladies' and gentlemen's cottages, Casino buildings, stables, and various rustic structures throughout the park.

Skate buildings, with platforms, etc., were erected on the shore of the Large Lake and Harlem Meer.

On the City Parks, repairs were made to the various buildings, such as Police structures and cottages.

At Van Cortlandt Park Mansion, put up two new stoops, new roof on kitchen, and other incidental repairs, as well as some slight repairs to the old Mill. Set sills, posts, etc., for new Skate Building, Van Cortlandt Park.

At Bronx Park, made repairs to the stoop of Lorillard Mansion, also to the Keeper's House and Stables.

At Harlem Bridge, made repairs to the Round-house, fenders on both approaches, and other work in connection with the substitution of boilers.

At Central Bridge, made extensive repairs to the draws, laid 350 new road plank, repaired foot-walks, laid new floor in Round-house, and made other incidental repairs.

Built new fences at entrances on Fifty-ninth street, at Sixth and Seventh avenues.

Made 250 new signs and repaired 84 old signs; also repaired 590 settees for the Central and City Parks.

Repaired 59 pieces of rolling-stock, such as carts and trucks; also repaired the woodwork of 172 tools, such as barrows, road and walk-scrapers, etc.; also attended to the sharpening of tools for gardeners and mechanics.

Painters.

This force has been engaged in painting and varnishing the inside of three cottages on Central Park also in painting repairs to woodwork of cottages and buildings.

Also painted repairs to wooden fences in Central and City Parks.

Stencilled and prepared programmes for music in Central and City Parks.

Attended to the necessary glazing of police-shelters, cottages and other buildings in the Central and City Parks.

Painted, lettered and varnished 268 signs, such as "Keep off the Grass," "No Dogs Allowed," etc., also painted 756 settees for Central Park and 125 for City Parks.

Painted 16 pieces of rolling stock, such as water trucks, dirt carts, etc., together with repairs to woodwork of 5 others.

Painted the inside and outside of the Ladies' Cottage at Riverside.

Painted repairs to Third Avenue and Central Bridge, also repairs at stables, shops, Casino and cottages in City Parks.

Painted repairs at Lorillard and Van Cortlandt Mansions, also New Bridge over Bronx river.

Masons.

This force has been engaged outside incidental repairing of basins, drains, etc., in the following work:

On Central Park, at Mount St. Vincent Hotel, reset steam boiler, laid 650 square feet of cement floor, rebuilt trap-basin and cleaned 76 feet of drain-pipe.

At Fifth avenue and Seventy-second street removed 34 square yards of granite pavement, excavated 1,308 cubic yards of earth and rock, laid 75 feet of 12-inch vitrified culvert pipe, made connection with brick sewer, built large brick receiving-basin and relaid 34 square yards of pavement.

Also built brick manhole and laid 92 feet of 6-inch drain-pipe near West Drive and Eighty-first street, Central Park.

Laid 86 feet of 6-inch drain-pipe, built walk basin, and repaired 72 feet of cement walk at Gentlemen's Cottage near Seventy-eighth street and Eighth avenue.

Near the greenhouses, at One Hundred and Second street and Fifth avenue, laid 828 running feet of 18-inch vitrified sewer-pipe, built 27 walk basins, 5 large field basins, laid 2,000 feet of 6-inch drain-pipe, and 500 feet of 10-inch drain-pipe, built four brick manholes in sewer, connected five old basins with sewer, drilled and blasted 138 cubic yards of rock, built 384 cubic feet of stone foundation, cut 108 square feet of blue-stone flagging, and removed and relaid 1,600 square feet of cement flooring.

At Gentlemen's Cottage, Mount Morris Park, cut, fitted and laid 108 square feet of 16-inch blue-stone tile pavement, laid 216 cubic feet of stone foundation, also carted and set two large boulders.

At Morningside Park, cut 730 feet of rustic rock steps, built 480 cubic feet of stone foundation, and set 84 running feet of rustic rock steps, near One Hundred and Twenty-first street.

At Tompkins Square, repaved 64 square feet of brick pavement and relaid 48 feet of flagging.

At City Hall Park, laid 74 feet of cement walk, and 60 feet of composition flagging.

At Bronx Park, relaid 1,129 square feet of blue-stone flagging, rebuilt four chimney tops, rebuilt and plastered one 12-foot diameter cistern, built sixteen brick piers, 20 inches x 20 inches x 4 feet, and reset three flights of blue-stone steps in connection with repairs at Lorillard mansion.

At Van Cortlandt Park, laid 3,179 cubic feet of dry walls and piers at Skate Building.

At Crotona Park, built 738 cubic feet of stone masonry in connection with dam for skate pond.

MACHINISTS.

This force, consisting of Wheelwrights, Blacksmiths, Tool-dressers, and other mechanics, have been engaged on the repairs to the iron work of rolling stock, fences, urinals, etc.

Steam engineers have been engaged in charge of the boilers at the Arsenal and workshops.

The force employed on the bridges over the Harlem river has been constantly engaged in operating these bridges at all hours of the day and night.

PLUMBERS.

This force has been employed on repairs to plumbing of cottages and urinals, hydrants, etc.

In repairing and putting up stoves in Central and City Parks, and fitting gas in cottages and buildings.

IMPROVEMENT AND CONSTRUCTION OF CENTRAL PARK, UNDER AUTHORITY OF CHAPTER 575, LAWS OF 1887.

Constructing approaches to and the reconstruction of the grounds around the Metropolitan Museum of Art.

This work was placed under contract in October, 1888, and was completed on October 8 last.

The total quantities of work done since the commencement are:

16,526.49 cubic yards of earth excavation.

511.16 cubic yards of rock excavation.

4,970.92 cubic yards of tiling furnished from outside sources.

6,374.98 square yards of gravel roadway pavement with rubble-stone foundation, including gutters.

28,416.91 square feet of Syssel rock asphalt walks with rubble-stone foundation.

12 road basins built complete with curb and grating.

12 walk basins built complete with curb and grating.

1,094.00 lineal feet of 6-inch vitrified stoneware pipe furnished and laid.

363.25 lineal feet of blue-stone curb furnished and set, including circular corners.

Since the completion of the contract, the work of final shaping of the grounds, sodding and planting have been in progress by men employed by days' work under the direction of the Superintendent of Parks.

RIVERSIDE PARK IMPROVEMENT, UNDER AUTHORITY OF CHAPTER 575, LAWS OF 1887.

Construction of Retaining Wall and Appurtenances, Walk and Drainage, from Seventy-second to Seventy-ninth Street.

The work is being done by contract, and was in progress on October 1, and is now practically completed.

The quantities of work done during the quarter are:

574 lineal feet of wall built complete.

2,245 lineal feet of drain-pipe furnished and laid.

24 walk basins built.

13 inlet basins built.

9,000 square feet of superstructure of walks constructed.

MORNINGSIDE PARK IMPROVEMENT, UNDER AUTHORITY OF CHAPTER 575, LAWS OF 1887.

The works that have been prosecuted by contract have been completed.

The quantities of work done during the quarter upon the contract work are:

13 walk basins built.

7 surface basins built.

1 walk inlet built.

122 cubic yards rubble masonry for foundation of steps.

2,151 lineal feet of blue-stone steps furnished and set.

Also, there has been laid by days' work 442 lineal feet of drain-pipe from 4-inch to 10-inch diameter.

336 lineal feet of tile and stone drains laid.

TOMPKINS SQUARE PARK.

Repairing and Repaving with Rock Asphalt the Walks in Tompkins Square Park.

This work was completed on October 19 last, and the quantities of work done since September 30 are:

20,458 square feet of asphalt walk pavement laid.

SETTING AND RESETTING CURB-STONES AND IMPROVING SEVENTY-SECOND STREET, FROM THE BOULEVARD TO THE EASTERLY LINE OF THE NEW YORK CENTRAL AND HUDSON RIVER RAILROAD.

This work was done by contract and is now completed.

The quantities of work done since September 30 are:

66 cubic yards of rock excavation.

704 cubic yards of excavation other than rock.

1,042 cubic yards of garden mould furnished, etc.

1,119 lineal feet 5-inch and 6-inch blue-stone curb furnished and set.

1,172 lineal feet of old curb reset.

5 receiving-basins altered.

REGULATING AND PAVING AND IMPROVING THE AVENUE BOUNDING MORNINGSIDE PARK ON THE WESTERLY SIDE, BETWEEN ONE HUNDRED AND TENTH STREET AND TENTH AVENUE, IN PURSUANCE TO ORDINANCE OF THE BOARD OF ALDERMEN APPROVED MAY 20, 1889.

This work is being done under contract dated October 24, 1889, and was commenced on November 13, 1889.

The work done has been:

4,266 cubic yards of excavation for pavement.

HARLEM RIVER BRIDGES—SPECIAL REPAIRS.

Third Avenue Bridge.

A new vertical engine, boiler and fixtures have been furnished and put in place on this bridge.

MADISON AVENUE BRIDGE.

Taking up, Adjusting and Resetting Granite Flagging and Relaying Granite-block Pavement, with Asphaltic Joints, the Approaches to the Madison Avenue Bridge.

This work was commenced on October 21, by contract, and completed December 11.

The quantities of work done are :

999 lineal feet of granite flagging reset.

417 square yards of granite-block pavement relaid.

ENGINEER CORPS AND INSPECTORS.

The present force is :

1 Engineer of Construction.

3 Assistants.

2 Draughtsmen.

7 Axemen.

2 Inspectors.

POLICE.

The force consists of—

Captain.....	1
Surgeon.....	1
Sergeants.....	6
Roundsmen.....	10
Patrolmen.....	230
Tailors.....	8
Ambulance Driver.....	1
Laborers.....	2
Total force.....	259

Of this number, 4 Sergeants, 6 Roundsmen (1 of whom is mounted), 142 Patrolmen, including 15 mounted men, 6 Tailors, 1 Ambulance Driver and 1 Laborer perform duty in Central Park ; 1 mounted officer performs duty in Riverside Park, also 2 Tailors perform work in Riverside Park ; 1 Laborer performs duty as Watchman at Mount Morris Park.

2 Sergeants, 4 Roundsmen and 88 Patrolmen perform duty in the various parks throughout the City, as follows :

Patrolmen on Pelham Bay Park.....	3
“ Van Cortlandt Park.....	3
“ Bronx Park.....	2
“ St. Mary's Park.....	2
“ High Bridge Park.....	1
“ Morningside Park.....	3
“ Riverside Park.....	16
“ Mount Morris Park.....	4
“ East River Park.....	3
“ Bryant Park.....	3
“ Madison Park.....	4
“ Union Park.....	3
“ Stuyvesant Park.....	4
“ Tompkins Park.....	7
“ Washington Park.....	7
“ City Hall Park.....	6
“ Battery Park.....	7
“ Jeannette Park.....	1
“ Canal Street Park.....	2
“ Bowling Green Park.....	1
“ Abingdon Square Park.....	1
“ Jackson Park.....	1
“ Christopher Street Park.....	1
“ Duane Street Park.....	1
“ Fourth Avenue Park.....	2
Total.....	88

Arrests for October, 1889.

Disorderly Conduct—Committed for 1 month by Justice.....	1
“ Held in \$500 to keep the peace by Justice.....	1
“ Fined \$10 by Justice.....	1
“ “ 5 “.....	6
“ Discharged “.....	9
“ “ at Station.....	1
Total.....	20
Drunk and Disorderly—Committed for 6 months by Justice.....	1
“ “ 1 month “.....	2
“ “ 5 days “.....	1
“ Fined \$10 by Justice.....	3
“ “ 5 “.....	3
“ “ 3 “.....	1
“ Discharged “.....	2
Total.....	13
Intoxication—Committed for 1 month by Justice.....	1
“ “ 10 days “.....	2
“ “ 1 day “.....	1
“ Fined \$10 by Justice.....	2
“ “ 5 “.....	1
“ “ 3 “.....	1
“ Discharged “.....	5
“ “ at Nineteenth Precinct Police Station.....	1
Total.....	14
Violation of Park Ordinances—Committed for 2 days by Justice.....	1
“ “ 1 day “.....	2
“ Fined \$10 by Justice.....	2
“ “ 5 “.....	6
“ “ 2 “.....	1
“ “ 1 “.....	1
“ Discharged “.....	5
“ “ at Station.....	4
Total.....	22
Suspicious Persons—Delivered to Society Prevention of Cruelty to Children.....	2
“ “ Municipal Police, Twenty-fifth Precinct.....	1
“ Discharged at Station.....	7
Total.....	10
Crime Against Nature—Held to keep the peace in \$1,000 bail by Justice.....	2
“ Fined \$10 by Justice.....	2
Total.....	4
Attempted Suicide—Died in New York Hospital.....	1
“ Discharged by Justice.....	1
Total.....	2

Insanity—Committed to care of Commissioners of Charities and Correction.....	2
Picking Pockets—Committed for 11 months by Justice.....	1
Reckless Driving—Fined \$5 by Justice.....	1
“ “ 3 “.....	1
“ Discharged by Justice.....	1
“ “ at Municipal Police Station.....	1
Total.....	4
Vagrancy—Committed for 6 months by Justice.....	2
Petit Larceny—Committed for 6 months to House of Refuge.....	1
Assault—Fined \$10 by Justice.....	2
Discharged “.....	1
Total.....	3
Males.....	85
Females.....	13
Total arrests for October.....	98
<i>Arrests for November, 1889.</i>	
Disorderly Conduct—Committed for 6 months by Justice.....	1
“ “ 3 “.....	1
“ Fined \$5 by Justice.....	1
“ Discharged “.....	1
Total.....	4
Drunk and Disorderly—Committed for 3 months by Justice.....	1
“ Discharged.....	3
Total.....	4
Intoxication—Committed for 10 days by Justice.....	3
“ Fined \$10 by Justice.....	3
“ “ 5 “.....	3
“ Discharged “.....	1
Total.....	10
Indecent Conduct—Committed for 6 months by Justice.....	1
“ Discharged.....	1
Total.....	2
Indecent Assault—Fined \$10 by Justice.....	1
“ Discharged “.....	1
Total.....	2
Committed for 6 months by Justice.....	2
Violation of Park Ordinances—Fined \$10 by Justice.....	1
“ “ 5 “.....	1
“ Discharged “.....	1
“ “ at Station.....	12
Total.....	15
Larceny—Committed for 4 years and 9 months by Justice.....	1
“ Held for trial in \$500 bail.....	1
Total.....	2
Assault—Discharged by Justice.....	1
“ Held for trial in \$500 bail by Justice.....	1
Total.....	2
Highway Robbery—Committed for 3½ years by Judge.....	1
Picking Pockets—Committed to Elmira Reformatory.....	1
Insanity—Committed to care of Commissioners of Charities and Correction.....	2
Vagrancy—Committed for 6 months by Justice.....	1
“ to care of Commissioners of Charities and Correction by Justice.....	1
Total.....	2
Fast and Reckless Driving—Discharged by Justice.....	2
Males.....	44
Females.....	5
Total arrests for November.....	49
<i>Arrests for December, 1889.</i>	
Disorderly Conduct—Discharged by Justice.....	3
Drunk and Disorderly—Committed for 3 months by Justice.....	1
“ “ 1 month “.....	1
“ “ 10 days “.....	2
“ Fined \$5 by Justice.....	2
“ Discharged “.....	1
Total.....	7
Intoxication—Committed for 10 days by Justice.....	2
“ “ 5 “.....	4
“ Fined \$10 by Justice.....	1
“ “ 5 “.....	2
“ Discharged “.....	11
Total.....	20
Violation of Park Ordinances—Discharged at Station.....	5
Fast Bicycle Riding—Discharged at Station.....	4
Fast Driving—Discharged at Station.....	2
Assault—Held in \$300 bail for trial by Justice.....	1
“ Discharged by Justice.....	3
Total.....	4

Indecent Assault—Committed for 6 months by Justice.....	2
“ “ Discharged by Justice.....	1
Total.....	3
Crime against Nature—Held in \$2,500 bail for trial by Justice.....	2
Larceny—Committed for 1 year by Justice.....	1
“ “ 5 months “.....	1
“ “ 3 “ “.....	1
Total.....	3
Attempt Larceny—Discharged by Justice.....	2
Picking Pockets—Committed for 1 year by Justice.....	1
Vagrancy—Committed for 6 months by Justice.....	1
“ “ 1 month “.....	1
Total.....	2
Indecent Exposure—Committed for 6 months by Justice.....	1
Suspicious Persons—Discharged by Justice.....	1
Males.....	55
Females.....	5
Total arrests for December.....	60
Arrests for the Quarter.	
Males.....	184
Females.....	23
Total.....	207
Accidents.	
39 accidents have occurred in the various parks during the quarter.	
Collisions.	
17 collisions have taken place in Central Park.	
Sick and Injured Cared For.	
33 persons were found sick or injured and taken to hospital or home.	
Runaways.	
59 runaways have taken place in Central Park, 29 of which were caught by mounted officers, and 21 were caught by officers on foot, 9 passed out of the park.	
Suicides.	
4 persons committed suicide in Central Park, 3 of whom were males, and 1 female.	
Killed by Electric Wire.	
1 man was killed (at City Hall Park) by the electric wire.	
Dead Infant.	
1 dead infant found in Central Park and taken to the Morgue.	
Rescued from Drowning.	
1 male person was rescued from drowning.	
Officer Injured.	
1 officer was assaulted and injured by a prisoner during the quarter.	
Horses and Wagons taken to Park Stables.	
25 horses and wagons were taken to the Park Stables during the quarter.	
Horses taken to Park Stables.	
10 horses were taken to the Park Stables during the quarter.	
Wagons taken to Park Stables.	
13 wagons were taken to Park Stables.	
Bicycles taken to the Park Stables.	
3 bicycles were taken to Park Stables during the quarter.	
Impounded Animals.	
1 dog and 2 horses were impounded in the Park Pound, 8 cows and four horses were impounded in the Public Pound, from the new parks during the quarter.	
Lost Property.	
33 articles of lost property were found by members of the Police Force and delivered to the Property Clerk of the Department during the quarter.	
Lost Children.	
18 lost children were found in the various parks and taken to Police Headquarters or home.	
Concerts.	
6 concerts have been given in the various parks during the quarter.	

Resignations.	
5 Park Policemen resigned from the force during the quarter.	
Dismissals.	
3 Park Policemen were dismissed from the force during the quarter.	
Death of an Officer.	
1 Park Policeman died during the quarter.	
Recapitulation.	
Force.....	259
Resignations.....	5
Dismissals.....	3
Death of Park Policeman.....	1
Arrests.....	207
Accidents.....	39
Collisions.....	17
Sick and injured cared for.....	33
Runaways.....	59
Suicides.....	4
Killed by electric wire.....	1
Dead infant found.....	1
Rescued from drowning.....	1
Officer injured.....	1
Horses and wagons taken to Park Stables.....	25
Horses taken to Park Stables.....	10
Wagons taken to Park Stables.....	13
Bicycles taken to Park Stables.....	3
Impounded animals.....	15
Lost property (articles).....	33
Lost children.....	18
Concerts.....	6

Both during the quarter and the greater part of the year work has been extremely active, more particularly in the last two quarters, by reason of a large addition of new contracts consequent upon the acquirement of title to streets and the settlement of various questions of grades, etc., that had delayed work.

The length of sewer built during both the last quarter and the whole year exceeds that of any similar previous periods in the Twenty-third and Twenty-fourth Wards.

Taking the quarter, the amount of sewer built has been 9,201.66 linear feet, equal to 1.748 miles; the length of street paved, 7,614 linear feet, equal to 1.400 miles; or, in square yards, 16,732.16 square yards of pavement, trap and granite block.

The length of street regulated and graded, 2,329 linear feet; of curb set, 2,250.80 linear feet; of flagging laid, 12,036.40 square feet; of cross-walks laid, 761 1/2 linear feet.

In the quarter, five assessment lists, with their accompanying maps, having a lot frontage of 66,617 linear feet, were made up and transmitted to the Board.

The whole number of contracts entered into in the quarter was 15, divided as follows:

8 for sewers and appurtenances.
3 for pavement.
1 for regulating, grading, curb and flagging.
1 for regulating, grading, curb, flagging and crosswalks.
1 for curb and flagging and crosswalks.
1 for crosswalks.

14 of these are public contracts and one (sewer), a property-owners' contract, by permit to be done under the supervision and direction of the Department of Public Parks.

The number of contracts in force, 29.
In actual operation, 26.
Completed in the quarter, 8.
Remaining unfinished at end of quarter and year, 20 public contracts for street improvement and sewers, divided as follows:

12 for sewers and appurtenances.
1 for regulating and grading.
1 for regulating and grading, curb and flagging.
1 for curb, flagging and crosswalks.
3 for paving.

In addition to which is one property-owners' contract for a sewer and appurtenances.

For the year the figures are:

20,256.17 linear feet, equal to 3.836 miles of sewer built.
1 3/4 miles of pavement laid, or 46,064 square yards.
9,716.80 linear feet of new curb set.
6,571.10 linear feet of street regulated and graded, 1.244 miles.
42,073 square feet of new flagging laid.
738.80 linear feet of crosswalks laid.

The number of contracts in force during the year were as follows, viz.: For sewers, 21; for regulating, grading, curb and flagging, etc., 10; for paving, 8; for crosswalks, 2; for flagging, curbing and crosswalks, 1, making a total of 42 contracts in force, including 8 property-owners' contracts, all in active operation excepting 4, which will be proceeded with in the present year.

There was also in operation during the year, the work of depressing the tracks of the New York and Harlem Railroad and building bridges across the railroad on the lines of intersecting streets and avenues; and, laying railroad tracks in the Southern Boulevard and in Westchester avenue. There were entered into 32 new contracts in the year, of which 5 are property-owners' contracts.

Completed, 22 new and old, of which 6 are property-owners contracts, some having been brought over from the previous year.

15 assessment lists, with property maps, for completed improvements were made up and transmitted in the year, representing a lot frontage of 223,014 linear feet.

The details of all the works are set forth in the annexed tables, to which I beg to call your especial attention.

It will be seen by them that the total extent of sewerage in the Twenty-third and Twenty-fourth Wards at the end of the year 1889 is 166,166.100 linear feet or 31.171 miles after deducting old sewer taken up and replaced by new.

The total length of streets and avenues regulated and graded under City ordinances, 126,386.10 linear feet, or 23.887 miles, on completed contracts.

The total extent of pavement, granite-block and trap-block, 39,249.10 linear feet of street and avenue, or 7.484 miles, on completed contracts.

Summary for 1889—Sewers (Complete).

ITEMS.	Brick Sewer, Webster Avenue, Linear Feet.	Brick Sewer, 6' 11" x 8' 0", Linear Feet.	Brick Sewer, 6' 0" x 6' 10", Linear Feet.	Brick Sewer, 5' 4" x 6' 0", Linear Feet.	Brick Sewer, 5' 8" x 6' 4", Linear Feet.	Brick Sewer, 5' 4" x 4' 8", Linear Feet.	Brick Sewer, 5' 8" x 4' 6", Linear Feet.	Brick Sewer, 5' 0" x 6' 0", Linear Feet.	Brick Sewer, 4' 8" x 5' 4", Linear Feet.	Brick Sewer, 4' 4" x 3' 4", Linear Feet.	Brick Sewer, 4' 2" x 3' 2", Linear Feet.	Brick Sewer, 3' 3" to 5' 3" x 2' 4", Linear Feet.	Brick Sewer, 30" x 26", Linear Feet.	Brick Sewer, 30" x 20", Linear Feet.	4' 0" Circles, Linear Feet.	3' 6" Circles, Linear Feet.	3' 0" Circles, Linear Feet.	2' 6" Circles, Linear Feet.	18" Pipe Sewer, Linear Feet.	15" Pipe Sewer, Linear Feet.	12" Pipe Sewer, Linear Feet.	6" Pipe Sewer, Linear Feet.	Spurs.	Manholes.	Basins.	Piles, Linear Feet.	Timber, Foundation, Feet, B. M.	Timber, Sheet-piling, Feet, B. M.	Broken Stone, Cubic Yards.	Concrete, Cubic Yards.	Rubble, Cubic Yards.	Rock, Cubic Yards.	Surveys.	Soundings.	Specifications.	Plans, etc.	Assessment Lists.
First Quarter..	110	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	10	45	45	21.93	198.87	522.66	.....	196	24	4	28,000	55,756	858	12	0.27	.....	162.26	1	4	2	8	2
Second “ ..	604.4	.....	296	170	930	.....	.....	.....	.....	.....	.....	.....	180	373.45	.....	.....	.....	.....	198	266	1,502.5	.....	*378	*35	..	37,000	194,000	34,260	283	25	.....	669.6	4	3	4	11	1
Third “ ..	1,200	90	.....	1,486	570	.....	.....	334	.....	.....	.....	.....	.....	.....	35	35	35	40	236	240	344	300	219	27	1	31,000	233,600	12,000	25	.....	.....	620	2	3	8	7	..
Fourth “ ..	1,200	199.55	0.81	600	.....	.....	215	1,210	11	200	150	75	34.5	680	.....	35	105	..	773	1,624.8	1,188	900	663	66	22	37,400	237,400	12,000	101	27.5	703.6	1,450	3	3	3	16	3
Totals.....	3,004.5	399.55	896.81	2,256	1,500	.....	215	1,544	11	200	150	75	214.5	1,054.45	70	80	185	85	1,228.93	2,323.67	3,557.16	1,200	1,486	152	27	133,400	720,756	59,118	421	52.77	703.6	2,901.86	10	13	17	42	6

* Webster Avenue is not included.

NOTE—Total length of sewers built during 1889, 20,256.47 linear feet=3.836 miles; of this, 373.45 linear feet is old sewer torn up and rebuilt, making 19,883.02 linear feet=3.765 miles; built and added to the total length in the District.	
Total length of sewer built in 1889, 20,256.47 linear feet.....	3.836 miles on 20 contracts.
“ “ prior to 1889 (since annexation).....	25.092 “
“ “ prior to annexation.....	3.24 “
Deduct old sewer taken up and replaced by new in 1886.....	416.67 linear feet.
“ “ 1887.....	1,390 “
“ “ 1888.....	1,499 “
“ “ 1889.....	373.45 “
Total.....	0.697 “
	31.471 “

Detailed Statement of Work done on Webster Avenue Sewer, during the Year 1889, by Quarters.

	Brick Masonry, Cubic Yards.	Rubble Masonry, Cubic Yards.	Concrete, Cubic Yards.	Earth Excavation, Cubic Yards.	Rock Excavation, Cubic Yards.	18-inch Pipe, Linear Feet.	12-inch Pipe, Linear Feet.	Spurs.	Receiving Basin.	Broken Stone, Cubic Yards.	Timber and Plank, Feet, B. M.	Manhole Heads.	Wrought Iron Steps.	Granite, Special, Cubic Feet.	Hammer-dressed Blue Stone, Cubic Feet.	Vitrified Stoneware, Linear Feet.	Manhole Steps.
First Quarter*.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Second " ..	400	770	70	8,000	.....	.....	.....	75	.....	4	60,000	.....	.....	.....	7	.....	.....
Third " ..	800	1,030	250	6,000	20	.....	.....	125	.....	10	75,000	9	.....	.....	14	.....	25
Fourth " ..	800	1,100	80	8,000	10	6	100	270	.....	25	95,000	12	35	11.4	29	30	.....
Totals.....	2,000	2,900	300	22,000	30	*6	*100	*100	.....	40	230,000	21	35	11.4	50	30	25

The above represents—
3,004.4 linear feet of sewer built, 6' 5" to 7' span.
30.0 " " 26' x 36".
6.0 " " 18".
100.0 " " 12".
Totals..... 3,140.4 linear feet = $\frac{593}{1000}$ of a mile.

Summary for 1889—Street Improvements (Complete.)

ITEMS.	Earth Excavation, Cubic Yards.	Rock Excavation, Cubic Yards.	Filling, Cubic Yards.	New Curb, Linear Feet.	Old Curb, Linear Feet.	New Flagging, Square Feet.	Old Flagging, Square Feet.	Bridge-stone, Square Feet.	Granite Pavement, Square Yards.	Trap Pavement, Square Yards.	Trap Pavement Relaid, Square Yards.	McAdam Pavement Relaid, Square Yards.	Brick Masonry, Cubic Yards.	Rubble Masonry, Cubic Yards.	Pipe Culvert, Linear Feet.	Surveys.	Specifications.	Plans, etc.	Assessment Lists.	Monuments Reset.	Regulated and Graded, Lengths, Completed, Linear Feet.	Paved, Lengths, Completed, Linear Feet.	Horse R. R. Built, Linear Feet.	Lines Given, Linear Feet.	Soundings.
First Quarter..	283.4	4,373.6	973.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..	3	11	3	7	.....	.....	....	.....	..
Second " ..	5,656.2	2,275.2	5,041.9	7,460.2	.....	29,960	.....	738.8	785	8,091.7	.....	4,002	.....	12.3	60	9	4	16	3	3	.....	.....	1,766	....	1
Third " ..	8,390	508	40,538.5	5.9	.....	76.6	.....	.....	17,642.5	2,812.2	1,210	3,334	.....	.....	235	4	..	..	2	.....	.....	8,000	4,400	1	
Fourth " ..	1,462.6	700	42,713.4	2,250.2	711.4	12,036.4	956.3	.....	12,432.6	4,300	.....	.....	22	.....	90	3	4	6	6	..	.....	.....	....	.....	..
Totals...	15,792.2	7,856.8	89,267.6	9,716.3	711.4	42,073.0	956.3	738.8	30,850.1	15,203.9	1,210	7,336.	22	12.3	335	12	15	33	12	12	*6,571.1	*8,339.3	9,766	4,400	2

The assessment lists made in 1889 represent 1,961 lots, with a frontage of 139,031 linear feet, on 18 contracts.
*These totals represent lengths for which "payment on acceptance" has been made out.
Total length of streets regulated and graded and added in 1889..... 6,571.1 linear feet = 1.244 miles, on 6 contracts.
Total length of streets regulated and graded and added in 1889..... 8,339.3 " = 1.579 " 5 "
These lengths represent completed contracts only, and do not include works "in progress."

Length of Streets Regulated and Graded and Paved in the Twenty-third and Twenty-fourth Wards, from January 1, 1874, to January 1, 1890, or since Annexation.

YEAR.	STREETS GRADED, LINEAR FEET.	STREETS PAVED, LINEAR FEET.	PAVEMENT LAID DURING THE YEAR, SQUARE YARDS.		TOTAL PAVEMENT AT END OF YEAR, SQUARE YARDS.	
			Trap.	Granite.	Trap.	Granite.
1874.....	.....	.....	.....	.....	*29,250	.....
1875.....	.....	2,600	14,085	.....	43,335	.....
1876.....	.....	5,500	45,960.2	.....	89,295.2	.....
1877.....	3,409	.....	.....	.....	89,295.2	.....
1878.....	.....	.....	.....	.....	89,295.2	.....
1879.....	1,800	.....	.....	.....	89,295.2	.....
1880.....	2,500	14,300	.....	.....	89,295.2	.....
1881.....	1,770	.....	.....	.....	89,295.2	.....
1882.....	5,091	.....	.....	.....	89,295.2	.....
1883.....	26,749	3,042	18,037	.....	107,332.2	.....
1884.....	14,500	6,400	25,105	.....	132,437.2	.....
1885.....	14,668	4,558	20,486.8	.....	152,924	.....
1886.....	18,145.8	313.6	825	883.3	153,749	883.3
1887.....	15,121.5	661	4,373	.....	158,122	883.3
1888.....	16,061.2	3,535.9	14,385	10,575	172,507	11,458.3
1889.....	*16,571.1	*8,339.3	15,203.9	30,850.1	187,710.9	42,318.4
Totals.....	*126,386.6	*39,249.8	.....	.....	.....	.....

* Done prior to annexation.
† Repaving does not add to total area paved.
‡ On completed and accepted contracts only.

The grand total of pavement in the Twenty-third and Twenty-fourth Wards is \$ 230,029.3 square yards. Increase over 1888, 46,064 square yards.

Engineering Force and Inspectors on December 31, 1889.

- 1 Engineer of Construction in Charge of Streets and Sewers, Twenty-third and Twenty-fourth Wards.
3 Assistant Engineers.
3 Assistants.
2 Rodmen.
1 Chainman.
3 Axemen.
3 Skilled Laborers.
1 Draughtsman.
3 Inspectors on Regulating and Grading.
15 Inspectors on Sewers.
3 Inspectors on Depression of Tracks of the N. Y. & H. R. R.
2 Inspectors on Paving.

Necessary repairs and improvements have been made on the following roads, streets and avenues in the Twenty-third and Twenty-fourth Wards during the quarter ending December 31, 1889:

§ Includes partly completed contracts.

Earth Roads Repaired and Improved.

	Square feet.
Morris avenue, between One Hundred and Fifty-eighth and One Hundred and Sixty-first streets.....	16,200
One Hundred and Sixty-fourth street, between Washington and Trinity avenues.....	21,750
One Hundred and Fifty-second street, between Robbins and Tinton avenues.....	1,681
One Hundred and Fifty-sixth street, between Third and St. Ann's avenues.....	24,500
One Hundred and Fifty-fourth street, between Courtlandt and Melrose avenues.....	2,500
Stebbins avenue, between Union avenue and One Hundred and Sixty-sixth street.....	21,600
Vyse Lane.....	4,000
McCombs Dam road, between Featherbed lane and school.....	10,350
One Hundred and Seventy-third street, near McCombs Dam road.....	600
Sedgwick avenue, between Jerome avenue and school.....	12,840
Ogden avenue, between Jerome avenue and Birch street.....	9,460
Devcoe street, near Lind avenue.....	2,975
Highbridge road, between Anderson avenue and McCombs Dam.....	11,900
Anderson avenue, East High Bridge road.....	720
Aqueduct avenue, between Featherbed lane and Washington Bridge.....	54,050
Featherbed lane near Anderson avenue.....	19,290
Wolf street, between Ogden and Sedgwick avenues.....	13,070
Undercliff avenue, near Sedgwick avenue.....	12,600
Sedgwick avenue, between One Hundred and Eighty-fourth street and Wood's Lane.....	12,100
One Hundred and Seventieth street, between Railroad and Franklin avenues.....	21,960
Stebbins avenue, between Home and One Hundred and Sixty-sixth streets.....	16,700
Kingsbridge road, near Church street.....	4,050
Gun Hill road, near Perry avenue.....	2,700
Bettner's lane, between Riverdale avenue and Martin's place.....	43,200
Third street, between Mile Square road and Grand avenue.....	30,141
First avenue, east of Third street.....	3,841
Bathgate avenue, between One Hundred and Seventy-sixth and One Hundred and Seventy-seventh streets.....	5,000
One Hundred and Sixty-fifth street, between Washington and Railroad avenues.....	4,680
St. Ann's avenue, between One Hundred and Forty-eighth and One Hundred and Forty-ninth streets.....	2,048
One Hundred and Fifty-eighth street, between Elton and Courtland avenues.....	4,000
Southern Boulevard, between St. Ann's and Willis avenues.....	8,000
McCombs Dam road, between Jerome avenue and One Hundred and Seventy-fourth street.....	5,250
Jerome avenue, between Oliff Park road and Jerome Park gate.....	6,600
Williamsbridge road, between Kingsbridge road and Bainbridge.....	60,500
Bainbridge avenue, near Suburban street.....	28,000
Gray street, near Topping street.....	8,400
One Hundred and Seventy-second street, between Third and Washington avenues.....	13,500
Bathgate avenue, between One Hundred and Seventy-second and One Hundred and Seventy-third streets.....	11,250
One Hundred and Seventy-third street, between Bathgate and Washington avenues.....	6,250
One Hundred and Seventy-fourth street, between Third and Washington avenues.....	12,500
One Hundred and Seventy-fifth street, between Southern Boulevard and Washington avenue.....	24,375
Westchester avenue, between Southern Boulevard and Prospect Avenue.....	95,600
Tremont avenue, between Webster and Bathgate avenues.....	5,000
Jerome avenue and Gun Hill road.....	16,200
Mosholu avenue, between Broadway and Riverdale lane.....	14,160
Albany Post road, near Mosholu avenue.....	2,800
Morris avenue, between Tremont avenue and One Hundred and Seventy-third street.....	14,000
Depot place.....	24,000
Wolf street, south of Ogden's greenhouse.....	4,125
Sedgwick avenue, between Wolf street and Jerome avenue.....	6,340
Ogden avenue, between Union avenue and school-house.....	11,253
Orchard street, between Anderson and Ogden avenues.....	7,600
Woods lane.....	18,700
Morris avenue, between One Hundred and Forty-eighth and One Hundred and Fifty-second street.....	16,720
One Hundred and Fifty-third street, between Courtland and Morris avenues.....	4,720
One Hundred and Fifty-ninth street, between Courtland and Elton avenues.....	4,440

	Square feet.
Franklin avenue, between One Hundred and Sixty-ninth and One Hundred and Seventieth streets.....	8,320
One Hundred and Sixty-ninth street, between Third and Fulton avenues.....	8,320
Gerard avenue, near One Hundred and Sixty-first street.....	650
Elton avenue, between One Hundred and Fifty-third and One Hundred and Fifty-seventh streets.....	18,860
Junction Third and Elton avenues.....	1,584
Total.....	858,623

In connection with the above work, 31,800 cubic yards of Aqueduct material and quarry-stone were used in filling in and raising the road-beds.

Gutters Opened.

	Lin. ft.
Jefferson street, near Broadway.....	300
Mott avenue, between One Hundred and Thirty-eighth and One Hundred and Sixty-second streets.....	15,000
McComb's Dam road, near One Hundred and Seventy-fourth street.....	4,400
High Bridge road, near Kingsbridge road.....	4,000
Washington avenue, near Third and Pelham avenues.....	12,000
Bainbridge avenue and Suburban street.....	500
Williamsbridge road, between Bainbridge avenue and High Bridge road.....	2,000
Independence avenue, near Meyers lane.....	300
Olin avenue, near West High Bridge road.....	500
Gray street, near Topping street.....	230
One Hundred and Forty-sixth street, between Third and St. Ann's avenues.....	3,000
One Hundred and Forty-seventh street, between Brook and St. Ann's avenues.....	1,400
One Hundred and Forty-ninth street, between Third and St. Ann's avenues.....	2,400
One Hundred and Fifty-third street, between Third and Railroad avenues.....	3,200
One Hundred and Fiftieth street, between Third and Railroad avenues.....	3,680
One Hundred and Fifty-first street, between Third and Railroad avenues.....	3,200
One Hundred and Forty-ninth street, between Robbins avenue and Boulevard.....	3,000
One Hundred and Fifty-second street, between Third and Morris avenues.....	3,400
One Hundred and Sixty-first street, between Railroad bridge and Morris avenue.....	1,440
One Hundred and Sixtieth street, between Morris and Railroad avenues.....	700
Morris avenue, between One Hundred and Forty-second and One Hundred and Sixty-fourth streets.....	6,700
One Hundred and Sixty-fourth street, between Boston and Trinity avenues.....	1,380
Trinity avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-fifth streets.....	490
One Hundred and Fifty-eighth street, between Courtland and Third avenues.....	2,600
One Hundred and Fifty-sixth street, between Railroad and St. Ann's avenues.....	4,800
One Hundred and Sixty-first street between Third and Cauldwell avenues.....	1,080
St. Ann's avenue at Third avenue.....	3,025
Jackson avenue and One Hundred and Eighty-seventh street.....	1,400
College avenue, between One Hundred and Forty-first and One Hundred and Forty-second streets.....	400
Morris and Sherman avenues.....	5,900
One Hundred and Forty-fifth street, between St. Ann's and Rider avenues.....	5,400
Vanderbilt avenue, between One Hundred and Seventy-fourth and One Hundred and Seventy-fifth streets.....	320
Isaac street, near Webster avenue.....	300
Franklin avenue, between One Hundred and Sixty-ninth and One Hundred and Seventieth streets.....	1,040
Mechanic street, West Farms.....	620
One Hundred and Seventy-fourth street, between Third and Washington avenues.....	1,000
One Hundred and Seventy-fifth street, between Boulevard and Washington avenue.....	3,250
One Hundred and Fifty-fourth street, between Third and Morris avenues.....	3,000
One Hundred and Fifty-fifth street, between Third and Morris avenues.....	3,000
Courtland avenue, between One Hundred and Sixty-first and One Hundred and Sixty-fifth streets.....	5,550
One Hundred and Sixty-second street, between Courtland and Washington avenues.....	1,800
One Hundred and Fifty-seventh street, between Railroad and Elton avenues.....	3,000
Westchester avenue, between Boulevard and Prospect.....	6,200
Gerard avenue and One Hundred and Sixty-ninth street.....	400
Jerome avenue, between Gun Hill road and Oliff Park.....	1,800
Albany avenue, between Boston road and McCombs street.....	800
Moshulu avenue, between Broadway and Riverdale.....	1,000
Weber's lane, near Broadway.....	200
Berrian avenue, between Suburban and High Bridge road.....	2,800
Morris avenue and One Hundred and Eighty-third street.....	300
Ogden avenue, between Jerome avenue and Devoe street.....	1,000
Orchard street, between Ogden and Anderson avenues.....	976
Featherbed lane, near Aqueduct.....	1,000
Wood's lane.....	550
One Hundred and Fifty-ninth street, between Courtland and Elton avenues.....	370
One Hundred and Sixtieth street, between Tinton and Forest avenues.....	708
Elton avenue, between One Hundred and Fifty-third and One Hundred and Sixty-seventh streets.....	1,600
One Hundred and Sixty-second street, between Walton and Sherwood avenues.....	600
Southern Boulevard, between Brook and St. Ann's avenues.....	1,000
Main street, between Home street and High Bridge road.....	11,700
McComb's Dam road, near Jerome avenue.....	1,400
High Bridge road, between Anderson avenue and McComb's Dam road.....	1,090
Sedgwick avenue, south of Wood's lane.....	375
Undercliff avenue, north of Sedgwick avenue.....	250
One Hundred and Seventieth street, between Third and Franklin avenues.....	1,830
Fulton avenue, between One Hundred and Sixty-ninth and One Hundred and Seventieth streets.....	1,886
One Hundred and Sixty-ninth street, between Tinton and Franklin avenues.....	850
Stebbins avenue, between Home and One Hundred and Sixty-sixth streets.....	950
Prospect avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-fifth streets.....	350
Kingsbridge road, between Jerome and Sedgwick avenues.....	3,750
Riverdale avenue, near Delafield lane.....	2,100
Independence avenue, between Thorns and Warren streets.....	1,400
Broadway, between Riverdale avenue and Martin's street.....	15,500
Bettner's lane, between Riverdale avenue and Martin's street.....	4,000
Third street, between Mile Square road and Grand avenue.....	1,398
First avenue, near Third street.....	200
Jerome avenue, between One Hundred and Sixty-second and One Hundred and Seventy-seventh street.....	2,600
One Hundred and Seventy-third street, between Bathgate and Washington avenues.....	750
Total.....	194,380

Pavements Relaid.

	Sq. ft.
One Hundred and Forty-eighth street, between Third and Brook avenues.....	291
Southeast corner Eagle avenue and One Hundred and Sixty-third street.....	280
No. 140 Alexander avenue.....	120
No. 372 Willis avenue.....	270
Willis avenue, between One Hundred and Forty-first and One Hundred and Forty-second street.....	425
No. 144 Alexander avenue.....	120
Willis avenue, between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets.....	320
Third avenue, 200 feet north of One Hundred and Sixty-seventh street.....	140
Third avenue, at One Hundred and Seventieth street.....	380
Third avenue, between One Hundred and Fifty-fifth and One Hundred and Fifty-sixth streets.....	980
Willis avenue, south of One Hundred and Thirty-seventh street.....	460
Alexander avenue and One Hundred and Forty-first street.....	45
Third avenue, between One Hundred and Fifty-second and One Hundred and Fifty-third streets.....	100
East side Third avenue, 222 feet north of Rose street.....	100
South side One Hundred and Thirty-eighth street, east of Willis avenue.....	360
Third avenue and One Hundred and Forty-ninth street.....	600
Southeast corner One Hundred and Thirty-fifth street and Willis avenue.....	120
Total.....	5,111

Curb and Gutter Stone Relaid.

	Lin. ft.
North side One Hundred and Forty-ninth street, between Morris and Railroad avenues.....	184
South side One Hundred and Eighty-third street near Railroad avenue.....	150
West side Morris avenue and One Hundred and Fifty-first street.....	20
Northeast corner Fourth avenue and One Hundred and Thirty-eighth street.....	20
One Hundred and Sixty-first street and Cauldwell avenue.....	30
Total.....	404

Crosswalks Relaid.

	Lin. ft.
One Hundred and Sixty-first street and Railroad avenue.....	30
One Hundred and Sixty-fourth street and Brook avenue.....	20
St. Ann's avenue and One Hundred and Fifty-third street.....	20
St. Ann's avenue and One Hundred and Fifty-fifth street.....	16
Morris avenue and One Hundred and Forty-first street.....	40
One Hundred and Sixty-ninth street and Fulton avenue.....	120
One Hundred and Sixty-ninth street and Third avenue.....	169
One Hundred and Sixty-fifth street and Courtland avenue.....	120
One Hundred and Seventieth street and Fulton avenue.....	22
Cauldwell avenue and One Hundred and Sixty-fifth street.....	44
Trinity avenue and One Hundred and Sixty-fifth street.....	66
Jackson avenue and One Hundred and Sixty-fifth street.....	66
Forest avenue and One Hundred and Sixty-fifth street.....	90
Brook avenue and One Hundred and Forty-sixth street.....	20
Tinton avenue and One Hundred and Sixty-fifth street.....	100
Boston avenue and Broadway.....	22
Jefferson street and Boston avenue.....	160
One Hundred and Sixty-first street and Cauldwell avenue.....	60
One Hundred and Seventy-seventh street and Washington avenue.....	100
Total.....	1,285

Crosswalks Cleaned.

	Lin. ft.
College avenue, between One Hundred and Forty-first and One Hundred and Forty-sixth streets.....	250

Guard Rail Repaired.

	Lin. ft.
Spuyten Duyvil road.....	40
Oliff Park road and Albany avenue.....	30
Total.....	70

Sidewalks Repaired.

	Square feet.
One Hundred and Seventieth street and Fulton avenue.....	42
Sedgwick avenue, between Lind avenue and One Hundred and Seventy-sixth street.....	2,500
Fleetwood avenue and One Hundred and Sixty-second street.....	112
Mott avenue, near One Hundred and Fifty-second street.....	74
One Hundred and Fifty-sixth street, east of Morris avenue.....	750
Spring place, between Third and Franklin avenue.....	388
Vanderbilt avenue, between One Hundred and Seventy-seventh and One Hundred and Seventy-eighth streets.....	647
McComb's Dam road.....	400
One Hundred and Forty-eighth street and Third avenue.....	60
Week street and One Hundred and Seventy-fourth street.....	105
Total.....	5,078

Bridges Repaired.

At One Hundred and Sixty-fifth street, over Cromwell's creek.
At Westchester avenue, over Bronx river.
At Denman place, over Bungay creek.
At Pelham avenue, over Mill brook.
At Mechanic street over brook.

Trees Cut Out.

Decatur avenue and Cole street.....	1
St. Ann's avenue and One Hundred and Forty-seventh street.....	1
East One Hundred and Fifty-fourth street, No. 645.....	1
One Hundred and Seventy-eighth street and Washington avenue.....	1
Union avenue, No. 821.....	1
Boston avenue and Jefferson street.....	1
East One Hundred and Thirty-seventh street, No. 874.....	1
Total.....	7

Holes and Washouts.

Holes and washouts were filled in and repaired at the following places, viz. :
One Hundred and Seventieth street near Jerome avenue.
Jerome avenue, between One Hundred and Sixty-first and One Hundred and Seventy-seventh streets.
One Hundred and Fifty-sixth street and Elton avenue.
One Hundred and Forty-sixth street and Third avenue.
Southern Boulevard and Hunt's Point road.
Westchester and Prospect avenues.
Lafontaine street, near One Hundred and Eighty-seventh street.
Church street, near Railroad Bridge.
One Hundred and Forty-second street and Alexander avenue.
Bailey avenue and Kingsbridge road.
Courtland avenue and One Hundred and Fifty-seventh street.
Third avenue and One Hundred and Sixtieth street.
Kelley street.
One Hundred and Thirty-eighth street, west of Mott Haven canal.
Morris avenue and One Hundred and Fortieth street.
St. Ann's avenue, near Third avenue.
Broadway, near Van Cortlandt lane.
Sedgwick avenue, near milk depot.
Gerard avenue, and One Hundred and Sixty-ninth street.
One Hundred and Fifty-third street, east of Morris avenue.
One Hundred and Sixty-first street and Jerome avenue.
One Hundred and Forty-eighth street, near Third avenue.
Palisade avenue, near River street.
Independence avenue.
One Hundred and Fifty-third street, near Morris avenue.
Kingsbridge Hill.
One Hundred and Thirty-fifth street, east of Willis avenue.
Boston avenue, near Home street.
One Hundred and Forty-third street, between Third and College avenues.
Dashes lane.
One Hundred and Forty-ninth street and Bergen avenue.
Ogden avenue, near school-house.
Broadway, near Albany Post road.
Fleetwood avenue, between One Hundred and Sixty-second and One Hundred and Sixty-third street.
Bailey avenue, near Fordham Landing road.
Depot place.
One Hundred and Fifty-ninth street and Melrose avenue.
Mott avenue and One Hundred and Fifty-fifth street.
Brook avenue and One Hundred and Thirty-eighth street.
Weber's lane.
Spuyten Duyvil road.
St. Ann's avenue, between One Hundred and Forty-eighth and One Hundred and Forty-ninth streets.
Vanderbilt avenue, south of Highbridge road.
Third avenue and One Hundred and Eightieth street.
No. 653 East One Hundred and Fifty-first street.
Week street and One Hundred and Seventy-fourth street.
One Hundred and Forty-third street and College avenue.
Featherbed lane.

One Hundred and Sixty-first street and Gerard avenue.
Forest avenue and One Hundred and Sixty-first street.

SEWERS AND DRAINS.

Stone Drain Built.

High Bridge road and Claremont avenue.....	Lineal ft.	133
High Bridge road and McComb's Dam road.....		28
Claremont avenue and High Bridge road.....		16
McComb's Dam road and One Hundred and Seventy-fourth street.....		28
Total.....		205

Stone Drain Repaired and Cleaned.

Webster avenue and Bedford Park.....	Lineal ft.	40
One Hundred and Eighty-eighth street and Hoffman street.....		30
Woodruff avenue and Southern Boulevard.....		40
Home street and Union avenue.....		45
One Hundred and Seventy-seventh street and Washington avenue.....		100
Pond place.....		43
Vyse street, West Farms.....		80
Clinton avenue and One Hundred and Sixty-ninth street.....		75
Prospect and Tremont avenues.....		40
Home street and Stebbens avenue.....		420
One Hundred and Seventy-fifth street and Washington avenue.....		150
Lorillard place and One Hundred and Eighty-seventh street.....		130
Tremont avenue and Southern Boulevard.....		36
Total.....		1,229

Pipe-drain Cleaned.

Courtland avenue near One Hundred and Fifty-eighth street.....	Lineal ft.	110
Franklin and Third avenues.....		30
One Hundred and Fifty-ninth street and Melrose avenue.....		30
Total.....		170

Pipe-drain Laid.

Third avenue and One Hundred and Seventieth street.....	Lineal ft.	32
---	------------	----

Box-drains Set.

Morris avenue and One Hundred and Fifty-eighth street.....	Lineal ft.	40
One Hundred and Sixty-second street and Courtland avenue.....		456
Riverdale avenue and South street.....		123
One Hundred and Sixtieth street, near Courtland avenue.....		31
Boston avenue, near Jefferson street.....		96
McComb's Dam road, 300 feet near bridge.....		12
McComb's Dam road, north of One Hundred and Seventy-fourth street.....		12
One Hundred and Seventy-seventh street and Fourth avenue.....		24
Topping and Graig street.....		34
Southern Boulevard and Jefferson street.....		78
Total.....		906

Box-drains Repaired.

One Hundred and Seventy-second street and Bathgate avenue.....	Lineal ft.	30
One Hundred and Eighty-ninth street and Fordham.....		24
One Hundred and Fifty-sixth street, east of Morris avenue.....		24
One Hundred and Sixty-first street and Gerard avenue.....		108
Total.....		186

Box-drains Cleaned.

Columbine avenue and Adam street.....	Lineal ft.	30
College avenue and One Hundred and Forty-eighth street.....		30
One Hundred and Fifty-eighth street and Melrose avenue.....		24
Total.....		84

Receiving-basins Cleaned.

Third avenue and One Hundred and Sixty-third street.....	No.	1
Third avenue and One Hundred and Seventieth street.....		1
Third avenue and One Hundred and Sixty-fourth street.....		1
Fourth avenue and One Hundred and Seventieth street.....		1
Franklin and Third avenues.....		1
One Hundred and Thirty-fifth street and Alexander avenue.....		1
One Hundred and Thirty-sixth street and Alexander avenue.....		1
One Hundred and Thirty-fourth street and Alexander avenue.....		1
Boston avenue and One Hundred and Sixty-fourth street.....		1
Southern Boulevard and Alexander avenue.....		1
Teasdale place and Boston avenue.....		2
Alexander avenue and One Hundred and Thirty-eighth street.....		1
Washington avenue and One Hundred and Sixty-ninth street.....		2
One Hundred and Forty-fourth street, between Mott and Fourth avenues.....		1
One Hundred and Thirty-fifth street and Third avenue.....		1
One Hundred and Thirty-sixth street and Third avenue.....		1
One Hundred and Thirty-seventh street and Third avenue.....		1
One Hundred and Sixty-ninth street and Fulton avenue.....		3
Boston avenue, No. 1267.....		1
Lincoln avenue and One Hundred and Thirty-seventh street.....		1
Lincoln avenue, between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth street.....		2
Third avenue, and One Hundred and Thirty-ninth street.....		1
Third avenue and One Hundred and Fortieth street.....		2
Home street and Forest avenue.....		1
Third avenue, No. 3394.....		1
Spring place and Third avenue.....		1
Third avenue and One Hundred and Sixty-sixth street.....		1
Third avenue and One Hundred and Fifty-second street.....		1
One Hundred and Thirty-fifth street and St. Ann's avenue.....		1
Rider avenue and One Hundred and Thirty-ninth street.....		1
Fourth avenue and One Hundred and Seventy-seventh street.....		5
Fourth avenue and One Hundred and Forty-fourth street.....		2
One Hundred and Thirty-fourth street and St. Ann's avenue.....		1
Brown place and One Hundred and Thirty-fourth street.....		1
Third and Willis avenues.....		1
Washington avenue and One Hundred and Sixty-fifth street.....		1
One Hundred and Thirty-eighth street and Brook avenue.....		1
Willis avenue and One Hundred and Forty-first street.....		1
One Hundred and Seventy-fifth street and Vanderbilt avenue.....		2
One Hundred and Thirty-eighth street and Willis avenue.....		1
One Hundred and Thirty-sixth street and Willis avenue.....		1
One Hundred and Thirty-ninth street and Willis avenue.....		1
One Hundred and Thirty-fourth street and Willis avenue.....		2
One Hundred and Forty-third street and Willis avenue.....		1
Mott avenue and One Hundred and Thirty-ninth street.....		1
Mott avenue and One Hundred and Fiftieth street.....		1
One Hundred and Forty-fourth street and Willis avenue.....		1
Willis avenue and One Hundred and Forty-sixth street.....		2
College avenue and One Hundred and Forty-third street.....		1
One Hundred and Sixty-second street and Melrose avenue.....		1
College avenue and One Hundred and Forty-fourth street.....		2
One Hundred and Fiftieth street and Courtland avenue.....		2
One Hundred and Forty-ninth street and Courtland avenue.....		1
Total.....		69

Receiving-basins Rebuilt.

Northwest corner One Hundred and Seventy-fifth street and Washington avenue.....	I
East side Fourth avenue near One Hundred and Seventy-sixth street.....	I
Total.....	2

Receiving-basins Built.

Vanderbilt avenue and One Hundred and Seventy-fourth street.....	I
--	---

Culverts Rebuilt.

Gun Hill road, near Perry avenue.....	Lineal ft.	33
Berrian avenue, near Olin avenue.....		18
Washington and Pelham avenues.....		40
Bainbridge avenue and Suburban street.....		50
Williamsbridge road and North Kingsbridge road.....		30
Olin avenue and Washington street.....		10
Bettner's lane and Johnson avenue.....		29
Total.....		210

Culverts Repaired and Cleaned.

First avenue, East and West Third street.....	Lineal ft.	78
Third street, near First avenue.....		34
Third street, near First avenue.....		28
Third street, near First avenue.....		32
Kingsbridge road, near Church street.....		30
Mosholu avenue, West Albany postroad.....		20
Palisade avenue and South street.....		20
Total.....		222

Sewers Cleaned.

Third avenue and One Hundred and Seventieth street.....	Lineal feet.	620
One Hundred and Forty-sixth street and Morris avenue.....		140
Total.....		760

Statement showing the Number of Days of the Working Force employed in the Twenty-third and Twenty-fourth Wards for the Quarter ending December 31, 1889.

MONTH.	Superintendent.	Foremen.	Assistant Foremen.	Skilled Laborers.	Janitress.	Draw Tender.	Sewer Laborers.	Blacksmith.	Helper.	Carpenter.	Mason.	Paver.	Carts.	Double Teams.	Laborers.
October.....	31	135	120 $\frac{1}{2}$	155	31	31	213 $\frac{1}{2}$	26	24 $\frac{1}{2}$	27	25	25 $\frac{1}{2}$	71 $\frac{1}{2}$	794 $\frac{1}{2}$	2,550 $\frac{1}{2}$
November.....	30	120 $\frac{1}{2}$	112	150	30	30	192 $\frac{1}{2}$	21 $\frac{1}{2}$	19 $\frac{1}{2}$	24	19 $\frac{3}{4}$	19 $\frac{1}{2}$	47 $\frac{1}{2}$	535 $\frac{1}{2}$	2,274 $\frac{1}{2}$
December.....	31	100	110 $\frac{1}{2}$	142	31	31	196 $\frac{1}{2}$	22 $\frac{1}{2}$	20 $\frac{1}{2}$	25	11	18 $\frac{1}{2}$	34 $\frac{1}{2}$	488 $\frac{1}{2}$	1,709 $\frac{1}{2}$

Statement showing the Average Working Force, per day, employed in the Twenty-third and Twenty-fourth Wards, for the Quarter ending December 31, 1889.

MONTH.	Superintendent.	Foremen.	Assistant Foremen.	Skilled Laborers.	Janitress.	Draw Tender.	Sewer Laborers.	Blacksmith.	Helper.	Carpenter.	Mason.	Paver.	Carts.	Double Teams.	Laborers.
October.....	1	5	4 $\frac{1}{2}$	5	1	1	7 $\frac{1}{2}$	24 $\frac{1}{2}$	24 $\frac{1}{2}$	1	25 $\frac{1}{2}$	25 $\frac{1}{2}$	217 $\frac{1}{2}$	2611 $\frac{1}{2}$	94 $\frac{1}{2}$
November.....	1	5 $\frac{1}{2}$	4 $\frac{1}{2}$	5	1	1	8 $\frac{1}{2}$	21 $\frac{1}{2}$	19 $\frac{1}{2}$	1	19 $\frac{3}{4}$	19 $\frac{1}{2}$	123 $\frac{1}{2}$	227 $\frac{1}{2}$	94 $\frac{1}{2}$
December.....	1	4	4 $\frac{1}{2}$	4 $\frac{1}{2}$	1	1	7 $\frac{1}{2}$	22 $\frac{1}{2}$	20 $\frac{1}{2}$	1	11	18 $\frac{1}{2}$	34 $\frac{1}{2}$	190 $\frac{1}{2}$	68 $\frac{1}{2}$

Statement showing the Working Force employed in the Twenty-third and Twenty-fourth Wards at the end of the Fourth Quarter, 1889.

Superintendent.	Foremen.	Assistant Foremen.	Skilled Laborers.	Janitress.	Draw Tender.	Sewer Laborers.	Blacksmith.	Helper.	Carpenter.	Mason.	Paver.	Carts.	Double Teams.	Laborers.
1	3	4	4	1	1	8	1	1	1	1	1	2	17	56

SURVEYING, LAYING-OUT AND MONUMENTING.

Office Work.

- A. Maps forwarded for adoption :
1. Plan and profile showing the extension of Walton avenue, from Cheever place to East One Hundred and Thirty-eighth street.
 2. Map or plan showing change of street system in Central District, lying between East One Hundred and Sixty-seventh street, Sheridan avenue, Elliott street, Jerome avenue, East One Hundred and Seventy-seventh street, Tremont avenue and Webster avenue.
 3. Plan and profile showing change of grade of Railroad avenue, East, between One Hundred and Fifty-first and One Hundred and Fifty-fifth streets.
 4. Plan and profile showing change of lines of Kyer avenue, between East One Hundred and Eighty-first and East One Hundred and Eighty-second streets.
 5. Map or plan showing revision of the street system in the Spuyten Duyvil District, between Kappock street, Independence avenue, Ewen street and the first street east of Troy street.
 6. Map or plan showing discontinuance of Anderson avenue, between Sedgwick and Bremer avenues.
 7. Plan and profile showing proposed grades of East One Hundred and Sixty-fifth street, from Sherman avenue to College avenue.
 8. Map and plan showing revision of street system in Spuyten Duyvil District, lying between the Spuyten Duyvil Parkway, Riverdale avenue, a street on the northern line of W.C. Wetmore estate, Waldo street, and the southern line of the Whiting estate.
 9. Plan of drainage for Sewerage Districts 31G. and 33M.
- B. Maps forwarded for filing :
1. Three copies of map or plan showing extension of East One Hundred and Seventy-ninth street, from Vanderbilt avenue, East, to Washington avenue.
 2. Five copies of plan of drainage for Sewerage Districts 31G. and 33M.
- C. Calculations were completed during the quarter for remonumenting the revised street systems in the following districts :
1. At Kingsbridge, the district between Macomb street and Van Cortlandt Park, extending from Broadway to Sedgwick avenue.
 2. At Fordham, the district between Webster avenue and Bronx river, extending from Pelham avenue to Bedford Park.
 3. At Williamsbridge, the district between Jerome avenue and the Reservoir, extending from Potter place to Mosholu Parkway.
- Summary of calculations in connection with monumenting :
1. Monument points established.....
 2. Instructions prepared for setting monuments.....
 3. Instructions prepared for raising monuments.....
 4. Area of district amended or established (acres).....
 5. Traverse lines examined (feet).....

Field Work.

1. Traverse lines measured :

	Feet.
A. Kingsbridge, south of Van Cortlandt Park.....	1,545
B. Between Pelham avenue and Bedford Park.....	4,618
C. Sheridan avenue at Railroad Y.....	1,685
D. East One Hundred and Seventy-ninth street.....	1,012
E. Moshulu Parkway.....	574
F. Belmont.....	27,578
G. Bronx river.....	5,935
H. Norwood.....	2,642
I. Woodlawn Heights.....	18,421
	64,010

"A." Measurements for monument tests :

A. Crimmins avenue.....	961
B. East One Hundred and Seventy-ninth street and Tiebout avenue.....	3,442
C. East One Hundred and Forty-ninth street and Spencer place.....	564
D. Belmont.....	16,347
E. Base line in Van Cortlandt Park.....	5,562
F. City line.....	3,491
	30,367

"B." Measurements for setting monument points :

A. At Kingsbridge, north of Weber's lane.....	3,310
B. At Kingsbridge, south of Van Cortlandt Park.....	8,165
C. Sheridan avenue.....	117
D. Crimmins avenue.....	625
E. East One Hundred and Seventy-ninth street.....	354
F. East One Hundred and Forty-ninth street and Spencer place.....	565
	13,136

Grand total..... 107,513

Or 20.4 miles.

2. Monument points set :

	Points.
A. At Kingsbridge, north of Weber's lane.....	16
B. At Kingsbridge, south of Van Cortlandt Park.....	88
C. Sheridan avenue.....	1
D. Crimmins avenue.....	3
E. East One Hundred and Seventy-ninth street.....	2
F. East One Hundred and Forty-ninth street and Spencer place.....	1
	111

Total..... 111

3. Monuments and bolts set and raised :

	Monument Stones.	Bolts.	Raised.
A. At Kingsbridge, north of Weber's lane.....	16	..	4
B. At Kingsbridge, south of Van Cortlandt Park.....	84	3	30
C. Sheridan avenue.....	1	..	1
D. Crimmins avenue.....	3	..	2
E. East One Hundred and Forty-ninth street and Spencer place.....	1	..	..
F. Division avenue.....	1	..	1
	106	3	38

II.—TAX MAPS.

A. Examinations, searches, comparisons of surveys and calculations of dimensions, and net and gross areas of properties, were progressed during the quarter for volumes 8 and 9. Changes in the street system necessitated the alteration of dimensions and areas of properties of portions of Volume 8. Work was begun on Volume 10.

B. The drafting necessary to complete the following tax-map pages and duplicates for volume 8 was executed during the quarter :

5, 6, 18, 19 and index to map pages..... 5

Copies of the above..... 5

Total..... 10

C. Portions of the Central District lying between the Southern Boulevard and Van Cortlandt avenue, and portions of the Woodlawn District lying between Grand avenue and the Mile Square road, were surveyed during the quarter.

D. The tabulated record of current real estate conveyances in the Twenty-third and Twenty-fourth Wards, was kept up to date.

III. SURVEYS, MAPS AND PLANS.

A.—Street Openings.

Surveys, searches and calculations have been completed and the results incorporated in the following maps, which have been forwarded.

A. Rule Maps and technical descriptions of—

1. Willis avenue, from Harlem river to East One Hundred and Forty-seventh street.
2. Undercliff avenue, from Twenty-third Ward line to Sedgwick avenue.
3. Railroad avenue, West, from Morris avenue to East One Hundred and Sixty-fifth street.

B.—Draft Damage Maps.

There were no draft damage maps requested during the quarter.

C. Draft Benefit Maps—

1. German place, from Westchester to Brook avenue, Rae street from St. Ann's avenue to German place, and Carr street from St. Ann's avenue to German place.
2. Bremer avenue, from Jerome avenue to Birch street.
3. Devoe street, from Ogden to Bremer avenue.
4. East One Hundred and Fiftieth street, from Railroad avenue, East, to Third avenue.
5. East One Hundred and Fifty-third street, from Railroad avenue, East, to Third avenue.

D. Final Copies of Damage and Benefit Maps—

1. East One Hundred and Fifty-ninth street, from Railroad avenue, East, to Third avenue.
2. East One Hundred and Sixty-second street, from Courtland to Elton avenue, and from Brook to Third avenue.
3. East One Hundred and Forty-fifth street, from East One Hundred and Forty-sixth street to St. Ann's avenue.

4. East One Hundred and Forty-sixth street, from Railroad avenue, East, to St. Ann's avenue.
5. Chisholm street, from Stebbins avenue to Jennings street.
6. Bristow street, from Boston road to Stebbins avenue.
7. Jennings street, from Union to Stebbins avenue.

E. Surveys for the preparation of damage maps were completed for—

1. Cauldwell avenue, from Boston road to Westchester avenue.
2. Location of fence on the Home of Incurables on Third avenue.
3. Jackson avenue, from Westchester avenue to Boston road.
4. Hampden street, from Sedgwick to Jerome avenue.
5. Cedar avenue, from Sedgwick avenue to Fordham road.
6. Camman street, from Harlem River Terrace to Fordham road.
7. Harlem River Terrace, from Cedar avenue to Fordham road.
8. Willis avenue, from Harlem river to Southern Boulevard.
9. Lind avenue, from Devoe street to Sedgwick avenue.
10. Willow avenue from Bronx Kills to East One Hundred and Thirty-eighth street.
11. Walnut avenue, from East One Hundred and Thirty-second to East One Hundred and Forty-first street.
12. Locust avenue, from East One Hundred and Thirty-second to East One Hundred and Forty-first street.
13. Beach avenue, from Kelly street to Southern Boulevard.
14. Wales avenue, from Kelly to Crane street.
15. Establishing the western line of Crotona Park.

F. Levels for establishing grades were taken on—

1. Undercliff avenue, from Washington bridge to northern line of Ogden estate.
2. Railroad avenue, East, from East One Hundred and Fifty-first to East One Hundred and Fifty-fifth street, together with location of the houses on the same.

C.—Drafting.

During the quarter the following maps were drawn :

- 25 relating to laying out, adopting and filing of street plans and sewerage plans.
- 6 relating to monumenting (this does not include incidental tracings).
- 10 relating to tax maps.
- 129 relating to street opening matters (this does not include working tracings).
- 13 relating to miscellaneous matters.

Making a total of 183 maps, aggregating 378 square feet.

MENAGERIE.

The following donations have been received :

- Oct. 4. 1 St. Thomas conure, presented by Mrs. Rice, New York City.
" 4. 1 alligator terrapin, presented by Guy A. Ward, New York City.
" 4. 1 young puma, presented by Capt. B. F. Burdick, New York City.
" 7. 1 belted kingfisher, presented by C. H. Racey, New York City.
" 7. 1 cebus monkey, presented by Mr. N. J. Crowell, Newark.
" 9. 1 kinkajou, presented by Master Willie R. Davies, Jamaica.
" 9. 1 parakeet, presented by Mr. J. B. Morse, New York City.
" 9. 1 raccoon, presented by Mr. A. H. Helme, Miller's place, Long Island.
" 9. 1 small alligator, presented by Mr. Krause, New York City.
" 12. 1 sora rail, presented by Mr. George E. Jantzer, New York City.
" 12. 1 horse, presented by Dr. A. Liautard, New York City.
" 13. 1 woodpecker, presented by Mr. John Townsend, New York City.
" 14. 1 duck hawk, presented by Mr. George J. Godfred, New York City.
" 14. 1 opossum, presented by Mr. John Long, New York City.
" 22. 9 young opossums, presented by Mr. E. C. Wells, New York City.
" 25. 1 moss monkey, presented by Mr. Antonio Guimaraes, New York City.
" 26. 1 raccoon, presented by Mr. W. E. Edwards, New York City.
" 26. 1 raccoon, presented by Mr. Joseph Conklin, Dobbs Ferry.
" 30. 1 small alligator, presented by Miss Davidson, New York City.
" 30. 1 sharp shinned hawk, presented by Mr. Fred W. Lochmann, New York City.
Nov. 8. 1 screech owl, presented by Mrs. D. W. Keys, Jr., New York City.
" 11. 1 raccoon, presented by Master J. Webber, Fordham.
" 11. 1 raccoon, presented by Master Philip C. Hubbard, Montclair.
" 13. 1 sparrow hawk, presented by Mr. Ad. Demuth, New York City.
" 16. 1 bonnet monkey, presented by Mrs. M. Schiff, New York City.
" 21. 1 Yucatan deer, presented by Mr. Richard A. McCurdy, New York City.
" 23. 1 Southdown ram lamb, presented by Dr. H. Seward Webb, New York City.
" 23. 1 snowy owl, presented by Mr. C. H. Randebrock, New York City.
" 24. 1 small alligator, presented by Mr. Louis Hoffman, New York City.
" 29. 1 screech owl, presented by Mr. Matthew Cox, New York City.
" 30. 1 blue jay, presented by Miss Belle Rosevear, Jersey City.
Dec. 2. 1 herring gull, presented by Mr. David Ellis, New York City.
" 6. 2 Virginia deer, presented by Mr. Conrad Stein, New York City.
" 6. 1 horned owl, presented by Mr. S. S. Howland, Mount Morris, N. Y.
" 7. 1 red fox, presented by Mr. F. Antoine, New York City.
" 7. 1 peregrine falcon, presented by Mr. John S. Cochran, New York City.
" 9. 1 blue heron, presented by Mr. W. H. Crane, New York City.
" 12. 1 yellow-crested cockatoo, presented by Mr. P. T. Barlow, New York City.
" 16. 1 small alligator, presented by Mrs. H. M. Smith, New York City.
" 26. 1 raccoon, presented by Miss Elizabeth Luff, New York City.
" 26. 1 horse, presented by Mr. Philip Lane, New York City.
" 28. 1 opossum, presented by Mr. D. P. Templeton, New York City.
Dec. 28. 1 quail, presented by Mrs. Price, New York City.
" 30. 1 alligator, presented by the New York Turn Verein.
" 30. 1 black bear, presented by Mr. F. Q. Barstow, New York City.

The following additions have also been made :

Births.

1 African buffalo.

1 hippopotamus.

Purchased.

1 Indian leopard.
1 Australian opossum.
1 kangaroo.

1 brown coat.
8 monkeys.
2 African pythons.

Received in Exchange.

2 American elks.

2 black swans.

Placed on Exhibition.

Judge McCann—
Oct. 9. 1 brown bear.

Hon. John H. Starin—
Oct. 9. 3 seals.

A. M. Johnson—
Oct. 11. 1 monkey.

Sir E. G. Loder—
Oct. 12. 6 beavers.

John B. Doris—
Oct. 13. 2 horned owls.

J. D. Scudder—
Oct. 26. 3 black bears.

Donald Burns—
Nov. 13. 1 gannet.

C. W. Dickel—
Nov. 23. 1 Virginian deer.

Charles Kent—
Dec. 5. 1 parakeet.

F. J. Thompson—
Dec. 13. 4 monkeys.

During the past quarter the following specimens have been returned to their owners :
Messrs. Barnum & Bailey—
Oct. 7. 3 sea lions, deposited March 4, 1889.
" 7. 2 camels, deposited April 17, 1889.
" 7. 2 kangaroos, deposited April 26, 1889.

Judge McCann—
Oct. 12. 1 brown bear, deposited October 9, 1889.
Hon. J. H. Starin—
Oct. 18. 3 seals, deposited October 9, 1889.
Sir E. G. Loder—
Oct. 30. 6 beavers, deposited October 12, 1889.

Gen. T. H. Barber—
Nov. 1. 3 white swans, deposited September 30, 1889.
Mr. Keppler—
Nov. 1. 1 blue and yellow macaw, deposited April 29, 1889.

METEOROLOGICAL OBSERVATORY.

During the past quarter monthly tables have been printed for distribution to home and foreign observatories and libraries ; weekly reports have been issued to the CITY RECORD and newspapers, weekly and hourly reports to the Health Department, and meteorological information has been supplied to the law courts.

The annexed tables give an abstract of the mean, the maximum and minimum readings from the various self-recording instruments in this observatory for the last quarter of the year 1889, and also comparisons with the observations for the same quarter for the past twenty years, taken at this observatory.

BAROMETER (Reduced to Freezing).

	1889.	For the past 20 years.
October—		
Mean for 7 A. M.....	29.933	29.972
Mean for 2 P. M.....	29.897	29.930
Mean for 9 P. M.....	29.933	29.958
Mean for month.....	29.921	29.953
Maximum for month at 9 A. M., 23d.....	30.304	30.636 9 A. M., 26th, 1879.
Minimum for month at 3 P. M., 1st.....	29.488	29.050 6 A. M., 30th, 1885.
November—		
Mean for 7 A. M.....	29.970	29.955
Mean for 2 P. M.....	29.933	29.914
Mean for 9 P. M.....	29.959	29.949
Mean for month.....	29.954	29.939
Maximum for month at 11 P. M., 16th.....	30.542	30.700 12 P. M., 30th, 1887.
Minimum for month at 6 A. M., 22d.....	29.256	28.736 6 A. M., 18th, 1873.

December—			
Mean for 7 A. M.	30.046	29.977	
Mean for 2 P. M.	29.988	29.935	
Mean for 9 P. M.	30.046	29.966	
Mean for month.	30.027	29.959	
Maximum for month at 9 P. M., 31st.	30.756	30.800	9 A. M., 1st, 1887.
Minimum for month at 2 P. M., 26th.	29.180	28.420	8 P. M., 29th, 1876.
Quarter—			
Mean for 7 A. M.	29.983	29.968	
Mean for 2 P. M.	29.939	29.926	
Mean for 9 P. M.	29.979	29.958	
Mean for quarter.	29.967	29.950	
Maximum for quarter at 9 P. M., Dec. 31st.	30.756	30.800	9 A. M., Dec. 1st, 1887.
Minimum for quarter at 2 P. M., Dec. 26th.	29.180	28.420	8 P. M., Dec. 29th, 1876.

SUN THERMOMETER (Fahrenheit Degrees).

October—			
Mean for month.	1889. 94.4	For the past 12 years. 105.7	
Maximum for month at 12 M., 4th.	122	150	— 9th, 1879.
Minimum for month, at 2 P. M., 14th.	54	52	3 P. M., 23d, 1888.
Greatest possible hours of sunshine.	329	328	
Actual number of hours of sunshine.	140	201	
Number of days in which no clouds passed over the sun.	4	6	
November—			
Mean for month.	88.6	89.1	
Maximum for month at 12 M., 1st.	118	127	1 P. M., 1st, 1882.
Minimum for month at 1 P. M., 25th.	53	36	— 6th, 1878.
Greatest possible hours of sunshine.	282	282	
Actual number of hours of sunshine.	114	157	
Number of days in which no clouds passed over the sun.	4	6	
December—			
Mean for month.	86.4	76.1	
Maximum for month at 1 P. M., 25th.	114	111	12 M., 4th, 1879.
Minimum for month at 10 A. M., 14th.	41	29	11 A. M., 29th, 1880.
Greatest possible hours of sunshine.	279	279	
Actual number of hours of sunshine.	145	135	
Number of days in which no clouds passed over the sun.	6	7	
Quarter—			
Mean for quarter.	89.8	90.3	
Maximum for quarter at 12 M., Oct. 4th.	122	150	— Oct. 9th, 1879.
Minimum for quarter at 10 A. M., Dec. 14th.	41	29	11 A. M., Dec. 29th, 1880.
Greatest possible hours of sunshine.	296	296	
Actual number of hours of sunshine.	133	164	
Number of days in which no clouds passed over the sun.	5	6	

THERMOMETER (Fahrenheit Degrees) IN SHADE.

October—			
Mean for 7 A. M.	1889. 45.71	For the past 20 years. 50.19	
Mean for 2 P. M.	54.19	59.73	
Mean for 9 P. M.	49.35	54.45	
Mean for month.	49.72	54.77	
Maximum for month at 4 P. M., 1st.	73	87	3 P. M., 1st, 1881.
Minimum for month at 2 A. M., 24th.	32	29	7 A. M., 25th, 1879.
November—			
Mean for 7 A. M.	42.23	38.95	
Mean for 2 P. M.	47.43	46.25	
Mean for 9 P. M.	44.67	42.28	
Mean for month.	44.74	42.48	
Maximum for month at 9 A. M., 3d.	63	76	3 P. M., 12th, 1879.
Minimum for month at 7 A. M., 16th.	25	5	8 A. M., 30th, 1875.
December—			
Mean for 7 A. M.	36.26	30.09	
Mean for 2 P. M.	44.03	35.62	
Mean for 9 P. M.	39.74	32.94	
Mean for month.	39.97	32.86	
Maximum for month at 3 P. M., 25th.	64	67	4 P. M., 14th, 1881.
Minimum for month at 7 A. M., 4th.	13	6	8 A. M., 30th, 1880.
Quarter—			
Mean for 7 A. M.	41.40	39.74	
Mean for 2 P. M.	48.55	47.20	
Mean for 9 P. M.	44.59	43.22	
Mean for quarter.	44.81	43.37	
Maximum for quarter at 4 P. M., Oct. 1st.	73	87	3 P. M., Oct. 1st, 1881.
Minimum for quarter at 7 A. M., Dec. 4th.	13	6	8 A. M., Dec. 30th, 1880.

THERMOMETER, WET BULB, IN SHADE (Fahrenheit Degrees).

October—			
Mean for 7 A. M.	1889. 41.74	For the past 20 years. 47.52	
Mean for 2 P. M.	47.39	52.64	
Mean for 9 P. M.	44.68	50.44	
Mean for month.	44.57	50.19	
Maximum for month at 3 P. M., 1st.	63	74	5 P. M., 1st, 1884.
Minimum for month at 2 A. M., 24th.	28	27	4 A. M., 31st, 1869.
November—			
Mean for 7 A. M.	38.73	36.81	
Mean for 2 P. M.	42.00	41.52	
Mean for 9 P. M.	40.73	39.21	
Mean for month.	40.45	39.16	
Maximum for month at 9 A. M., 3d.	60	67	7 P. M., 10th, 1888.
Minimum for month at 7 A. M., 16th.	22	5	8 A. M., 30th, 1875.
December—			
Mean for 7 A. M.	34.81	28.43	
Mean for 2 P. M.	40.09	32.41	
Mean for 9 P. M.	37.29	30.79	
Mean for month.	37.37	30.54	
Maximum for month at 3 P. M., 9th.	57	61	1 P. M., 11th, 1879.
Minimum for month at 7 A. M., 4th.	12	6	8 A. M., 30th, 1880.
Quarter—			
Mean for 7 A. M.	38.43	37.59	
Mean for 2 P. M.	43.16	42.19	
Mean for 9 P. M.	40.90	40.15	
Mean for quarter.	40.80	39.96	
Maximum for quarter at 3 P. M., Oct. 1st.	63	74	5 P. M., Oct. 1st, 1884.
Minimum for quarter at 7 A. M., Dec. 4th.	12	6	8 A. M., Dec. 30th, 1880.

ELASTIC FORCE OF AQUEOUS VAPOR (Inches of Mercury).

October—			
Mean for 7 A. M.	1889. .222	For the past 20 years. .308	
Mean for 2 P. M.	.247	.319	
Mean for 9 P. M.	.242	.329	
Mean for month.	.237	.319	
November—			
Mean for 7 A. M.	.202	.204	
Mean for 2 P. M.	.203	.214	
Mean for 9 P. M.	.213	.213	
Mean for month.	.206	.210	

December—			
Mean for 7 A. M.	.194	.146	
Mean for 2 P. M.	.209	.153	
Mean for 9 P. M.	.200	.155	
Mean for month.	.201	.151	
Quarter—			
Mean for 7 A. M.	.206	.219	
Mean for 2 P. M.	.220	.229	
Mean for 9 P. M.	.218	.232	
Mean for quarter.	.215	.227	

RELATIVE HUMIDITY (Saturation 100).

October—			
Mean for 7 A. M.	1889. 68	For the past 20 years. 81	
Mean for 2 P. M.	56	59	
Mean for 9 P. M.	66	73	
Mean for month.	63	71	
November—			
Mean for 7 A. M.	70	81	
Mean for 2 P. M.	60	65	
Mean for 9 P. M.	69	74	
Mean for month.	67	73	
December—			
Mean for 7 A. M.	85	82	
Mean for 2 P. M.	69	71	
Mean for 9 P. M.	79	79	
Mean for month.	78	77	
Quarter—			
Mean for 7 A. M.	74	81	
Mean for 2 P. M.	62	65	
Mean for 9 P. M.	71	75	
Mean for quarter.	69	74	

WIND.

October—			
Prevailing direction.	1889. NNE.	For the past 20 years. W.	
Velocity for month (in miles).	5,472.0	4,949.6	
Maximum velocity for day (in miles) on 15th.	392.	460.	24th, 1880.
Maximum force of wind (in pounds) during the month, at 5.40 P. M., 2d.	11.50	27.00	5.30 P. M., 4th, 1869.
November—			
Prevailing direction.	WSW.	W.	
Velocity for month (in miles).	5,332.0	5,701.4	
Maximum velocity for day (in miles) on 19th.	356.	576.	20th, 1869.
Maximum force of wind (in pounds) during the month, at 3.30 P. M., 14th.	10.00	49.25	7.30 P. M., 12th, 1883.
December—			
Prevailing direction.	SW.	W.	
Velocity for month (in miles).	5,995.0	6,207.0	
Maximum velocity for day (in miles) on 27th.	373.	578.	10th, 1872.
Maximum force of wind (in pounds) during the month, at 9 P. M., 11th.	15.50	30.75	3.10 A. M., 28th, 1883.
Quarter—			
Prevailing direction.	WNW.	W.	
Velocity for quarter (in miles).	16,799.0	16,858.0	
Maximum velocity for day (in miles) on 15th of October.	392.	578.	December 10, 1872.
Maximum force of wind (in pounds) during the quarter, at 9 P. M., December 11th.	15.50	49.25	7.30 P. M., Nov. 12, 1883.

RAIN AND SNOW.

October—			
Number of days on which rain and snow descended.	1889. 13	Average for the past 20 years. 9	
Duration.	D. H. M. 4 12 30	D. H. M. 2 20 37	
Depth of water in inches.	2.61	3.56	
Depth of snow in inches.	00	.62	
November—			
Number of days on which rain and snow descended.	14	9	
Duration.	D. H. M. 5 8 30	D. H. M. 2 23 29	
Depth of water in inches.	10.00	3.20	
Depth of snow in inches.	00	1.30	
December—			
Number of days on which rain and snow descended.	10	10	
Duration.	D. H. M. 2 10 15	D. H. M. 3 16 46	
Depth of water in inches.	1.92	3.23	
Depth of snow in inches.	6.00	7.36	
Quarter—			
Number of days on which rain and snow descended.	12	9	
Duration.	D. H. M. 4 2 25	D. H. M. 3 4 17	
Depth of water in inches.	4.84	3.33	
Depth of snow in inches.	2.00	2.89	

OZONE.

October—			
Mean for month.	1889. 1.32	For the past 11 years. 1.14	
November—			
Mean for month.	.17	1.22	
December—			
Mean for month.	.48	1.31	
Quarter—			
Mean for quarter.	.66	1.22	

The average number of men employed each day in the various works of this Department were as follows:

	OCT.	NOV.	DEC.
Officers and Clerks	19	19	19
Topographical Engineers	38	38	34
Engineers of Construction	18	18	16
Inspectors	17	17	26
Park-keepers, etc.	263	255	265
Foremen, Mechanics, Laborers, etc., comprising all labor on south side of the Harlem river.	724	626	577
Twenty-third and Twenty-fourth Wards, including Superintendent, Foremen, Laborers, etc.	141	127	101
Foremen, Laborers, etc., New Parks north of Harlem River	49	27	16
Foremen, Laborers, etc., Parade Ground	42	12	....
Average totals.	1,311	1,139	1,054

APPOINTMENTS.			
39 Laborers.....	Per day,	\$1 76	
2 Cottage Laborers.....	Per month,	45 00	
12 Carpenters.....	Per day,	3 00	
2 Rockmen.....	"	2 00	
5 Double Teams.....	"	4 50	
1 Painter.....	"	3 00	
1 Assistant Foreman.....	Per month,	75 00	
1 Draughtsman.....	"	100 00	
2 Masons.....	Per day,	3 50	
10 Inspectors.....	"	4 00	
2 Inspectors.....	"	3 50	
3 Inspectors.....	"	3 00	
1 Axeman.....	Per month,	50 00	

RESTORED.			
1 Fireman.....	Per month,	\$70 00	
1 Rockman.....	Per day,	2 00	
10 Laborers.....	"	1 76	
1 Driver.....	Per month,	55 00	
1 Carpenter.....	Per day,	3 00	

LAID OFF.			
3 Masons.....	Per day,	\$3 50	
1 Laborer.....	"	2 00	
145 Laborers.....	"	1 76	
13 Double teams.....	"	4 50	
4 Carpenters.....	"	3 00	
1 Assistant Foreman.....	Per month,	75 00	
1 Driver.....	"	55 00	
5 Gardeners.....	"	55 00	
11 Rockmen.....	Per day,	2 00	
7 Cartmen.....	"	3 00	
8 Park Keepers.....	Per annum,	1,000 00	
1 Park Keeper.....	"	800 00	
1 Assistant Engineer.....	"	2,250 00	
2 Inspectors.....	Per day,	4 00	

CHANGE OF TITLE AND PAY.			
1 Assistant Foreman.....	Per month,	\$75 00; to Foreman.....	Per month, \$100 00
1 Laborer.....	Per day,	1 76; to Skilled Laborer.....	Per day, 2 00
1 Skilled Laborer.....	"	2 00; to Assistant Foreman.....	Per month, 75 00
1 Foreman.....	Per month,	100 00; to Assistant Foreman.....	Per month, 75 00
1 Assistant Foreman.....	"	75 00; to Division Gardener.....	" 65 00
1 Assistant Engineer.....	Per annum,	2,000 00; to Assistant Engineer.....	Per annum, 2,250 00
1 ".....	"	1,800 00; to ".....	" 2,000 00
1 Assistant.....	"	1,500 00; to Assistant.....	" 1,700 00
1 ".....	"	1,000 00; to ".....	" 1,350 00
1 ".....	"	1,000 00; to ".....	" 1,350 00
1 Rodman.....	"	900 00; to Rodman.....	" 1,100 00
1 ".....	"	900 00; to ".....	" 1,100 00
1 Chainman.....	"	900 00; to Chinaman.....	" 950 00
1 Axeman.....	Per month,	65 00; to Axeman.....	" 800 00
1 ".....	"	65 00; to ".....	" 800 00
1 Skilled Laborer.....	"	80 00; to Skilled Laborer.....	" 1,100 00
1 ".....	"	50 00; to ".....	" 700 00
1 Assistant Engineer.....	Per annum,	1,600 00; to Assistant Engineer.....	" 1,800 00
1 ".....	"	1,200 00; to ".....	" 1,320 00
1 ".....	Per month,	90 00; to ".....	" 1,200 00
1 Draughtsman.....	Per annum,	1,200 00; to Draughtsman.....	" 1,320 00
1 Axeman.....	Per month,	60 00; to Axeman.....	Per month, 75 00
1 Skilled Laborer.....	"	60 00; to Axeman.....	" 75 00
1 ".....	"	65 00; to ".....	" 75 00

Twenty-third and Twenty-fourth Wards.

APPOINTMENTS.			
21 Laborers.....	Per day,	\$1 76	

LAID OFF.			
48 Laborers.....	Per day,	\$1 76	
1 Cartman.....	"	3 00	
9 Double teams.....	"	4 50	
1 Foremen.....	"	3 50	
1 Assistant Foreman.....	"	3 00	

CHANGE OF TITLE AND PAY.			
1 Laborer.....	Per day,	\$1 76; to Laborer.....	Per day, \$2 00

Number of animals cared for and impounded, and loads of grass sold, during the three months ending December 31, 1889:

43 wagons and horses cared for.....	\$43 00
4 horses impounded.....	8 00
7 loads of grass sold.....	7 00
Total.....	\$58 00

The following statement will show the number and character of permits issued during the quarter:	
For sewer connections.....	53
" sewer connections, repairs.....	11
" openings for Croton connections.....	136
" openings for Croton connections, repairs.....	28
" placing building materials on street.....	75
" opening for sewer connection south of Harlem river.....	1
" crossing sidewalk with teams.....	13
" cutting down and removing trees.....	14
" connecting with private service-pipe.....	2
" raising flag-stones to proper grade.....	8
" opening sidewalk to lay pipe to gutter.....	3
" building steps and platform to stores.....	2
" laying cement sidewalk.....	3
" building gutters (Washington avenue).....	1
" Fire Department, to build fire in street.....	1
" grading earth sidewalk.....	2
" cleaning drain-pipe.....	1
" cleaning culvert.....	1
" laying Croton water-pipe.....	1
" trimming trees.....	2
" resetting curb.....	1
" laying private sewer to Hudson river.....	1
" building gutter-bridge.....	1
" laying box-drain.....	3
" placing stone on street.....	1
" crossing Central Park after closing hour.....	37
" erecting guy posts.....	5
" constructing receiving basins (D. P. W.).....	2
" laying artificial sidewalk.....	1
" hauling stone over Riverside Drive.....	1
" Seventh Regiment to pass over Riverside Drive.....	1
" Seventh Regiment to drill in High Bridge Park.....	1
" laying gas-mains.....	2
" repairs to vault.....	1
" Tandem Club to parade through Central Park.....	1
" erecting stands for mass meetings.....	6
" placing paving-stones on Park sidewalk.....	1
" placing materials for electric conduits, Bowling Green.....	1
" removing property from New Parks.....	3
" opening streets to lay electric-light conduits.....	5

For raising flags at Battery and Central Park.....	2
" passing through Park with Tally-ho coach.....	3
" repairs to gas-main, Washington Park.....	1
" riding velocipedes, etc., in parks.....	411
" Old Guard to parade through Battery and City Hall Parks.....	1
" refitting and repairing lamp-posts.....	2
" replacing electric-light poles.....	1
" delivering coal and wood to U. S. Barge Office.....	2
" laying flagging, West Seventy-second street.....	1
" laying pipe line, New Aqueduct in Central Park.....	1
" opening for repairs fire-hydrant (D. P. W.).....	1
" New York World to remove frame building from yards.....	1
" removal of remains from burial ground Bronx Park.....	1
" collecting cones.....	1
" collecting cocoons.....	1
" laying 36-inch water-main from Mosholu Park to Southern Boulevard.....	1
" repairs to vault, Sixty-third street and Fifth avenue, (opening).....	1
" lawn tennis.....	19
" photographing.....	315
" sketching.....	105
" football.....	125
" la crosse.....	6
" croquet.....	10
" keeping yacht at Conservatory Lake, Central Park.....	1
" entering Central and Riverside Parks with supplies.....	77
" inspecting greenhouses.....	1
" traversing lawns on snow-shoes.....	52
" game of hares and hounds, Van Cortlandt Park.....	2

Bills and pay-rolls amounting to the sum of \$591,832.66 have been audited and transmitted to the Finance Department.	
Bills.....	\$320,325 98
Pay-rolls.....	271,506 68
Cash deposited with Chamberlain.....	15,086 07

By order of the Department of Public Parks.
CHARLES DE F. BURNS, Secretary.
W. HUTCHINS, President.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
NO. 300 MULBERRY STREET,
NEW YORK, July 18, 1890.

To the Supervisor of the City Record:
SIR—Pursuant to chapter 226, Laws of 1889, I herewith transmit the following list of appointments and applicants for appointment in the Police Department of the City of New York for the week ending July 18, 1890:

Appointed on Probation.

NAME.	RESIDENCE.	OCCUPATION.
Charles Baxter.....	318 East Thirty-first street.....	Woodworker.
Thomas F. Condren.....	550 Broome street.....	Porter.
James Conklin.....	436 West Forty-fifth street.....	Iron moulder.
Dennis Doyle.....	1687 Morris avenue.....	Laborer.
Edward Doyle.....	Kingsbridge, N. Y.....	Blacksmith.
John B. Donovan.....	74 South Fifth avenue.....	Clerk.
Francis Farney.....	247 West Sixty-sixth street.....	Porter.
Charles B. Griffin.....	1316 Tenth avenue.....	Ice dealer.
Luke Garvey.....	328 East One Hundred and Fifteenth street.....	Carpenter.
Thomas A. Hogan.....	225 East Thirty-ninth street.....	Porter.
James M. Hamill.....	1725 Second avenue.....	Cooper.
Fred. D. King.....	1601 Lexington avenue.....	Railroad Fireman.
John J. Lawton.....	47 Cannon street.....	Printer.
Joseph H. Lemaire.....	32 Pitt street.....	Deck-hand.
Thomas S. Mahaffy.....	146 West Twenty-eighth street.....	Farmer.
Thomas F. Meagher.....	302 East Thirty-ninth street.....	Foreman.
Richard Madden.....	536 Cypress avenue.....	Piano-polisher.
Michael Murray.....	48 Clarkson street.....	Laborer.
George G. McDonald.....	24 Cottage place.....	Clerk.
Frank McCarthy.....	39 Lewis street.....	Stone-cutter.
Samuel J. Pelton.....	2371 Eighth avenue.....	Teamster.
Henry A. Ruppert.....	300 West Sixty-ninth street.....	Cigar-maker.
John E. Reiss.....	2051 Second avenue.....	Farmer.
Edward J. Sweeny.....	752 Ninth avenue.....	Clerk.
John F. Tinker.....	886 Eighth avenue.....	Milkman.
John D. Taylor.....	300 East Eighty-third street.....	Machinist.
James Walsh.....	1727 First avenue.....	Railroad employee.
William A. Wood.....	256 East Forty-ninth street.....	Printer.

Applicants for Appointment.

NAME.	RESIDENCE.	OCCUPATION.	
William H. Ahrens.....	72 Sheriff street.....	Printer.....	Passed.
James King.....	386 Water street.....	Laborer.....	"
Martin Haniffy.....	Thirty-fourth street and Fifth avenue.....	Doorman.....	"
Daniel J. Hooley.....	8 Monroe street.....	Cooper.....	"
Herman C. Samuels.....	115 Chrystie street.....	Printer.....	Rejected.
Isaac Weisburger.....	66 East One Hundred and Ninth street.....	Car-conductor.....	"
David Brown.....	74 Beach street.....	Type-writer.....	Passed.
Joseph Geary.....	11 Varick street.....	Driver.....	Rejected.
August Heitel.....	143 Bleecker street.....	Truckman.....	Passed.
John Higgins.....	23 Gouverneur street.....	Machinist.....	Rejected.

Respectfully,
WM. H. KIPP, Chief Clerk.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
No. 301 MOTT STREET,
NEW YORK, July 9, 1890.

At a meeting of the Board of Health of the Health Department of the City of New York, held at its office, No. 301 Mott street, July 8, 1890, the following resolutions were adopted:

Resolved, That under the power conferred by law upon the Health Department, the following additional amendment 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.

Resolved, That section 100 of the Sanitary Code be and is hereby amended so as to read as follows:

Sec. 100. That every owner, lessee, tenant and occupant of any stall, stable or apartment in which any horse, cattle or swine, or any other animal shall be kept, or of any place in which manure or any liquid discharge of such animals shall collect or accumulate within the built-up portion of said city, shall cause said liquid and manure to be at once removed to some proper place, and shall at all times keep or cause to be kept such stalls, stables and apartments, and the drainage, yard and appurtenances thereof in a clean and wholesome condition, so that no offensive smell detrimental to health shall be allowed to escape therefrom. Whenever there shall be a cartload of unbaled manure on any premises, it shall be immediately removed as herein directed, the carts or wagons being loaded within the premises and not upon the street or sidewalk. It shall not be lawful to remove manure from any stable or premises, or to cart the same within the city limits without a permit from the Board of Health, unless the manure be pressed and baled in a manner satisfactory to the Board of Health, or be in tightly covered carts or wagons of a construction approved by the Board of Health, and be removed in a manner not in any way offensive or to cause any nuisance. Every such manure cart or wagon must have a permit in writing from the Board of Health, and be used in accordance with the conditions of such permit, and not otherwise. All manure when transported through the streets must be covered and secured so as to prevent offensive odors escaping, and drippings upon the streets, or be baled or enclosed in tightly covered barrels or receptacles approved by the Board of Health. The bales, barrels or other receptacles above mentioned shall not be opened, or the carts and wagons unloaded within the city limits, except upon the conditions of a permit in writing from the Board of Health, and at such docks or places remote from dwellings as shall be approved of by the Board of Health, and to which a permit in writing for such use shall have been previously granted by the Board of Health. When baled, manure shall be removed every ten days, or sooner, if required by the Board of Health. No manure shall be allowed to be thrown upon or to fall or remain in any street, sidewalk or ground near such stable. No manure-vault under the sidewalk shall be built or used. No manure-vault or receptacle outside of a stable shall be built or used on any premises, except pursuant to the terms of a permit granted therefor by the Health Department.

[L. S.]

C. GOLDERMAN, Chief Clerk.

CHARLES G. WILSON, President.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
NEW YORK, July 8, 1890.

The Board met, pursuant to adjournment.

Present—Commissioners Charles G. Wilson, Joseph D. Bryant, M. D., the Health Officer of the Port, the President of the Board of Police.

In the absence of the Secretary the President appointed the Chief Clerk Secretary, pro tem. The minutes of the last meeting were read and approved.

The Attorney and Counsel Presented the following Reports:

Weekly report of suits commenced and discontinued, judgments obtained and costs collected:	
Orders received for prosecution.....	140
Attorney's notices issued.....	186
Nuisances abated before suit.....	191
Civil suits commenced for violation of ordinances (Sanitary code).....	3
Civil suits commenced for other causes.....	23
Nuisances abated after commencement of suit.....	47
Suits discontinued by Board.....	23
Judgments for the Department—Civil suits.....	5
Civil suits now pending.....	201
Criminal suits now pending.....	181
Money collected and paid to Cashier—Civil suits.....	\$5 00

Weekly report of cases wherein nuisances have been abated and recommendations that actions be discontinued.

On motion, it was

Resolved, That the actions against the following-named persons for violations of the Sanitary Code be discontinued without costs, to wit:

NAMES.	No.	NAMES.	No.
Mary McGrath.....	1337	Michael O'Connor.....	1949
Mary McGrath.....	1338	Michael O'Connor.....	2301
John B. Hillyer.....	1795	John Jacob.....	2328
Patrick Lynch.....	517	Matilda C. Jansen.....	2329
Fredrick S. Myer.....	1179	Susan R. Lawton.....	2333
Hubert H. Muxson.....	2022	John Rosenberg.....	2341
James Varnum.....	2106	Bertha Sayles.....	2344
William Moritsky.....	2133	Louis Perine.....	2376
John B. Hibbard.....	1825	Joseph H. Willett.....	2382
Lewis Z. Bach.....	2151	William Younge.....	2383
John E. K. Greene.....	2166	Mary Kellok.....	2404
Louis Cowen.....	2197	Owen P. McDonald.....	2408
Lewis Goodman.....	1970	Edward Rafter.....	2415
Lewis Goodman.....	2203	Mary Ross.....	2417
George E. Rockwood.....	2210	Samuel B. Brown.....	2427
Henry Van Haden.....	2227	Patrick Egan.....	2434
David Aconson.....	2270	Mary Flack.....	2435
Henry A. Bogert.....	2273	P. A. H. Jackson.....	2442
John Connolly.....	2277	George Koch.....	2444
David Babcock.....	2280	John T. Muller.....	2455
Hugh Smith.....	2461	Henry Brennets.....	2471
Solomon Debrinen.....	2476	Benjamin J. Frey.....	2479
Richard Patken.....	2482	Bridget Quinn.....	2484
Joseph J. West.....	2488		

Report on application to record the birth of Julius William Meyer, born December 28, 1873. Referred to the Sanitary Committee.

The Sanitary Committee Presented the following Reports:

Weekly report from Riverside Hospital (small-pox).

Weekly report from Riverside Hospital (fevers).

Weekly report from Reception Hospital.

Weekly report from Willard Parker Hospital.

Report on changes in the Hospital Service.

Resolved, That the following changes in the Hospital Service be and are hereby approved:

NAMES.	POSITION.	SALARY.	APPOINTED. RESIGNED.	DATE.
Hannah Reeves.....	Helper.....	\$144 00	Discharged.....	July 1, 1890.
Kate Dunphy.....	Helper.....	144 00	Appointed, vice Reeves, disch'ged	" 5, "
Richard Anderson.....	Orderly.....	360 00	Resigned.....	June 30, "
George Palmer.....	Engineer.....	1,000 00	Appointed, vice Chas. Palmer, dis- charged.....	July 7, "

Report in respect to sewer to kitchen building at North Brother Island. Referred to the President.

Report of property at Willard Parker Hospital worn out and unfit for use. Referred to the Chief Clerk for examination and report.

Report on the question of tuberculosis in cows, which was approved and the Chief Clerk directed to forward a copy of the same to Chief Inspector Edison.

Report on the report of Secretary O'Dwyer, of the Medical and Consulting Board, in respect to intubation, which was approved.

Report on application to keep a lodging-house at No. 34 Bayard street, which was approved and the application denied.

Report on application to keep a lodging-house at No. 9 Bowery, which was approved and the application denied.

Report on condition of premises south side of One Hundred and Twenty-eighth street and Harlem river, where fowls are slaughtered. Which was approved; and, on motion, the permit was revoked.

Report in respect to complaint against Dr. Broughton. Referred to the Sanitary Superintendent.

The Finance Committee presented the following bills, which were approved and ordered forwarded to the Comptroller for payment:

NAMES.	AMOUNT.	NAMES.	AMOUNT.
C. Golderman.....	\$203 19	F. Friedenthal.....	\$11 05
T. F. White.....	3,000 00	Frazee & Co.....	26 10
A. McGerald.....	4 50	New York Mutual Gas-light Co.....	9 75
Gilbert & Barker Manufacturing Co.....	34 58	W. McKenna.....	15 00
John S. Moseley.....	20 00	C. Van Riper & Co.....	45 00
F. McCauley.....	166 66	Thurber, Whyland & Co.....	21 67
P. Rockwell.....	72 65	F. H. Leggett & Co.....	48 93
Old Farmer's Milk & Cream Dairy.....	64 80	J. L. Watt Iron Works.....	11 80
J. R. Donnelly & Co.....	6 10	R. Webber.....	298 41
Clark & Wilkins.....	5 00	Eimer & Amend.....	10 04

The following Communications were Received from the Sanitary Superintendent:

Weekly report of the Sanitary Superintendent.
Weekly report of the Chief Sanitary Inspector.
Weekly report of the Chemist and Assistant Chemist.
Weekly report of work performed by the Inspectors of Offensive Trades.
Weekly report on manure dumps.
Weekly reports on condition of offal and night-soil boats.
Weekly reports on condition of slaughter-houses.
Monthly report on the condition of streets during the month of June.
Reports on overcrowding in tenements.
Reports on applications for permits.
Reports on applications for relief from orders.
Report in respect to proposition made to Inspector Barkley by a Plumber. Laid on table.
Report in respect to application for a permit to use well at monastery on Lafayette road, near Barretto street, Hunt's Point.
Report on an investigation of the works and mains used by the New York Steam Company for the purpose of supplying power and heat to buildings in the city south of Reade street.

The following Communications were Received from the Chief Inspector of Contagious Diseases:

Weekly report of work performed by the Division of Contagious Diseases.
Weekly report of work performed by the Veterinarian.
Report on application for leave of absence.
The resignation of Inspector of Vaccination Gutieras was received; and, on motion, it was accepted, to date from June 30.
Report in respect to employment of a Foreman.
Report in respect to the conduct of Disinfector McGowan. Laid on table.
Report in respect to the dredging of Piers foot of East Eleventh street.

The following Communications were Received from the Register of Records:

Weekly letters.
Weekly abstracts of births.
Weekly abstracts of still-births.
Weekly abstract of marriages.
Weekly mortuary statement.
Weekly abstract of deaths from contagious diseases.
Weekly report of Clerks.
Reports on delayed birth returns.
Report on application to file supplemental papers.
Report in respect to leave of absence of Clerk Tucker.

Overcrowding in Tenements.

Whereas, The Sanitary Superintendent has certified to this Board that the following tenement-houses in the City of New York are so overcrowded that less than six hundred cubic feet of air space is afforded to each occupant in the said houses;

It is ordered, that the number of occupants in said tenement-houses be and are hereby reduced, as follows:

NUMBER.	LOCATION.	FRONT OR REAR HOUSE.	FLOOR.	LESSEE.	REDUCED TO	
					Adults.	Children.
2390	No. 23 Forsyth street.....	.....	Fifth, n. s. f.	Gottlip Wichichel.....	4	3
2391	".....	.....	Third, s. s. r.	Carmel Beass.....	5	2
2392	".....	.....	Third, n. s. f.	Slaman Hallegad.....	2	5
2393	".....	.....	Fourth, s. s. r.	Mark Capplau.....	3	2
2394	".....	.....	Fifth, s. s. f.	James Meyers.....	1	6
2395	No. 48 Forsyth street.....	.....	Second, n. s.	Benjamin Bilernich.....	2	4
2396	".....	.....	Fourth, n. s. r.	Louis Pasuer.....	3	5
2397	".....	.....	Fourth, n. s.	Uaftalaha Rosenblatt..	4	1

Permits Granted.

No.	BUSINESS-MATTER OR THING DENIED.	ON PREMISES AT
6892	To board and care for two infants.....	397 Seventh avenue.
6893	To keep one cow.....	North side Westchester avenue, between German place and Brook avenue.
6894	To keep two cows.....	One Hundred and Forty-second street, near New avenue.
6895	To keep one cow.....	No. 39 East Ninety-third street.
6896	To retain and use manure vault in yard.....	No. 114 East Fifty-seventh street.
6897	To retain and use manure box in yard.....	No. 186 o 632 Greenwich street.
6898	To retain and use manure box in yard.....	No. 2,537 Third avenue.
6899	To retain and use manure pit in yard.....	No. 601 Greenwich street.
6900	To occupy basement.....	No. 528 Hudson street.
6901	To keep twenty-four cows.....	Springhurst, One Hundred and Fifty-fifth street, near Southern Boulevard.
6902	To board and care for three infants (proviso) ..	No. 623 East Twelfth street.
6903	To slaughter not more than 5,000 chickens per week (temporarily).....	No. 225 East One Hundred and Twentieth street.
6904	To dig a well as proposed (proviso).....	Monastery, Lafayette road and Barretto street, Hunt's Point.

Permits Denied.

No.	BUSINESS-MATTER OR THING REVOKED.	ON PREMISES AT
483	To keep a lodging-house.....	No. 9 Bowery.
484	".....	No. 34 Bayard street.
485	".....	No. 111 Mulberry street.
486	" four chickens.....	No. 345 East Eighty-second street.
487	To retain and use manure-box.....	No. 2505 Third avenue.

Permits Revoked.

No.	BUSINESS-MATTER OR THING GRANTED.	ON PREMISES AT
4294	To keep slaughter-house to slaughter poultry ..	South side East One Hundred and Twenty-eighth street and Harlem river.
6505	" twelve chickens.....	No. 66 West One Hundred and Thirty-second street.

Orders Suspended, Extended, Modified, Rescinded or Referred.

No. of Order.	ON PREMISES AT	TIME EXTENDED TO	REMARKS.
240	South side of One Hundred and Third street, first house west of Eighth avenue.....	May 1, 1891	{ Provided the drain be kept in good sanitary condition. Extended during the pleasure of the Board for portion of order relating to cellar floor, and extended to October 1, 1890, for portion of order relating to cellar ceiling. Provided the defective lead waste-pipe from the second floor wash-basin be replaced by a two-inch iron waste-pipe at once.
1731	Nos. 39 and 41 Bowery.....	Sept. 1, 1890	
1784	Northeast corner of St. Ann's avenue and One Hundred and Fifty-sixth street.....	Jan. 1, 1891	
5269	No. 224 East Thirty-fifth street.....		
6813	No. 535 Eighth avenue.....	Aug. 1, 1890	{ Provided the privy-vault be disinfected, emptied and cleaned at once. { Provided the privy-vault be disinfected, emptied and cleaned at once. { Provided the privy-vault be disinfected, emptied and cleaned and filled with fresh earth at once. For water-closets, provided the privy-vault be disinfected, emptied and cleaned, and the balance of order be complied with at once.
7855	Nos. 234 and 236 West Twentieth street.....	" 1, "	
8035	No. 75 West One Hundred and Eighteenth street, eighty-five feet east of.....	July 15, "	
8449	No. 163 West Ninety-fifth street.....	Aug. 1, "	
8899	Ninety-seventh street, near Fourth avenue..	Oct. 1, "	{ Provided the privy-vault be disinfected, emptied and cleaned at once. { Provided the privy-vault be disinfected, emptied and cleaned and filled with fresh earth at once. For water-closets, provided the privy-vault be disinfected, emptied and cleaned, and the balance of order be complied with at once.
9053	East side of Kingsbridge road, near One Hundred and Sixty-sixth street.....	Nov. 1, "	
9334	West side of Edgecombe avenue, first house west of One Hundred and Forty-first street.....	Dec. 1 "	
9584	No. 469 East One Hundred and Fifty-second street.....	July 15, "	
9588	No. 1391 Fifth avenue.....	May 1, 1891	Modified not to require a new house-drain, provided the present house-drain be properly repaired.
9617	No. 1415 Second avenue.....		
9691	No. 57 South Fifth avenue.....	Aug. 1, 1890	
9789	No. 101 Broad street.....	" 5, "	
9804	No. 646 East One Hundred and Fifty-third street.....	Sept. 1, "	{ Provided the privy-vault be disinfected, emptied and cleaned at once. For balance of order. { Provided the privy-vault be disinfected, emptied and cleaned at once.
9805	No. 653 East One Hundred and Fifty-third street.....	May 1, 1891	
9858	Buckout street, three hundred feet west Anthony avenue.....	Feb. 1, "	
9890	No. 550 Broome street.....	July 21, 1890	
10162	No. 422 East One Hundred and Forty-ninth street.....	Nov. 15, "	For balance of order.
10164	No. 426 East One Hundred and Forty-ninth street.....	" 15, "	
10255	No. 656 East One Hundred and Fifty-second street.....	May 1, 1891	
10260	No. 2293 Second avenue.....	Aug. 1, 1890	
10312	No. 724 East One Hundred and Forty-ninth street.....	Oct. 1, "	For balance of order.
10410	No. 80 Perry street.....	July 10, "	
10430	No. 531 Tremont avenue.....	" 25, "	
10435	No. 505 Tremont avenue.....	Sept. 1, "	
10437	No. 583 Tremont avenue.....	" 1, "	{ Provided the privy-vault be disinfected, emptied and cleaned and made secure so as not to leak.
10496	South side One Hundred and Fifty-eighth street, two houses west of Tenth avenue..	May 1, 1891	
10501	No. 571 East One Hundred and Fifty-fourth street.....	Oct. 15, 1890	
10502	No. 573 East One Hundred and Fifty-fourth street.....	May 1, 1891	
10561	No. 614 East One Hundred and Fifty-fourth street.....	Nov. 15, 1890	{ Provided the privy-vault be disinfected, emptied and cleaned at once.
10565	No. 645 East One Hundred and Fifty-fourth street.....	May 1, 1891	

Applications for Relief from Orders Demed.

No. of Order.	ON PREMISES AT	No. of Order.	ON PREMISES AT
10196	East river, Forty-ninth to Fifty-first street.	10418	No. 192 Elizabeth street.

Communications from Other Departments.

Comptroller's Office—Weekly statement.
A communication from the Department of Street Cleaning acknowledging receipt of report on condition of West street, from Battery place to Canal street.
An eligible list for the appointment of a Meat Inspector was received from the New York Civil Service Board.
Miscellaneous Communications.
A communication from St. John's Guild, requesting that an Inspector be detailed to go with the Floating Hospital on each trip. Referred to Chief Inspector Edson.
Applications from Charles Barsotti, in respect to permit for a lodging-house at Nos. 93 and 95 Sixth avenue, and No. 56 East Thirteenth street. Referred to the Sanitary Committee.
A communication from the Midwives' Association of New York, in respect to laws governing midwifery. Referred to the Sanitary Committee.
The resignation of Anna Dehm, Sweeper, to date from June 30, was received and accepted.
A communication from Nelson Zabriskie, requesting an adjournment in the matter of the application of William Ryan for a permit to keep a lodging-house at No. 208 Eighth avenue, was received; and, on motion, the application was granted.

Resolutions.

Resolved, That the Register of Records be and is hereby directed to record the following delayed birth certificates:

NAMES.	RETURN.	DATE.
1. Phillip Stuart.....	Born.....	Nov. 12, 1889
2. Minnie Freudenmacher.....	".....	Dec. 12, "
3. Ernst W. Hubbard.....	".....	" 23, "
4. Henry J. Mainardy.....	".....	Jan. 10, 1890
5. Theodore Schmidt.....	".....	" 15, "
6. William F. Roos.....	".....	Feb. 7, "
7. Joseph Kirk.....	".....	" 20, "
8. William Dolan.....	".....	Mar. 9, "
9. Louis Kory.....	".....	" 14, "
10. Anna Brandt.....	".....	" 19, "
11. William Frank Fiske.....	".....	" 19, "
12. Isabella Ryan.....	".....	" 20, "
13. Annie E. Waters.....	".....	" 20, "
14. Donald Williams.....	".....	" 22, "
15. Julia McLaughlin.....	".....	" 22, "
16. Ethel H. Wallace.....	".....	Apr. 6, "
17. Marion Klein.....	".....	" 8, "
18. Russel W. Titus.....	".....	" 9, "
19. Sophie Schafer.....	".....	" 17, "
20. George F. W. Rohrs.....	".....	" 20, "
21. Henry M. Markert.....	".....	" 21, "
22. Irving Guickenheimer.....	".....	" 23, "
23. Ernest Neville.....	".....	Sept. 29, 1889
24. Marjory Muirhead.....	".....	Jan. 1, 1890
25. James O'Neill, Jr.....	".....	" 19, "
26. Esther De F. Yarroll.....	".....	" 31, "
27. Gertrude A. Decker.....	".....	Feb. 6, "
28. John H. Leonard, Jr.....	".....	" 11, "
29. Anna S. Foster.....	".....	" 20, "
30. Edwin H. Samson.....	".....	" 21, "
31. Frederic W. Washington.....	".....	Mar. 4, "
32. Mary Carmody.....	".....	" 7, "
33. Female child of R. L. and G. C. Sweezy.....	".....	" 8, "
34. William Boyle.....	".....	" 11, "
35. Annie S. Wilson.....	".....	" 21, "
36. Ella V. Edgerton.....	".....	" 24, "

Resolutions.

Resolved, That permission is hereby given to file supplemental papers relating to

NAME.	RETURN.	DATE.
Frank W. Isenbarth.....	Married.....	May 14, 1889

Resolved, That permit No. 4294, to kill fowls on the south side of One Hundred and Twenty-eighth street, near Harlem river, be and is hereby revoked.
Resolved, That a permit to dig a well, as proposed, at Monastery, located on Lafayette road near Barretto street, Hunt's Point, be granted, provided that water-tight cesspools to receive the surface drainage be constructed, the drainage to be carried outside the cloister, and the well water not to be used for drinking or culinary purposes.
Resolved, That John Conroy be and is hereby employed as a Foreman on the Disinfecting Corps, with salary at the rate of \$75 per month from July 1.
Resolved, That a copy of the report of Sanitary Inspector M. Morris, in respect to the dredging of piers at the foot of East Eleventh street, be forwarded to Engineer-in-Chief Greene, of the Dock Department.
Resolved, That James F. McDermott be and is hereby provisionally employed as an Inspector of Meat in this Department, pursuant to the Rules and Regulations of the Civil Service Boards, with salary at the rate of \$1,000 per annum.
Resolved, That F. Armstrong King be and is hereby provisionally employed as a Temporary Inspector on the Summer Corps, in this Department, for which the compensation shall be \$100 per month, to date from July 9, vice Snow, declined.
Resolved, That Thomas Dorian be and is hereby employed as Foreman on the Disinfecting Corps, with salary at the rate of \$75 per month.
Resolved, That Johanna Dehm be and is hereby appointed Sweeper in this Department, with salary at the rate of \$225 per annum, from July 1, vice Anna Dehm, resigned.
Resolved, That the Chief Clerk be and is hereby directed to perform, during the absence of the Secretary, the duties of said Secretary, in the certifications to bills, vouchers and pay-rolls, in accordance with the New York Consolidation Act of 1882, chapter 410, section 584.
On motion, the following resolution was unanimously adopted:
Resolved, That, in the opinion of this Board, the heat from the steam-mains that are laid in close proximity to the gas-mains, to the Croton water-mains and to the sewers and vaults in the streets of the portion of the city thus far examined, creates new and dangerous emergencies, and greatly increases the risk to the public health from the streets and street-openings, sewers and vaults in this part of the city; that the extreme heat coming from these mains is a menace to public health, and its effect on the basements of many buildings situated along the line of these steam-mains is productive of conditions dangerous and detrimental to life and health;
On motion, the following preamble and resolution were unanimously adopted:
Whereas, The steam distributing mains of the New York Steam Company laid under the roadway in Broadway, in the City of New York, between No. 165 Broadway and No. 184 Broadway, are in a condition and in effect a public nuisance, and dangerous to life and health.
Resolved, That the reports of the Sanitary Superintendent, W. A. Ewing, and the Chief Inspectors Cyrus Edson and Edward W. Martin, embodying the reports of the Medical Sanitary Inspectors Charles F. Roberts, Alvah H. Doty and Alonzo Blauvelt, upon steam mains, sewers, vaults, water mains and gas mains, and the results of certain inspections made by them in the lower part of the city, be filed among the records of the Department, and in connection with a communication received from the Honorable the Mayor of the City, inclosing copies of reports made to the Commissioner of Public Works, and in connection with other papers relating to the said inspections, this Board regards the evidence sufficient to authorize its declaration hereby made, that the said steam mains of the New York Steam Company in Broadway are a public nuisance; and that this Board hereupon enters upon its records the said steam mains in Broadway, between No. 165 Broadway and No. 184 Broadway, as a nuisance, and hereby orders that steam be shut off from the said steam mains, and that the said steam mains in Broadway, between No. 165 Broadway and No. 184 Broadway, be not used.
And directs this order be served as said law requires, and that in case this order is not executed by the proper persons, the same be executed by the Sanitary Superintendent; and that its execution be not commenced by the said Sanitary Superintendent until the further order of this Board, of which further order no notice will be given to the parties interested.
On motion, the following preamble and resolution were unanimously adopted:
Whereas, The steam distributing main of the New York Steam Company under the roadway in Broadway in front of the Herald building, in the City of New York, are in a condition and in effect a public nuisance, and dangerous to life and health.
Resolved, That the reports of the Sanitary Superintendent, W. A. Ewing, and of Chief Inspectors Cyrus Edson and Edward W. Martin, embodying the reports of the Medical Sanitary Inspectors Charles F. Roberts, Alvah H. Doty and Alonzo Blauvelt, upon steam-mains, sewers, vaults, water-mains and gas-mains, and the results of certain inspections made by them in the lower part of this city, be filed among the records of the Department, and in connection with a communication received from the Honorable the Mayor of the City, inclosing copies of reports made to the Commissioner of Public Works, and in connection with other papers relating to the said inspection, this Board regards the evidence sufficient to authorize its declaration hereby made, that the said steam-mains of the New York Steam Company in Broadway, are a public nuisance; and this Board hereupon enters upon its records the said steam-main in front of the Herald building as a nuisance, and hereby orders that steam be shut off from the said steam-mains, and that the said steam-mains in Broadway in front of the Herald building be not used; and directs this order be served as said law requires, and that in case this order is not executed by the proper persons, the same be executed by the Sanitary Superintendent; and that its execution be not commenced by the said Sanitary Superintendent until the further order of this Board, of which further order no notice will be given to the parties interested.
On motion, the following preamble and resolution were unanimously adopted:
Whereas, The steam distributing mains of the New York Steam Company laid under the roadway in Wall street, in the City of New York, between No. 11 Wall street and No. 71 Wall street, are in a condition and in effect a public nuisance and dangerous to life and health.
Resolved, That the reports of the Sanitary Superintendent, W. A. Ewing, and of Chief Inspectors Cyrus Edson and Edward W. Martin, embodying the reports of the Medical Sanitary Inspectors Roberts, Doty and Blauvelt, upon steam-mains, sewers, vaults, water-pipes and gas-pipes, and the results of certain inspections made by them in the lower part of this city, be filed among the records of the Department, and in connection with a communication received from the Honorable the Mayor of the City inclosing copies of reports made to the Commissioner of Public Works, and in connection with other papers relating to the said inspections, this Board regards the evidence sufficient to authorize its declaration hereby made, that the said steam-mains of the New York Steam Company in Wall street are a public nuisance; and this Board hereupon enters upon its records the said steam-mains in Wall street, between No. 11 Wall street and No. 71 Wall street, as a nuisance, and hereby orders that steam be shut off from the said steam-mains, and that the said steam-mains in Wall street, between No. 11 Wall street and No. 71 Wall street, be not used; and directs this order be served as said law requires, and that in case this order is not executed by the proper persons, the same be executed by the Sanitary Superintendent; and that its execution be not commenced by the Sanitary Superintendent until the further order of this Board, of which further order no notice will be given to the parties interested.
On motion, the following preamble and resolution were unanimously adopted:
Whereas, The steam distributing mains of the New York Steam Company laid under the roadway in Broadway, in the City of New York, between No. 233 Broadway and No. 259 Broadway, are in a condition and in effect a public nuisance, and dangerous to life and health.
Resolved, That the reports of the Sanitary Superintendent, W. A. Ewing, and of the Chief Inspectors Cyrus Edson and Edward W. Martin, embodying the reports of the Medical Sanitary Inspectors Charles F. Roberts, Alvah H. Doty and Alonzo Blauvelt, upon steam-mains, sewers, vaults, water-mains and gas-mains, and the results of certain inspections made by them in the lower part of the city, be filed among the records of the Department, and in connection with a communication received from the Honorable the Mayor of the City, inclosing copies of reports made to the Commissioner of Public Works, and in connection with other papers relating to the said inspections, this Board regards the evidence sufficient to authorize its declaration hereby made, that the said steam-mains of the New York Steam Company in Broadway are a public nuisance; and that this Board hereupon enters upon its records the said steam-mains in Broadway, between No. 233 Broadway and No. 259 Broadway, as a nuisance, and hereby orders that steam be shut off from the said steam-mains, and that the said steam-mains in Broadway, between No. 233 Broadway and No. 259 Broadway, be not used.
And directs that this order be served as said law requires, and that in case this order is not executed by the proper persons, the same be executed by the Sanitary Superintendent; and that its execution be not commenced by the said Sanitary Superintendent until the further order of this Board, of which further order no notice will be given to the parties interested.
Resolved, That copies of the reports of Sanitary Superintendent Ewing, and of Chief Inspectors Cyrus Edson and Edward W. Martin, embodying the reports of Medical Sanitary Inspector Charles F. Roberts, Alvah H. Doty and Alonzo Blauvelt, upon steam-mains, sewers, vaults, water-mains and gas-mains, and the results of certain inspections made by them in the lower part of the city, be forwarded to his Honor the Mayor.

Resolved, That the following-named officers of this Department be and are hereby authorized and directed to grant transit permits, at their respective residences, to applicants therefor, after 6 o'clock P. M. and before 7 o'clock A. M. on week days, and after 5 o'clock P. M. and before 8 o'clock A. M. on Sundays and legal holidays, until October 1, 1890:

Dr. W. A. Ewing, Sanitary Superintendent, No. 205 West Fifty-sixth street.
Dr. E. H. Janes, Assistant Sanitary Superintendent, No. 57 West Ninety-fifth street.
Dr. R. S. Tracy, Register, No. 74 West Forty-sixth street.
Dr. John F. Nagle, Deputy Register, No. 47 East Twenty-first street.
Dr. Charles Mersereau, Sanitary Inspector, One Hundred and Sixty-fifth street and Boston avenue.

On motion of Commissioner Bryant, section 100 of the Sanitary Code, as amended, was taken from the table and adopted.

Resolved, That, under the power conferred by law upon the Health Department, the following additional amendment 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:

Resolved, That section 100 of the Sanitary Code be and is hereby amended, so as to read as follows:

Section 100. That every owner, lessee, tenant and occupant of any stall, stable, or apartment in which any horse, cattle or swine or any other animal shall be kept, or of any place in which the manure or any liquid discharge of such animals shall collect or accumulate, within the built-up portions of said city, shall cause said liquid and manure to be at once removed to some proper place, and shall, at all times, keep or cause to be kept such stable, stables and apartments, and the drainage, yard, and appurtenance thereof in a clean and wholesome condition, so that no offensive smell detrimental to health shall be allowed to escape therefrom. Whenever there shall be a cart-load of unbaled manure on any premises, it shall be immediately removed as herein directed, the carts or wagons being loaded within the premises, and not upon the street or sidewalk. It shall not be lawful to remove manure from any stable or premises or to cart the same within the city limits without a permit from the Board of Health, unless the manure be baled and pressed in a manner satisfactory to the Board of Health, or be in tightly covered carts or wagons of a construction approved by the Board of Health, and be removed in a manner not in any way offensive or to cause any nuisance. Every such manure cart or wagon must have a permit in writing from the Board of Health, and be used in accordance with the conditions of such permit, and not otherwise. All manure, when transported through the streets, must be covered and secured, so as to prevent offensive odors escaping, and drippings upon the streets, or be baled or inclosed in tightly-covered barrels or receptacles approved by the Board of Health. The bales, barrels or other receptacles above mentioned shall not be opened or the carts and wagons unloaded within the city limits, except upon the conditions of a permit in writing from the Board of Health, and at such docks or places remote from dwellings as shall be approved of by the Board of Health, and to which a permit in writing for such use shall have been previously granted by the Board of Health. When baled manure shall be removed every ten days, or sooner if required by the Board of Health. No manure shall be allowed to be thrown upon or to fall or remain in any street, sidewalk or ground near such stable. No manure-vault under the sidewalk shall be built or used. No manure-vault or receptacle outside of a stable shall be built or used on any premises, except pursuant to the terms of a permit granted therefor by the Health Department.

Ayes—The President, Commissioners Bryant, Smith, and MacLean.
Resolved, That the Chief Clerk be and is hereby directed to publish in the CITY RECORD once a week for two weeks, section 100 of the Sanitary Code, as amended, in accordance with section 575, chapter 410, New York Consolidation Act, 1882.

Resolved, That leave of absence be and is hereby granted as follows:

NAME.	FROM	TO	REMARKS.
Inspector Roberts.....	July 14	July 19	

The following Communications were Received from the Acting Chief Inspector of Plumbing and Ventilation:

Weekly report of work performed by the Division of Plumbing and Ventilation.
Weekly report on light and ventilation of tenement-houses, plumbing and drainage plans of new buildings.

Report of Acting Chief Inspector Titus in respect to proposed alteration at No. 497 Seventh avenue. Referred to the Attorney.

Resolved, That the recommendations of the Acting Chief Inspector of Plumbing and Ventilation be and the same are hereby approved.

Action of the Board on Plans for Light and Ventilation of the following Tenement-houses:

Resolved, That the following plans for light and ventilation be and are hereby approved, upon the conditions described in the permits issued in each case, and the said plans and specifications are hereby modified in accordance therewith:

- Plan No.
7981-2. For two tenements, south side of Ninety-ninth street, one hundred and fifty feet west of Eighth avenue, as amended.
8019-2. For one tenement, No. 136 Madison street, as amended.
8021. For one tenement, No. 131 East Nineteenth street, as amended.
8023. For three tenements, east side of Eighth avenue, two hundred and forty-seven feet south of One Hundred and Twelfth street, as amended.
8031-2. For one tenement, southeast corner of One Hundred and Seventh street and Madison avenue.
8031-2. For seven tenements, three on east side of Madison avenue, twenty-five feet eleven inches south of One Hundred and Seventh street; four on south side of One Hundred and Seventh street, one hundred feet of Madison avenue.
8032. For one tenement No. 410 West Forty-eighth street, as amended.
8036. For one tenement, southwest corner of Tenth avenue and Ninety-ninth street, as amended.
8037. For one tenement, No. 165 Henry street, as amended.
8038. For one tenement, southeast corner of Pike and Henry streets, as amended.
8040. For four tenements, southwest corner of One Hundred and Twenty-fourth street and Manhattan street, as amended.
8042. For one tenement, No. 408 West Thirty-ninth street.
8043. For two tenements, south side of One Hundred and Twenty-eighth street, one hundred and sixty feet east of Park avenue, conditionally.
8045. For one tenement, No. 237 East One Hundred and Third street, conditionally.
8046. For three tenements, north side of One Hundred and Nineteenth street, one hundred and twenty-five feet west of Eighth avenue.
8047. For one tenement, north side of Ninety-eighth street, two hundred and twenty-five feet east of Columbus avenue.
8048. For one tenement, north side of Ninety-eighth street, one hundred feet east of Columbus avenue.
8052. For one tenement, No. 215 Madison street, as amended.
8053. For one tenement, south side of Monroe street, three hundred and sixteen feet west of Jackson street, as amended.
8054. For one tenement, north side of Seventy-second street and Avenue A.
8055. For one tenement, east side of Avenue A, twenty-five feet two inches north of Seventy-second street.

Disapproved.

Resolved, That the following plans for light and ventilation be and are hereby disapproved:

- Plan No.
7794-2. For two tenements, No. 14 German Place.
8022. For one tenement, No. 55 One Hundred and Forty-second street, between Hamilton Place and Amsterdam avenue.

Tabled for Amendment.

Resolved, That the following plans for light and ventilation be and are hereby tabled for amendment:

- Plan No.
8033. For two tenements, No. 226 and 228 West Twenty-fifth street.
8039. For two tenements, No. 17 and 19 Greenwich avenue.
8041. For one extension, northwest corner of Third avenue and Ninety-ninth street.
8044. For four tenements, No. 55 Ninetieth street, two hundred feet east of Second avenue.
8049. For two tenements, Nos. 731 and 735 East Fifth street.
8051. For five tenements, northwest corner of Broome and Tompkins streets.

Amendments to Light and Ventilation Plans.

Resolved, That the following amendments to light and ventilation plans be and are hereby approved:

- Plan No.
6504. For two tenements, south side of Ninety-ninth street, one hundred feet east of Ninth avenue.
7302. For one tenement, No. 66 Willett street, conditionally.

Plan No.

7392. For one tenement, north side of One Hundredth street, seventy-five feet east of Tenth avenue.
7436. For one tenement, southwest corner of Third avenue and Seventy-sixth street.
7574. For one tenement, north side of Seventy-sixth street, one hundred and seventy-one feet four inches east of Second avenue.
7588. For one tenement, No. 214 West Fiftieth street.
7625. For one tenement, No. 351 West Thirty-sixth street.
7715. For one extension, No. 236 East Fifty-third street.
7728. For one tenement, Fifty-third street, one hundred and fifty feet west of Ninth avenue.

Amendments to Light and Ventilation Plans.

Resolved, That the following amendment to light and ventilation plan be and is hereby disapproved.

Plan No.

7700. For one tenement, Nos. 203 and 205 Madison street.

Action of the Board on Plans for Plumbing and Drainage of the following Houses:

Resolved, That plans for plumbing and drainage of the following houses be and are hereby approved upon the conditions contained in the statement of the action of the Board attached to the specifications submitted with the plans, and the said plans and specifications are hereby modified in accordance therewith:

Plan No.

11013. For one tenement, north side One Hundred and Forty-fifth street, three hundred and twenty-five feet east of Willis avenue, as amended.
11332. For one school, Nos. 15 and 17 West Forty-fourth street, as amended.
11420. For one factory, south side Thirty-eighth street, seventy-five feet west of Tenth avenue, rear, as amended.
11561. For three dwellings, east side Monroe avenue, one hundred and twenty-five feet west of Columbia street, as amended.
11565. For one dwelling, east side of Mott avenue, sixty-eight feet north of One Hundred and Fiftieth street, as amended.
11575. For one office building, southeast corner Broadway and Fortieth street, as amended.
11579. For one dwelling, west side of Edenwood avenue, about two hundred feet south of Kingsbridge road, as amended.
11587. For one dwelling, west side of Washington avenue, one hundred and five feet north of One Hundred and Seventy-second street, conditionally.
11594. For one tenement, north side Twenty-fifth street, three hundred and seventy-five feet west of Sixth avenue, as amended.
11606. For store and lofts, No. 206 Spring street, as amended.
11608. For one engine-house, northeast corner of Eleventh avenue and Thirty-first street, as amended.
11610. For one dwelling, north side of One Hundred and Seventy-fifth street, fifty-three feet east of Waterloo Place, as amended.
11611. For one dwelling, southeast corner Marion avenue and William street, as amended.
11612. For one tenement, northwest corner of Madison avenue and One Hundred and Sixth street, as amended.
11613. For two tenements, west side Fifth avenue, fifty-one feet south of One Hundred and Sixteenth street, as amended.
11614. For one tenement, southwest corner of Rivington and Willett street, as amended.
11615. For six tenements, south side of One Hundred and Nineteenth street, four hundred and sixty feet east of Lenox avenue.
11616. For three tenements, west side of Madison avenue, twenty-five feet eleven inches north of One Hundred and Sixth street, as amended.
11617. For two tenements, south side of Eighty-first street, two hundred and fifty-six feet six inches west of Avenue A.
11618. For two dwellings, south side Fifty-eighth street, one hundred feet west of Sixth avenue, as amended.
11619. For one tenement, No. 27 Jefferson street, as amended.
11620. For two tenements, Nos. 231 and 233 Madison street, conditionally.
11621. For two tenements, south side of Ninety-ninth street, two hundred and twenty-five feet west of Eighth avenue, as amended.
11622. For two tenements, southwest corner of Avenue A and Seventy-sixth street, as amended.
11623. For two tenements on Seventy-ninth street, south side, one hundred and fifty feet east of Amsterdam avenue, as amended.
11627. For four dwellings, north side Ninety-second street, three hundred and fifty feet east of Tenth avenue, as amended.
11628. For three tenements, Nos. 219 and 223 East Thirty-second street, as amended.
11629. For one tenement, No. 10 Cannon street.
11630. For one tenement, Nos. 47 and 49 Morton street, as amended.
11631. For one office building, junction Beaver and William streets, as amended.
11632. For eight dwellings, north side of One Hundred and Thirteenth street, three hundred and seventy-five feet west of Fifth avenue, as amended.
11634. For three tenements, No. 410 West Forty-eighth street, conditionally.
11635. For two tenements, Nos. 226 and 228 West Twenty-fifth street.
11636. For three dwellings, north side of One Hundred and Third street, eighty feet east of West-end avenue, as amended.
11638. For six tenements, south side of One Hundred and Seventeenth street, seventy-five feet east of Manhattan avenue, as amended.
11637. For one dwelling, north side of Third avenue, one hundred and twenty-five feet west of First street, Woodlawn, conditionally.
11645. For drainage, north side Madison avenue, seventy-six feet north of One Hundred and Sixth street.
11646. For two tenements, southwest corner of Fifth avenue and One Hundred and Sixth street, as amended.
11647. For four tenements, northeast corner of Tenth avenue and Seventy-eighth street, as amended.
11651. For one tenement, southwest corner of Tenth avenue and Ninety-ninth street, as amended.
11648. Store and lofts, Nos. 48 to 56 West Thirtieth street, as amended.
11652. For one railroad station, Eighth avenue, one hundred and ninety feet north of One Hundred and Fifty-ninth street and seventy feet west of Eighth avenue.
11653. For one dwelling, west side of Monroe avenue, four hundred feet north of Columbus avenue, conditionally.
11657. For one tenement, south side of Seventeenth street, one hundred and twenty-five feet west of Irving Place, as amended.
11658. For one tenement, No. 336 West Fifteenth street, conditionally.
11660. For one office building, northwest corner of Broadway and Morris street, as amended.
11661. For three buildings, north side of Washington avenue, thirty-five feet south of One Hundred and Eightieth street.
11662. For two tenements, Nos. 39 and 41 Henry street, as amended.
11663. For one dwelling, northeast corner of Greenwich and Watts street.
11664. For one stable, No. 421 East Fifty-third street.
11666. For one tenement, southwest corner of Eighth avenue and Twenty-ninth street.

Tabled for Amendment.

Resolved, That the following plans for plumbing and drainage be and are hereby tabled for amendment:

Plan No.

11626. For two dwellings, southwest corner of Sherwood street and Bainbridge avenue.
11633. For two tenements, north side of One Hundred and Sixteenth street, two hundred feet west of Eighth avenue.
11642. For one tenement, Central Park, West, northwest corner of Eighty-seventh street.
11643. For one tenement, north side of Eighty-seventh street, one hundred feet west of Central Park, West.
11649. For one dwelling, west side of Seventh avenue, twenty-five feet seven and three-quarter inches south of One Hundred and Eleventh street.
11650. For three tenements, twenty-five feet south of One Hundred and Thirty-fourth street, on west side of Lenox avenue.

Disapproved.

Resolved, That the following plans for plumbing and drainage be and are hereby disapproved:

Plan No.

11639. For one dwelling, Buchanan street, corner of Grand avenue, Fordham Heights.
11654. For one dwelling, west side of Briggs avenue, one hundred and seventy-five feet south of Southern Boulevard, Bedford Park.
11655. For one store and lofts, Thirteenth street, northeast corner of Hudson street.

Amendments to Plumbing and Drainage Plans.

Resolved, That the following amendments to plumbing and drainage plans be and are hereby approved:

Plan No.

7456. For one tenement, southwest corner of Madison avenue and One Hundred and Fourteenth street.
9807. For one dwelling, south side of Eighty-fourth street, one hundred and forty feet west of Eighth avenue.
10275. For one stable, Nos. 156 and 158 East One Hundred and Fifth street.
10549. For one dwelling, west side of Prospect avenue, one hundred and five feet north of One Hundred and Sixty-fifth street.
10905. For one dwelling, south side of Southern Boulevard, two hundred and fifty feet east of Willis avenue.
10905. For one dwelling, south side of Southern Boulevard, two hundred and fifty feet east of Willis avenue, conditionally.
11097. For one dwelling, Rye avenue, west side, two hundred and twenty-five feet south of One Hundred and Eighty-third street.
11135. For museum, Seventy-seventh street, between Eighth and Ninth avenue.
11145. For one factory, north side of Fifty-ninth street, three hundred feet west of Tenth avenue.
11176. For two tenements, Nos. 146 and 148 West One Hundred and Fifth street.
11210. For three dwellings, north side of One Hundred and Forty-ninth street, two hundred and seven feet east of Bergen avenue.
11278. For one tenement, No. 421 West Thirty-eighth street.
11333. For seven dwellings, Nos. 145 to 157 West Sixty-fourth street.
11339. For one shop, west side of Twelfth avenue, forty feet north of One Hundred and Thirty-third street.
11491. For one dwelling, One Hundred and Twenty-first street, west of Lenox avenue.
11539. For one factory and stable, south side of Forty-first street, two hundred feet west of Tenth avenue.
11560. For eight tenements, Teller avenue and One Hundred and Sixty-fourth street.

Amendment to Plumbing and Drainage Plan.

Resolved, That the following amendment to plumbing and drainage plan be and is hereby disapproved:

Plan No.

10815. For one shop, No. 82 Forsyth street, rear.

Violations to the Attorney.

Resolved, That the following violations of law in respect to light and ventilation of tenement-houses be and are hereby referred to the Attorney:

Nos. 2020, 2021, 1942, 2044, 2043, 2046, 2047, 2036, 2026, 2028, 2013, 2014.

Violations to the Attorney.

Resolved, That the following violations of law in respect to plumbing and drainage of new houses be and are hereby referred to the Attorney:

Nos. 3483, 3509, 3505, 3652, 3514, 3477, 3435, 3427, 3327.

Sanitary Bureau.

The following is a record of the work performed in the Sanitary Bureau for the week ending July 5, 1890:

There were 5,850 inspections made by the Sanitary Inspectors and the Sanitary Police.
There were 321 complaints returned by the Sanitary Inspectors and the Sanitary Police.
There were 340 complaints received from citizens, and referred to the Sanitary Inspectors and Sanitary Police for investigation and report.
There were issued to the consignees of vessels, to discharge cargoes, on vouchers from the Health Officer of the Port, 76 permits.
There were issued to consignees, to discharge rags (in bulk, under bonds), 3 permits.
There were issued to scavengers to empty, clean, and disinfect privy-sinks, 27 permits.

Report of Vital Statistics for the Week ending July 5, 1890.

WEEK ENDING SATURDAY, 12 M.	Certificates Received and Tabulated.	Increase over Previous Week.	Decrease from Previous Week.	Annual Rate per 1,000 Popula- tion Estimated at 1,013,848.	Burial Permits Issued.	Transit Permits Issued.	Coroners' Cases.	Searches Made.	Transcripts Issued.	Entered in Registers.	Indexed.
Marriages	173	....	168	5.53	....	....	....	19	11	....	173
Births	565	....	285	18.07	....	....	....	7	3	....	565
Deaths	1,010	135	....	32.29	1,010	17	74	88	80	....	1,010
Still-births.....	67	11	....	2.14	67	....	4	....	....	....	67

The 1,010 deaths represent a death-rate of 32.29, against 28.22 for the previous week, and 31.62 for the corresponding week of 1889.

The increase of 135 deaths was mainly due to the increase of 152 in the deaths from diarrhoeal diseases, although there was also an increase of 20 in deaths from diseases from the nervous system and of 9 from Bright's disease and nephritis. There was a decrease of 10 in the deaths from diphtheria, of 8 from cancer, of 8 from heart diseases, and of 16 from pneumonia.

The number of deaths from diarrhoeal diseases was greatest in the Twelfth, Seventeenth, Nineteenth, Twentieth and Twenty-second Wards.

Analysis of Croton Water for Monday, July 7, 1890. Results Expressed in Parts by U. S. Gallon of 231 Cubic Inches.

Appearance.....	Slightly turbid.
Color	Yellow brown.
Odor (heated to 100° Fahr.).....	Slightly marshy.
Chlorine in Chlorides.....	0.0996.
Equivalent to Sodium Chloride.....	0.1643.
Phosphates	None.
Nitrites	None.
Nitrogen in Nitrates and Nitrites.....	0.0349.
Free Ammonia.....	0.0003.
Albuminoid Ammonia.....	0.0089.
Hardness equivalent to Carbonate of Lime	{ Before boiling.....2.723.
	{ After boiling.....2.688.
Organic and volatile (loss on ignition).....	1.516.
Mineral matter (non-volatile).....	3.149.
Total solids (by evaporation).....	4.665.

Analysis of Croton Water for Monday, July 7, 1890. Results Expressed in Parts per Weight in One Hundred Thousand.

Appearance.....	Slightly turbid.
Color	Yellow brown.
Odor (heated to 100° Fahr.).....	Slightly marshy.
Chlorine in Chlorides.....	0.1715.
Equivalent to Sodium Chloride.....	0.2728.
Phosphates	None.
Nitrites	None.
Nitrogen in Nitrates and Nitrites.....	0.0576.
Free Ammonia.....	0.0005.
Albuminoid Ammonia.....	0.0155.
Hardness equivalent to Carbonate of Lime	{ Before boiling.....4.67.
	{ After boiling.....4.61.
Organic and volatile (loss on ignition).....	2.60.
Mineral matter (non-volatile).....	5.40.
Total solids (by evaporation).....	8.00.

By order of the Board.

C. GOLDERMAN, Chief Clerk.

LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Counsel to the Corporation for the week ending July 12, 1890.

The Mayor, Aldermen and Commonalty of the City of New York are defendants, unless otherwise mentioned.

SCHEDULE "A."

SUITS AND SPECIAL PROCEEDINGS INSTITUTED.

COURT.	REGIS- TER FOLIO.	WHEN COMMENCED.	TITLE OF ACTION.	NATURE OF ACTION.
Supreme ..	40 167	July 7, 1890	Jones, Catharine L. O'Connor	Summons only served.
Surrogate's	40 168	" 8, "	Maher, Thomas F. (Matter of)	For probate of the will of Catharine Maher, deceased.
U.S. Circuit	40 169	" 8, "	Crissey, John W. vs. Tax	Summons only served.
"	40 170	" 8, "	Commissioners et al....	do
"	40 171	" 8, "	Cherney, Benjamin P. vs. Tax	do
"	40 171	" 8, "	Commissioners et al....	do
Supreme...	40 172	" 8, "	Byers, Alexander M. vs. Tax	To recover amount of forfeited recognizance, \$1,500.
U. S. Dist..	40 173	" 8, "	Commissioners et al....	Damages to steam tug "Coe F. Young," from passing through draw of the Harlem Bridge.
Supreme...	40 174	" 9, "	Cornell Steamboat Com- pany (The).....	To foreclose lien under contract of O'Brien & Clark for construction of Section 11A of the New Aqueduct.
"	40 175	" 9, "	Van Cortlandt, Augustus..	To foreclose lien under contract of O'Brien & Clark for construction of Section 11A of the New Aqueduct.
Superior...	40 176	" 9, "	Rogers, James.....	To compel respondent to accept \$5.29 with interest in payment of tax on Lot 23, Block 373, Nineteenth Ward.
"	40 177	" 9, "	Richardson, Emma J. (ex rel.) vs. Clerk of Ar- rars.....	To recover amount retained from moneys due John Brady, under contract for regulating, etc., Ninety-fifth street, \$341.50.
Supreme....	40 178	" 9, "	Brady, Bernard.....	To recover possession of land under water between Piers, old 39 and 40, North river and damages for detention, \$100,000.
"	40 179	" 9, "	Associates of the Jersey Company and The Pennsylvania Railroad Co. vs. The Mayor, etc., of New York.....	To recover possession of land under water between Piers, old 16 and 18, North river, and damages for detention, \$100,000.
Com. Pleas.	40 180	" 10, "	Associates of the Jersey Company and the Pennsylvania Railroad Company vs. The Mayor, etc., of New York.....	To compel respondent to reinstate relator to his position of Deputy Commissioner of Street Cleaning.
Supreme...	40 181	" 11, "	Rogers, A. H. (ex rel.) vs. Commissioner of Street Cleaning.....	To compel Commissioner of Public Works to remove an obstruction on Broadway.
"	40 182	" 11, "	McNabb, Frank P. (ex rel.) vs. Commissioner of Public Works.....	To recover excess of assessment paid for First avenue regulating, etc. \$208.04.
"	40 183	" 11, "	Ruppert, Anna.....	To recover excess of assessment for First avenue regulating, etc. \$277.09.
"	(11) 117	" 11, "	Schreck, Elizabeth.....	To vacate assessment for Eighth avenue paving, One Hundred and Forty-fifth to One Hundred and Fifty-ninth street.
"	(11) 134	" 11, "	In re Truman H. Baldwin...	To vacate assessment for Ninety-fifth street regulating, etc., Tenth avenue to Riverside Drive.
"	(11) 134	" 11, "	In re James Holloway et al.	To vacate assessment for Ninety-fifth street regulating, etc., Tenth avenue to Riverside Drive.
"	40 184	" 12, "	In re N. V. Webb et al.	To recover possession of land under water at foot of West Thirty-ninth street, and damages for detention. \$30,000.
"	40 185	" 12, "	New York Central and Hudson River Railroad, The West Shore and Ontario Terminal Co. and John A. Davis vs. The Mayor, etc., et al. of New York.....	To foreclose lien under contract of Heman Clark for construction of Section A 11, of New Aqueduct. \$5,248.
"	(11) 135	" 12, "	Tomkins, Galvin vs. The Mayor, etc., et al.	To vacate assessment for Ninety-fifth street regulating, etc., Tenth avenue to Riverside Drive.
"	(11) 135	" 12, "	In re B. and A. Fellman et al.....	

SCHEDULE "B."

JUDGMENTS AND ORDERS ENTERED.

Robert Brown—Order entered discontinuing action without costs.
Robert J. Cromie—Order entered discontinuing action without costs.
Thomas Daly—Order entered discontinuing action without costs.
Alexander Lyle et al., regulating Morningside avenue, East—Order entered reducing the assessment.
Mount Morris Electric Light Company—Order of discontinuance without costs entered.
Daniel P. Westervelt—Order of discontinuance without costs entered.
Matter of Albert V. Ryder—Order entered denying motion for writ of mandamus.
Frank Forrester—Judgment entered in favor of city dismissing complaint with \$107.35 costs, etc.
William D. Lenihan—Order of discontinuance without costs entered.
William H. Baldwin—Order of discontinuance without costs entered.
Robert Gardiner—Order of discontinuance without costs entered.
Edward Branigan—Order of discontinuance without costs entered.
In re Jasper T. Cropsey, sale, paving Forty-ninth street—Order entered dismissing petition without costs.
New York News Publishing Co.—Judgment entered in favor of plaintiff for \$11,999.87, on the Referee's report.
John P. Somerindyke—Order entered dismissing complaint with costs for lack of prosecution.
In re Benjamin Wilson, regulating, etc., Third avenue—Order entered dismissing petition without costs for lack of prosecution.
In re New York Life Insurance Company, paving Fifty-sixth street—Order entered dismissing petition without costs for lack of prosecution.
In re J. Watts de Peyster, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re J. B. Aitken estate, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re Jane M. Cudlipp, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re Edward T. Smith, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re William P. Earle, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re John T. McGown, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re Michael H. Cashman, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re John McL. Nash, paving Second avenue—Order entered dismissing petition without costs for lack of prosecution.
In re Stephen Nash, paving Second avenue—Order entered dismissing petition without costs for lack of prosecution.
In re Samuel F. Chalfin, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
In re George H. Bissell, Boulevard sewers—Order entered dismissing petition without costs for lack of prosecution.
People ex rel. Frederick Heiser vs. Board of Assessors—Order of remittitur entered.
In re J. B. Coughlin, regulating, etc., Morris avenue—Order amending petition and order of substitution entered.

SCHEDULE "C."

SUITS AND SPECIAL PROCEEDINGS TRIED OR ARGUED.

People ex rel. Frederick Schwab vs. Grant & Co.—Motion for mandamus argued before Andrews, J.; J. J. Delaney for the City.
Seaman Lowerre et al.—Reference proceeded and adjourned to July 17; T. P. Wickes for the City.
John R. Somerindyke—Motion to dismiss complaint for lack of prosecution made before Bookstaver, J.; granted; Thomas E. Rush for the City.

Edward Brannigan—Motion to dismiss complaint for lack of prosecution made before Bookstaver, J.; granted; Thomas E. Rush for the City.

Robert Gardiner—Motion to dismiss complaint for lack of prosecution made before Bookstaver, J.; granted; Thomas E. Rush for the City.

People vs. Manhattan Fire Insurance Company—Motion to allow certain parties to submit proof of claims to Referee argued before Andrews, J.; J. J. Townsend for the City.

In re Benjamin Wilson, F. H. B., regulating Third avenue—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re New York Life Insurance Company, J. C. S., paying Fifty-sixth street—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re J. Watts De Peyster, sewer on Boulevard, between One Hundred and Sixth and One Hundred and Fifty-third streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re J. B. Aitken estate, sewer on Boulevard, between One Hundred and Sixth and One Hundred and Fifty-third streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re Jane M. Cudlipp, sewer on Boulevard, between Sixty-first and Seventy-seventh streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re Edward F. Smith, sewer on Boulevard, between Sixty-first and Seventy-seventh streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re William P. Earle, sewer on Boulevard, between Sixty-first and Seventy-seventh streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re John T. McGown, sewer on Boulevard, between Sixty-first and Seventy-seventh streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re Michael H. Cushman, sewer on Boulevard, between One Hundred and Sixth and One Hundred and Fifty-third streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re John McL. Nash, paving Second avenue—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re Stephen P. Nash, paving Second avenue—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re Samuel F. Chalfin, executor, Boulevard sewer, between One Hundred and Sixth and One Hundred and Fifty-third streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re George H. Bissell, Boulevard sewer, between One Hundred and Sixth and One Hundred and Fifty-third streets—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

In re Jasper F. Cropsey, sale, Forty-ninth street paving—Motion to dismiss petition for lack of prosecution made before Andrews, J.; granted; G. L. Sterling for the City.

John Slattery—Reference proceeded and adjourned to July 14, 1890; J. J. Townsend for the City.

George W. Alexander—Motion to open default argued and submitted; H. B. Twombly for the City.

WILLIAM H. CLARK, Counsel to the Corporation.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,
NEW YORK, March 4, 1890.

Pursuant to section 1, subdivision 3 of chapter 10, Laws of 1888, I hereby designate the "New Yorker Zeitung" and "New York Daily News," of the daily papers printed in the City of New York as the newspapers in which the advertisements of the public notice of the time and place of auction sales in the City of New York shall be published.

HUGH J. GRANT, Mayor.

MAYOR'S OFFICE,
NEW YORK, February 1, 1889.

Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate the "Daily News" and the "New York Morning Journal," two of the daily papers printed in the City of New York, in which notice of each sale of unredemmed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

HUGH J. GRANT, Mayor.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which all the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 6 City Hall, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.
HUGH J. GRANT, Mayor. LEICESTER HOLME, Secretary and Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.
DANIEL ENGELHARD, First Marshal.
FRANK FOX, Second Marshal.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.
MAURICE F. HOLAHAN, EDWARD P. BARKER.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.
JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FTELEY, Chief Engineer; J. C. LULLEY, Auditor.

BOARD OF ARMORY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
Address M. COLEMAN, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMON COUNCIL.

Office of Clerk of Common Council.

No. 8 City Hall, 9 A. M. to 4 P. M.
JOHN H. V. ARNOLD, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.
JAMES H. FARRELL, City Librarian.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M.
THOMAS F. GILROY, Commissioner; BERNARD F. MARTIN, Deputy Commissioner.

Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOSEPH RILEY, Register.

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WM. M. DEAN, Superintendent.

Bureau of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.
HORACE LOOMIS, Engineer-in-Charge.

Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WILLIAM G. BERGEN, Superintendent.

Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WM. H. BURKE, Water Purveyor.

Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN MCCORMICK, Superintendent.

Bureau of Streets and Roads.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN B. SHEA, Superintendent.

Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.
MICHAEL F. CUMMINGS, Superintendent.

Keeper of City Hall.

MARTIN J. KEESE, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
THEODORE W. MYERS, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WILLIAM J. LYON, First Auditor.
DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
D. LOWBER SMITH, Collector of Assessments and Clerk of Arrears.
No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
JAMES DALY, Collector of the City Revenue and Superintendent of Markets.
No money received after 2 P. M.

Bureau for the Collection of Taxes.

No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.
GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.
No money received after 2 P. M.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
THOMAS C. T. CRAIN, City Chamberlain.

Office of the City Paymaster.

No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.
JOHN H. TIMMERMAN, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats Zeitung Building, third and fourth floors, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.
WILLIAM H. CLARK, 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.
CHARLES E. LYDECKER, Public Administrator.

Office of Attorney for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.
JOHN G. H. MEYERS, Attorney.
SAMUEL BARRY, Clerk.

Office of the Corporation Attorney.

No. 49 Beekman street, 9 A. M. to 4 P. M.
LOUIS STECKLER, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.
CHARLES F. MACLEAN, President; WILLIAM H. KIPP, Chief Clerk; T. F. RODENBOUGH, Chief of Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.

HENRY H. PORTER, President; GEORGE F. BRITTON, Secretary.
Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.

Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.

Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

Circuit, Part II., Room No. 14, JOHN B. MCGOLDRICK, Clerk.

Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk.

Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk, Judges' Private Chambers, Rooms Nos. 19 and 20. SAMUEL GOLDBERG, Librarian.

FIRE DEPARTMENT.

Office hours for all, except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, to 12 M.

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.
HENRY D. PURROY, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.

HUGH BONNER, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

JAMES MITCHELL, Fire Marshal.

Bureau of Inspection of Buildings.

THOMAS J. BRADY, Superintendent of Buildings.

Attorney to Department.

WM. L. FINDLEY.

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent.

Central Office open at all hours.

Repair Shops.

Nos. 128 and 130 West Third street.
JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

Ninety-ninth street, between Ninth and Tenth avenues.
JOSEPH SHEA, Foreman-in-Charge.
Open at all hours.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.

CHARLES G. WILSON, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.
ALBERT GALLUP, President; CHARLES DE F. BURNS, Secretary.

Office of Topographical Engineer.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards.

One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Battery, Pier A, North river.

EDWIN A. POST, President; AUGUSTUS T. DOCHARTY, Secretary.

Office hours, from 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.

MICHAEL COLEMAN, President; FLOYD T. SMITH, Secretary.

DEPARTMENT OF STREET CLEANING.

Stewart Building. Office hours, 9 A. M. to 4 P. M.

HANS S. BEATTIE, Commissioner; WILLIAM DALTON, Deputy Commissioner; GILBERT O. F. NICOLL, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union, 9 A. M. to 4 P. M.

JAMES THOMSON, Chairman of the Supervisory Board; LEE PHILLIPS, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT

Office of Clerk, Staats Zeitung Building, Room 5.
The MAYOR, Chairman; CHARLES V. ADEE, Clerk.

BOARD OF ASSESSORS.

Office, 27 Chambers street, 9 A. M. to 4 P. M.

EDWARD GILON, Chairman; WM. H. JASPER, Secretary.

BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.

ALEXANDER MEAKIN, President; JAMES F. BISHOP, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 6 and 7 New County Court-house, 9 A. M. to 4 P. M.

DANIEL E. SICKLES, Sheriff; JOHN B. SEXTON, Under Sheriff.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.

FRANK T. FITZGERALD, Register; JAMES A. HANLEY, Deputy Register.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

CHARLES REILLY, Commissioner; JAMES E. CONNER, Deputy Commissioner.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.

EDWARD F. REILLY, County Clerk; P. J. SCULLY, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.

JOHN R. FELLOWS, District Attorney; CHARLES J. MCGEE, Chief Clerk.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.
No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, on which days 9 A. M. to 12 M.

W. J. K. KENNY, Supervisor; DAVID RYAN, Assistant Supervisor; JOHN J. MCGRATH, Examiner.

BOARD OF EDUCATION.

SEALED PROPOSALS FOR CONVEYING Pupils, every school day, from September 8, 1890, to July 3, 1891, inclusive:

From Williamsbridge to Grammar School No. 64, and return:

From Woodlawn Heights to Primary School No. 47, and return:

And from Morris Dock to Primary School No. 45, and return:

—being separate proposal for each school—will be received by the Board of Trustees of Common Schools of the Twenty-fourth Ward, at the Board-room in Grammar School Building No. 64, at Fordham, until Tuesday, July 22, 1890, at 8 o'clock P. M.

Terms of contracts and further information may be obtained of Theodore E. Thomson, Trustee, No. 1779 Washington avenue, and John E. Eustis, Trustee, Sedgwick avenue, near Morris Dock.

The Trustees reserve the right to reject any or all proposals.

ELMER A. ALLEN, Chairman,

LOUIS EICKWORTH, Secretary,

Board of Trustees, Twenty-fourth Ward.

Dated New York, July 5, 1890.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Trustees reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

FINANCE DEPARTMENT.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
July 16, 1890.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment lists, viz:

Sewer and appurtenances in Brook avenue, from tide-water to a point in One Hundred and Sixty-fifth street.

Regulating and grading, flagging the sidewalks four feet wide, setting curb-stones and laying crosswalks in St. Ann's avenue, between the northerly curb-line of the Southern Boulevard and the southerly curb-line of Clifton street.

Fencing vacant lots on south side of One Hundred and Tenth street, between Madison and Fourth avenues.

—which were confirmed by the Board of Revision and Correction of Assessments July 8, 1890, and entered on the same date, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," 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 the assessments, interest will be collected thereon, as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 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 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 Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before September 8, 1890, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEODORE W. MYERS,

Comptroller.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
July 11, 1890.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment lists, viz:

Extension of sewer in Grove street, between West Fourth and Bleeker streets.

such assessment, to charge, collect and receive 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 Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon on or before September 2, 1890, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEODORE W. MYERS,
Comptroller.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
July 10, 1890.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment lists, viz.:

Boston road regulating and grading, between the northerly curb-line of Jefferson street and the southerly curb-line of Locust avenue.

Boston road regulating, grading, curbing, flagging, laying crosswalks and paving the gutters with trap-blocks, between the easterly curb-line of North Third avenue and north curb-line of Jefferson street; also in that part of Boston road at One Hundred and Sixty-ninth street west of former west line of Boston road.

—which were confirmed by operation of law on April 7, 1890, under section 867 of the New York City Consolidation Act of 1882, and the title thereof entered in the Record of the Titles of Assessments confirmed, kept in the office of the Bureau of Arrears, on June 23, 1890, in pursuance of section 915 of said act, 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 the assessments, interest will be collected thereon, as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 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 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 Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon on or before August 25, 1890, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEODORE W. MYERS,
Comptroller.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
July 10, 1890.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment lists, viz.:

Regulating, grading, curbing, guttering, flagging and laying crosswalks in Tremont street (formerly Westchester avenue), from Boston road to the Bronx river.

Regulating, grading, curbing and flagging in Fort George avenue, from Tenth to Eleventh avenue.

Flagging and reflagging, curbing and recurbings west side of Madison avenue, from One Hundredth to One Hundred and First street, and on the south side of One Hundred and First street, from Fifth to Madison avenue.

Rider avenue sewer and appurtenances, between One Hundred and Thirty-fifth and One Hundred and Forty-fourth streets, with a branch in One Hundred and Thirty-eighth street, between Rider and Morris avenues.

Laying crosswalks across Seventh avenue at the northerly and southerly sides of One Hundred and Fourteenth and One Hundred and Seventeenth streets, at the northerly side of One Hundred and Sixteenth street, at the northerly and southerly sides of One Hundred and Fifteenth, One Hundred and Thirteenth, One Hundred and Twelfth, One Hundred and Eighteenth and One Hundred and Thirty-third streets, and at the northerly side of One Hundred and Twenty-eighth street.

Sewer in Tenth avenue, west side, between One Hundred and Forty-sixth and One Hundred and Forty-eighth street.

Flagging, curbing and recurbings south side of Fifty-fourth street, from Eighth to Ninth avenue.

Paving Seventy-ninth street, from the easterly side of Twelfth avenue to the bulkhead-line of Hudson river, with granite-blocks, also curbing and flagging the sidewalks.

Curbing and recurbings, flagging and reflagging north side of Eighty-first street, between Eighth and Ninth avenues.

Alteration and improvement to sewer in Eighty-third street, between Eighth and Ninth avenues.

Paving Ninety-fifth street, from Lexington to Madison avenue, with granite blocks, and laying crosswalks.

Sewer in Ninety-sixth street, between Eighth avenue and summit west of Eighth avenue, with alteration and improvement to curve at Ninety-sixth street and Eighth avenue.

Sewer in One Hundred and Third street, between the Boulevard and Tenth avenue.

Paving One Hundred and Thirty-fifth street, from Willis avenue to Brown place, with trap-block pavement.

Regulating, grading, curbing and flagging One Hundred and Forty-third street, from Eighth avenue to the first new avenue west of Eighth avenue.

Laying crosswalks across One Hundred and Forty-fifth street, at the easterly and westerly sides of Eighth avenue.

Regulating, grading, curbing and flagging One Hundred and Sixty-sixth street, from Tenth to Eleventh avenue.

—which were confirmed by the Board of Revision and Correction of Assessments June 23, 1890, and entered on the same date in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," 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 the assessments, interest will be collected thereon, as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 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 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 Arrears of Taxes and Assessments and of Water Rents," between the

hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before August 25, 1890, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEO. W. MYERS,
Comptroller.

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 1853 to 1887, prepared under the direction of the Commissioners of Records.

Grantors, grantees, suits in equity, insolvents' and Sheriff's sales in 61 volumes, full bound, price \$100 00
The same in 25 volumes, half bound 50 00
Complete sets, folded, ready for binding 15 00
Records of Judgments, 25 volumes, bound 10 00
Orders should be addressed to "Mr. Stephen Angell, Room 23, Stewart Building."

THEODORE W. MYERS,
Comptroller.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR GROCERIES, CROCKERY, DRY-GOODS, ETC.

SEALED BIDS OR ESTIMATES FOR FURNISHING

GROCERIES, ETC.

8,524 pounds Dairy Butter, sample on exhibition Thursday, July 24, 1890.

1,500 pounds Cheese.

1,500 pounds Dried Apples.

2,400 pounds Barley, price to include packages.

3,600 pounds Rio Coffee, roasted.

1,200 pounds Chicory.

3,000 pounds Hominy, price to include packages.

4,000 pounds Oatmeal, price to include packages.

6,500 pounds Rice.

13,000 pounds Brown Sugar.

2,000 pounds Coffee Sugar.

1,000 pounds Cut Loaf Sugar.

2,000 pounds Granulated Sugar.

1,200 pounds Oolong Tea.

1,200 gallons Syrup, in barrels.

150 bushels Beans.

3,580 dozen Fresh Eggs, all to be candled.

12 dozen Tomato Catsup.

30 dozen Chow Chow.

12 dozen Gelatine.

6 dozen Olive Oil.

20 dozen Worcestershire Sauce.

625 barrels good sound White Potatoes, new crop, to weigh 172 pounds net per barrel.

50 barrels prime Red or Yellow Onions, to weigh 150 pounds net per barrel.

100 barrels prime Russia Turnips to weigh 135 pounds net per barrel.

1,600 heads prime good sized Cabbage to be delivered in crates or barrels.

37 pieces prime quality City Cured Bacon, to average about 6 pounds each.

52 prime quality City Cured Smoked Hams, to average about 14 pounds each.

30 prime quality City Cured Smoked Tongues, to average about 6 pounds each.

162 bales prime quality long bright Rye Straw, tare not to exceed three pounds; weight charged as received at Blackwell's Island.

50 bags Fine Meal, 100 pounds net each.

CROCKERY, DRY-GOODS, ETC.

1 gross Pitchers, 3 quarts.

5 gross Saucers.

500 yards Table Linen.

100 Rubber Blankets.

30,000 Sewing Needles, 10 each, Nos. 3 and 4; 5 each, Nos. 5 and 6.

650 pounds pure S. A. Curled Hair.

6 dozen Calculating Brushes.

—will be received at the office of the Department of Public Charities and Correction, in the City of New York, until 10 o'clock A. M. of Friday, July 25, 1890. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Crockery, Dry Goods, etc.," 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 President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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.

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, and in such quantities as may be directed by the said Commissioners.

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; 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 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 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 section 12 of chapter 7 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 State or 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.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition 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 price 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, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, and showing the manner of payment, will be furnished at the office of the Department; and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, July 14, 1890.

HENRY H. PORTER, President,
CHAS. E. SIMMONS, M. D.,
EDWARD C. SHEEHY,

Commissioners of Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, July 9, 1890.

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 Pier 52, East river—Unknown woman, aged about 20 years; 5 feet 1 inch high; sandy hair. Had on blue jersey, blue serge skirt, red cotton skirt, black and white calico skirt, white muslin chemise and petticoat, white corsets, gray stockings, gaiters.

Unknown man, from foot of Twenty-ninth street, East river, aged about 30 years; 5 feet 5 inches high; dark brown hair, light brown moustache. Had on brown check coat, black pants, white shirt, white knit undershirt, gray woolen socks, laced shoes.

Unknown man, from foot of Thirtieth street, North river, aged about 40 years; 5 feet 4 inches high; dark brown hair, gray moustache. Had on black coat and vest, brown mixed pants, white shirt, gray woolen undershirt, white cotton drawers, white cotton socks, laced shoes.

At Homeopathic Hospital, Ward's Island—Charles Cramer, aged 39 years; 5 feet 7 inches high; brown eyes, black hair. Had on when admitted black alpaca coat, black diagonal pants and vest, laced shoes, black felt hat.

Ellen Walsh, aged 46 years; 5 feet 2 inches high; blue eyes, gray hair. Had on when admitted black skirt and waist, woolen shawl, buttoned gaiters, woolen hood.

Nothing known of their friends or relatives.

By order,
G. F. BRITTON,
Secretary.

NEW AQUEDUCT.

WESTCHESTER COUNTY SECTION.

SUPREME COURT—SECOND JUDICIAL DISTRICT.

In the matter of the petition of Hubert O. Thompson, Commissioner of Public Works of the City of New York, under and in pursuance of chapter 490 of the Laws of 1883, and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the appointment of Commissioners of Appraisal, under chapter 490 of the Laws of 1883.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Fourth Separate Report of the Commissioners of Appraisal, appointed herein on October 11, 1884, which report was filed on April 26, 1890, in the office of the Clerk of Westchester County, at the Court-house in the village of White Plains in said county, and also the report of the Commissioners of Appraisal appointed herein on May 11, 1889, as a new and second Commission on the claim of Clinton W. Sweet, which report was filed in said clerk's office on April 2, 1890, will be presented for confirmation to the Supreme Court at a Special Term thereof, to be held in the Second Judicial District, at the Court-house in the City of Poughkeepsie, Dutchess County, on August 9, 1890, at 11 o'clock in the forenoon.

Dated New York, June 30, 1890.

WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

NOTICE OF APPLICATION FOR AP- PRaisal.

PUBLIC NOTICE IS HEREBY GIVEN THAT it is the intention of the Counsel to the Corporation of the City of New York to make application to the Supreme Court for the appointment of Commissioners of Appraisal, under chapter 490 of the Laws of 1883. Such application will be made at a Special Term of

said Court, to be held in the Second Judicial District, at the Court-house at White Plains, Westchester County, on the 10th day of July, 1890, at 11 o'clock in the forenoon, or as soon thereafter as counsel can be heard.

The object of such application is to obtain an order of the Court appointing three disinterested and competent freeholders as Commissioners of Appraisal to ascertain and appraise the compensation to be made to the owners and all persons interested in the real estate hereinafter described, as proposed to be taken or affected for the purposes indicated in chapter 490 of the Laws of 1883.

The real estate sought to be taken or affected as aforesaid is located in the County of Putnam, and is laid out and indicated on two similar or duplicate maps, one filed in the office of the County Clerk of Putnam County at Carmel, in said County, on May 27, 1890, and the other filed in the office of the Register of the City and County of New York on the same day, each of which maps is entitled, "Property Map of Parcels 1, 2, 3, 4, and 5, 'being part of certain lands to be taken for the construction of dams for 'Reservoir D,' on the west branch of the Croton river, near Belden's Bridge, and 'Craft's Station, in the town of Carmel, Putnam County, New York.'"

The real estate so proposed to be taken is required for the construction, operation and maintenance of the dams and reservoir known as "Reservoir D," and the following is a statement of the boundaries of said dams and reservoir and of the portion of the real estate to be acquired therefor under this proceeding:

All those certain lots, pieces or parcels of land in the Town of Carmel, Putnam County, New York, which, taken together, constitute and form a tract, the exterior boundary line of which is as follows: Beginning at a stone monument, marked "A. C." in the road from Carmel to Craft's Station, and running thence south 7 degrees west, 802.93 feet; thence north 56 degrees 10 minutes east, 282.67 feet; thence north 56 degrees 21 minutes east, 287.44 feet; thence south 72 degrees 23 minutes east, 374 feet; thence south 68 degrees 17 minutes west, 149.73 feet; thence south 62 degrees 4 minutes 45 seconds west, 423.9 feet; thence south 55 degrees 48 minutes 50 seconds west, 368.22 feet; thence south 32 degrees 23 minutes 35 seconds east, 329.30 feet; thence north 66 degrees 18 minutes east, 392.30 feet; thence north 77 degrees 54 minutes east, 142.16 feet; thence south 66 degrees 45 minutes east, 132.04 feet; thence north 70 degrees 27 minutes 20 seconds east, 417.88 feet; thence north 59 degrees 9 minutes 45 seconds east, 54.62 feet; thence north 2 degrees 39 minutes 30 seconds west, 250.06 feet; thence north 73 degrees 19 minutes east, 610.21 feet; thence north 53 degrees 51 minutes east, 659.09 feet; thence north 50 degrees 37 minutes east, 219.41 feet; thence north 49 degrees 47 minutes east, 320 feet; thence north 41 degrees 1 minute east, 52 feet; thence north 52 degrees 22 minutes west, 1,830.98 feet; thence north 52 degrees 45 minutes west, 761.85 feet; thence north 38 degrees 36 minutes 30 seconds west, 664.23 feet; thence south 68 degrees 40 minutes west, 333.21 feet; thence south 67 degrees 50 minutes west, 320 feet; thence south 16 degrees 58 minutes east, 382.57 feet; thence south 6 degrees 25 minutes west, 83.93 feet; thence south 7 degrees 17 minutes 30 seconds east, 1,588.13 feet, to the aforesaid stone monument set in the ground marked "A. C.," being the place of beginning, containing 127.095 acres of land more or less.

Also, all those certain lots, pieces or parcels of land in the Town of Carmel, Putnam County, New York, which taken together constitute and form a tract, the exterior boundary line of which is as follows: Beginning at a stone monument marked "A. C." in the road from Craft's Station to Carmel, and running thence north 75 degrees 33 minutes 10 seconds west, 691.8 feet; thence south 46 degrees 45 minutes 20 seconds west, 835.11 feet; thence north 27 degrees 49 minutes 15 seconds west, 1,202.62 feet; thence north 25 degrees 55 minutes 25 seconds east, 458 feet; thence south 61 degrees 35 minutes 40 seconds east, 498.16 feet; thence north 30 degrees 4 minutes 30 seconds east, 92.78 feet; thence north 39 degrees 43 minutes 15 seconds east, 520.30 feet; thence south 88 degrees 49 minutes 30 seconds east, 180.53 feet; thence south 62 degrees 18 minutes 45 seconds east, 687.18 feet; thence south 16 degrees 59 minutes 15 seconds west, 358.02 feet; thence south 11 degrees 52 minutes 50 seconds east, 668 feet, to the aforesaid stone monument, being the place of beginning, containing 42.315 acres of land, more or less.

All the lands within the above boundaries are to be acquired in fee, and include all the parcels shown on said maps as numbers 1 to 5, both inclusive. Reference is hereby made to the said similar maps filed as aforesaid for a more detailed description of said real estate to be taken or affected, of which the boundaries are above stated.

Dated New York, May 28, 1890.

WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon row, New York City.

WESTCHESTER COUNTY SECTION—AD- DITIONAL LANDS, SHAFTS 8 AND 15½.

SUPREME COURT—SECOND JUDICIAL DISTRICT.

In the matter of the petition of John Newton, Commissioner of Public Works of the City of New York, under and in pursuance of chapter 490 of the Laws of 1883, and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the appointment of Commissioners of Appraisal under chapter 490 of the Laws of 1883.

Dated New York, June 30, 1890.

WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

SODOM DAM AND RESERVOIR.

SUPREME COURT—SECOND JUDICIAL DISTRICT.

In the matter of the petition of John Newton, Commissioner of Public Works of the City of New York, under and in pursuance of chapter 490 of the Laws of 1883, and chapter 196 of the Laws of 1887, and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, for the appointment of Commissioners of Appraisal under said acts.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Second Separate Report of the Commissioners of Appraisal appointed herein on July 23, 1887, which report was filed on July 3, 1890, in the office of the Clerk of Westchester County at the Court-house in the Village of White Plains in said County, and a copy of which was on the same day filed in the office of the Clerk of Putnam County, at Carmel in said County, will be presented for confirmation to the Supreme Court at a Special Term thereof to be held in the Second Judicial District, at the Court-house in the City of Poughkeepsie, Dutchess County, on August 9, 1890, at 11 o'clock in the forenoon.

Dated New York, July 2, 1890.

WILLIAM H. CLARK,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,
PIER "A," BATTERY PLACE, NORTH RIVER,
NEW YORK, July 17, 1890.

VAN TASSELL & KEARNEY, AUCTIONEERS,
will sell at public auction in the Board Room at
Pier "A," Battery place, in the City of New York, on

WEDNESDAY, JULY 30, 1890,

at 12 o'clock noon, the right to collect and retain all wharfage which may accrue for the use and occupation by vessels of more than five tons burden, of the following-named piers, together with the privilege of shedding and maintaining a shed on any or all of such piers, and occupying any shed on any or all of such piers at the commencement of the term. The said sheds and each of them to revert to the Mayor, Aldermen and Commonalty of the City of New York at the expiration or sooner termination of the lease, to wit:

On the North River.

For a term of ten years, from August 1, 1890, with the privilege of renewal for a further term of ten years.

Lot 1. Pier at foot of West Thirty-eighth street.

Lot 2. Pier at foot of West Thirty-seventh street.

The leases of these piers will contain a covenant for a renewal term of ten years at an advanced rental, such increase to be ten per cent. on the rental for the first term.

TERMS AND CONDITIONS OF SALE.

The premises must be taken in the condition in which they may be at the commencement of the term of the lease, and no claim or demand that the premises or property are not in suitable and tenantable condition at the commencement of the term will be allowed by this Department.

All repairs, maintaining or rebuilding required or necessary to be done to or upon the premises, or any part thereof, during the continuance of the term of the lease, shall be done by and at the cost and expense of the lessee or purchaser.

No claim or demand will be considered or allowed by the Department for any loss or deprivation of wharfage or otherwise, resulting from or occasioned by any delay on account or by reason of the premises or any part thereof being occupied for or on account of any repairs, rebuilding or dredging.

The up-set price of the parcels or premises exposed or offered for sale will be announced by the auctioneer at the time of sale.

The Department will do all dredging whenever it shall deem it necessary or advisable so to do.

The term for which leases are sold will commence at the date mentioned in the advertisement, viz.: August 1, 1890, and the rents accruing therefor will be payable from that date in each case.

Each purchaser of a lease will be required, at the time of the sale, to pay, in addition to the auctioneer's fees, to the Department of Docks, twenty-five per cent. (25%) of the amount of annual rent bid, as security for the execution of the lease, which twenty-five per cent. (25%) will be applied to the payment of the rent first accruing under the lease when executed, or will be forfeited to the Department if the purchaser neglects or refuses to execute the lease, with good and sufficient surety or sureties, to be approved by the Department, within ten days after being notified that the lease is prepared and ready for execution at the office of the Department of Docks, Pier "A," North river, Battery place.

The Department expressly reserves the right to resell the lease or premises bid off, by those failing, refusing or neglecting to comply with these terms and conditions, the party so failing, refusing or neglecting, to be liable to the Corporation of the City of New York for any deficiency resulting from or occasioned by such resale.

Lessees will be required to pay their rent quarterly in advance, in compliance with the terms and conditions of the lease prepared and adopted by the Department.

In all cases where it is mentioned in the advertisement of sale, the purchaser shall be entitled to the privilege of occupying any shed upon the pier or bulkhead at the commencement of the term or that may thereafter be permitted or licensed by the Department, and to the rights attached to such permission or license, but subject to the conditions thereof, such purchaser being engaged in the business of steam transportation and using and employing the same for the purpose of regularly receiving and discharging cargo thereat.

Not less than two sureties, each to be a householder or freeholder in the State of New York, to be approved by the Board of Docks, will be required under each lease to enter into a bond or obligation, jointly and severally with the lessee, in the sum of double the annual rent, for the faithful performance of all the covenants and conditions of the lease, the names and addresses of the sureties to be submitted at the time of sale.

Each purchaser will be required to agree that he will, upon ten days' notice so to do, execute a lease with sufficient surety as aforesaid, the printed form of which may be seen and examined upon application to the Secretary, at the office of the Department, Pier "A," Battery place.

No person will be received as a lessee or surety who is delinquent on any former lease from this Department or the Corporation.

No bid will be accepted from any person who is in arrears to this Department or the Corporation, upon debt or contract, or who is a defaulter as surety or otherwise, upon any obligation to this Department or to the Corporation of the City of New York.

The auctioneer's fees (\$25) on each lot or parcel must be paid by the purchasers thereof respectively at the time of sale.

Dated NEW YORK, July 17, 1890.

EDWIN A. POST,
JAMES MATTHEWS,
J. SERGEANT CRAM,
Commissioners of the Department of Docks.

(Work of Construction under New Plan.)

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 345.)

PROPOSALS FOR ESTIMATES FOR FURNISHING AND PUTTING IN PLACE SMALL COBBLE AND RIP-RAP STONES.

ESTIMATES FOR FURNISHING AND PUTTING IN PLACE Small Cobble and Rip-rap Stones will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

THURSDAY, JULY 31, 1890,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 bidder to whom the award is made shall give security for the faithful performance of the contract in the manner prescribed and required by ordinance, in the sum of Seven Thousand Dollars.

The Engineer's estimate of the quantities is as follows:

Small Cobble and Rip-rap Stone for Bulkhead or River Wall, to be deposited in place by Contractor.

Class A.—About 15,000 cubic yards of Small Cobble Stone.

Class B.—About 20,000 cubic yards of Rip-rap Stone. N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

(1.) Bidders must satisfy themselves by personal examination of the locations of the proposed deliveries of the material, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The small cobble-stone and rip-rap stone are to be delivered from time to time, and in such quantities and at such times as may be directed by the Engineer. And all the work under this contract is to be fully completed on or before the 1st day of January, 1891, at which time this contract will cease and terminate.

The right is reserved by the Department of Docks to increase or diminish the estimated quantities of cobble and rip-rap stones called for by this contract by an amount not exceeding twenty per cent. of the estimated quantities. And the bidder will agree that he will not ask or demand, sue for nor recover any extra compensation for damage or loss of anticipated profits, beyond the amount payable for the several classes of work in this contract enumerated, which shall be actually supplied at the prices therefor agreed upon.

The damages to be paid by the contractor for each day that the contract or any part thereof, or of any delivery that may be ordered or directed by the Engineer, may be unfulfilled after the respective times fixed for the fulfillment thereof have expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their proposals the price per cubic yard for each of the above classes of material, in conformity with the approved form of agreement and the specifications therein set forth, by which the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay from any cause in the receiving of the material by the Department of Docks.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for furnishing this material.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also 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; which estimate must be verified by the oath, in writing, of the party 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 to by all the parties interested.*

Each 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 or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion, and that which said Corporation may be obliged to pay to the person 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 material to be delivered 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 the contract, 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 will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money 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.

Bidders are informed that no deviation from the specifications will be allowed unless under the written instructions of the Engineer-in-Chief.

No 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.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED, IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,
JAMES MATTHEWS,
J. SERGEANT CRAM,

Commissioners of the Department of Docks,
Dated NEW YORK, July 16, 1890.

(Work of Construction under New Plan.)

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 343.)

PROPOSALS FOR ESTIMATES FOR DREDGING FOR A NEW PIER AT FOOT OF WEST FORTY-NINTH STREET, ON THE NORTH RIVER.

ESTIMATES FOR DREDGING AT THE ABOVE-named place on the North river will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department on Pier "A," foot of Battery Place, North river, in the City of New York, until 12 o'clock M. of

WEDNESDAY, JULY 23, 1890.

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Three Thousand Five Hundred Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

For a New Pier at foot of West

Forty-ninth street, North river... 70,000 cubic yards.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received: 1st Bidders must satisfy themselves, by personal examination of the locations of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 30th day of April, 1891, and the damages to be paid by the Contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price per cubic yard for doing such dredging in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state that fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also 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; which estimate must be verified by the oath, in writing, of the party 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 to by all the parties interested.*

Each 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 or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person 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 to be done 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 the 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 will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, 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 be 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.

Bidders are informed that no deviation from the specification will be allowed, unless under the written instructions of the Engineer-in-Chief.

No 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.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED, IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department

EDWIN A. POST,
JAMES MATTHEWS,
J. SERGEANT CRAM,

Commissioners of the Department of Docks,
Dated, NEW YORK, July 7, 1890.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 330.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT THE FOLLOWING-NAMED PLACES ON THE NORTH AND EAST RIVERS:

NORTH RIVER.—Canal Street Dumping-board, Dumping-board at West Nineteenth Street Pier.

EAST RIVER.—Dumping-board at Pier 12, Dumping-board at Pier 44, Slip between Piers 51 and 52, Dumping-board at foot East Seventeenth street, Dumping-boards at foot East Twenty-second street.

ESTIMATES FOR DREDGING AT THE ABOVE-named places on the North and East rivers will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

WEDNESDAY, JULY 23, 1890,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of One Thousand Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

ON NORTH RIVER.

Canal Street Dumping-board 1,250 cubic yards.
Dumping-board at West Nineteenth Street 1,500 "

ON EAST RIVER.

Dumping-board at Pier 12 2,500 cubic yards.
Dumping-board at Pier 44 1,000 "
Slip between Piers 51 and 52 1,650 "
Dumping-board at East Seventeenth street 1,500 "
Dumping-boards at East Twenty-second street 7,500 "

Total 16,900 "

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1st. Bidders must satisfy themselves, by personal examination of the locations of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not at any time after the submission of an estimate dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 10th day of May, 1890, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price per cubic yard for doing such dredging in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office, with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect, and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence, the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair and without collusion or fraud; and also, 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; which estimate must be verified by the oath, in writing, of the party 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 to by all the parties interested.*

Each 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 or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation, may be obliged to pay to the person 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 to be done 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 the contract, 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 will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National Banks of the City of New York, drawn to the order of the Comptroller, or money 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.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No 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.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED, IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,
JAMES MATTHEWS,
J. SERGEANT CRAM,
Commissioners of the Department of Docks.
Dated New York, July 7, 1890.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 332.)

PROPOSALS FOR ESTIMATES FOR REMOVING CERTAIN PORTIONS OF, AND FOR REPAIRING THE OUTER 140 FEET OF THE OLD WOODEN PIER, AND FOR BUILDING COMPLETE THE INNER LENGTH OF THE PIER AT THE FOOT OF EAST TWENTY-FOURTH STREET, EAST RIVER.

ESTIMATES FOR REMOVING CERTAIN PORTIONS OF, AND FOR REPAIRING THE OUTER 140 FEET OF THE OLD WOODEN PIER, AND FOR BUILDING COMPLETE THE INNER LENGTH OF THE PIER AT THE FOOT OF EAST TWENTY-FOURTH STREET, EAST RIVER, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

WEDNESDAY, JULY 23, 1890,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish 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 bidder to whom the award is made shall give security for the faithful performance of the contract in the manner prescribed and required by ordinance, in the sum of Three Thousand Five Hundred and Twenty Dollars.

The Engineer's estimate of the nature, quantities and extent of the work, is as follows:

	Feet, B. M., measured in the work.
1. Yellow Pine Timber, 12" x 14".....	735
" " " 12" x 12".....	85,306
" " " 10" x 12".....	1,843
" " " 9" x 9".....	61
" " " 8" x 12".....	1,985
" " " 8" x 10".....	628
" " " 8" x 8".....	5,971
" " " 6" x 12".....	5,870
" " " 6" x 11".....	2,655
" " " 7" x 9".....	16
" " " 5" x 12".....	602
" " " 5" x 11".....	1,103
" " " 5" x 10".....	13,256
" " " 5" x 8".....	38
" " " 4" x 12".....	240
" " " 4" x 10".....	52,914
" " " 2" x 4".....	960
Total.....	174,183

	Feet, B. M., measured in the work.
2. Spruce Timber, 4" plank.....	61,923

	Feet, B. M., measured in the work.
3. White Oak Timber, 8" x 12".....	5,824

NOTE.—The above quantities of timber in items 1, 2 and 3, are inclusive of extra lengths required for scarfs, laps, etc., but are exclusive of waste.

4. White Pine, Yellow Pine, Norway Pine, or Cypress Piles..... 168
(It is expected that these piles will require to be from about 50 feet to about 55 feet in length.)

5. White Oak Fender Piles, about 50 feet to about 55 feet long..... 8

6. $\frac{3}{8}$ " x 28", $\frac{3}{8}$ " x 26", $\frac{3}{8}$ " x 22", $\frac{3}{8}$ " x 14", $\frac{3}{8}$ " x 12", $\frac{3}{8}$ " x 22", $\frac{3}{8}$ " x 16", $\frac{3}{8}$ " x 14", $\frac{3}{8}$ " x 12", $\frac{3}{8}$ " x 10", $\frac{3}{8}$ " x 8", $\frac{3}{8}$ " x 6", $\frac{3}{8}$ " x 4", $\frac{3}{8}$ " x 3", $\frac{3}{8}$ " x 2", $\frac{3}{8}$ " x 1", $\frac{3}{8}$ " x $\frac{1}{2}$ ", $\frac{3}{8}$ " x $\frac{1}{4}$ ", $\frac{3}{8}$ " x $\frac{1}{8}$ ", $\frac{3}{8}$ " x $\frac{1}{16}$ ", $\frac{3}{8}$ " x $\frac{1}{32}$ ", $\frac{3}{8}$ " x $\frac{1}{64}$ ", $\frac{3}{8}$ " x $\frac{1}{128}$ ", $\frac{3}{8}$ " x $\frac{1}{256}$ ", $\frac{3}{8}$ " x $\frac{1}{512}$ ", $\frac{3}{8}$ " x $\frac{1}{1024}$ ", $\frac{3}{8}$ " x $\frac{1}{2048}$ ", $\frac{3}{8}$ " x $\frac{1}{4096}$ ", $\frac{3}{8}$ " x $\frac{1}{8192}$ ", $\frac{3}{8}$ " x $\frac{1}{16384}$ ", $\frac{3}{8}$ " x $\frac{1}{32768}$ ", $\frac{3}{8}$ " x $\frac{1}{65536}$ ", $\frac{3}{8}$ " x $\frac{1}{131072}$, $\frac{3}{8}$ " x $\frac{1}{262144}$, $\frac{3}{8}$ " x $\frac{1}{524288}$, $\frac{3}{8}$ " x $\frac{1}{1048576}$, $\frac{3}{8}$ " x $\frac{1}{2097152}$, $\frac{3}{8}$ " x $\frac{1}{4194304}$, $\frac{3}{8}$ " x $\frac{1}{8388608}$, $\frac{3}{8}$ " x $\frac{1}{16777216}$, $\frac{3}{8}$ " x $\frac{1}{33554432}$, $\frac{3}{8}$ " x $\frac{1}{67108864}$, $\frac{3}{8}$ " x $\frac{1}{134217728}$, $\frac{3}{8}$ " x $\frac{1}{268435456}$, $\frac{3}{8}$ " x $\frac{1}{536870912}$, $\frac{3}{8}$ " x $\frac{1}{1073741824}$, $\frac{3}{8}$ " x $\frac{1}{2147483648}$, $\frac{3}{8}$ " x $\frac{1}{4294967296}$, $\frac{3}{8}$ " x $\frac{1}{8589934592}$, $\frac{3}{8}$ " x $\frac{1}{17179869184}$, $\frac{3}{8}$ " x $\frac{1}{34359738368}$, $\frac{3}{8}$ " x $\frac{1}{68719476736}$, $\frac{3}{8}$ " x $\frac{1}{137438953472}$, $\frac{3}{8}$ " x $\frac{1}{274877906944}$, $\frac{3}{8}$ " x $\frac{1}{549755813888}$, $\frac{3}{8}$ " x $\frac{1}{1099511627776}$, $\frac{3}{8}$ " x $\frac{1}{2199023255552}$, $\frac{3}{8}$ " x $\frac{1}{4398046511104}$, $\frac{3}{8}$ " x $\frac{1}{8796093022208}$, $\frac{3}{8}$ " x $\frac{1}{17592186044416}$, $\frac{3}{8}$ " x $\frac{1}{35184372088832}$, $\frac{3}{8}$ " x $\frac{1}{70368744177664}$, $\frac{3}{8}$ " x $\frac{1}{140737488355328}$, $\frac{3}{8}$ " x $\frac{1}{281474976710656}$, $\frac{3}{8}$ " x $\frac{1}{562949953421312}$, $\frac{3}{8}$ " x $\frac{1}{1125899906842624}$, $\frac{3}{8}$ " x $\frac{1}{2251799813685248}$, $\frac{3}{8}$ " x $\frac{1}{4503599627370496}$, $\frac{3}{8}$ " x $\frac{1}{9007199254740992}$, $\frac{3}{8}$ " x $\frac{1}{18014398509481984}$, $\frac{3}{8}$ " x $\frac{1}{36028797018963968}$, $\frac{3}{8}$ " x $\frac{1}{72057594037927936}$, $\frac{3}{8}$ " x $\frac{1}{144115188075855872}$, $\frac{3}{8}$ " x $\frac{1}{288230376151711744}$, $\frac{3}{8}$ " x $\frac{1}{576460752303423488}$, $\frac{3}{8}$ " x $\frac{1}{1152921504606846976}$, $\frac{3}{8}$ " x $\frac{1}{2305843009213693952}$, $\frac{3}{8}$ " x $\frac{1}{4611686018427387904}$, $\frac{3}{8}$ " x $\frac{1}{9223372036854775808}$, $\frac{3}{8}$ " x $\frac{1}{18446744073709551616}$, $\frac{3}{8}$ " x $\frac{1}{36893488147419103232}$, $\frac{3}{8}$ " x $\frac{1}{73786976294838206464}$, $\frac{3}{8}$ " x $\frac{1}{147573952589676412928}$, $\frac{3}{8}$ " x $\frac{1}{295147905179352825856}$, $\frac{3}{8}$ " x $\frac{1}{590295810358705651712}$, $\frac{3}{8}$ " x $\frac{1}{1180591620717411303424}$, $\frac{3}{8}$ " x $\frac{1}{2361183241434822606848}$, $\frac{3}{8}$ " x $\frac{1}{4722366482869645213696}$, $\frac{3}{8}$ " x $\frac{1}{9444732965739290427392}$, $\frac{3}{8}$ " x $\frac{1}{18889465931478580854784}$, $\frac{3}{8}$ " x $\frac{1}{37778931862957161709568}$, $\frac{3}{8}$ " x $\frac{1}{75557863725914323419136}$, $\frac{3}{8}$ " x $\frac{1}{151115727451828646838272}$, $\frac{3}{8}$ " x $\frac{1}{302231454903657293676544}$, $\frac{3}{8}$ " x $\frac{1}{604462909807314587353088}$, $\frac{3}{8}$ " x $\frac{1}{1208925819614629174706176}$, $\frac{3}{8}$ " x $\frac{1}{2417851639229258349412352}$, $\frac{3}{8}$ " x $\frac{1}{4835703278458516698824704}$, $\frac{3}{8}$ " x $\frac{1}{9671406556917033397649408}$, $\frac{3}{8}$ " x $\frac{1}{19342813113834066795298816}$, $\frac{3}{8}$ " x $\frac{1}{38685626227668133590597632}$, $\frac{3}{8}$ " x $\frac{1}{77371252455336267181195264}$, $\frac{3}{8}$ " x $\frac{1}{154742504910672534362390528}$, $\frac{3}{8}$ " x $\frac{1}{309485009821345068724781056}$, $\frac{3}{8}$ " x $\frac{1}{618970019642690137449562112}$, $\frac{3}{8}$ " x $\frac{1}{1237940039285380274899124224}$, $\frac{3}{8}$ " x $\frac{1}{2475880078570760549798248448}$, $\frac{3}{8}$ " x $\frac{1}{4951760157141521099596496896}$, $\frac{3}{8}$ " x $\frac{1}{9903520314283042199192993792}$, $\frac{3}{8}$ " x $\frac{1}{19807040628566084398385987584}$, $\frac{3}{8}$ " x $\frac{1}{39614081257132168796771975168}$, $\frac{3}{8}$ " x $\frac{1}{79228162514264337593543950336}$, $\frac{3}{8}$ " x $\frac{1}{158456325028528675187087900672}$, $\frac{3}{8}$ " x $\frac{1}{316912650057057350374175801344}$, $\frac{3}{8}$ " x $\frac{1}{633825300114114700748351602688}$, $\frac{3}{8}$ " x $\frac{1}{1267650600228229401496703205376}$, $\frac{3}{8}$ " x $\frac{1}{2535301200456458802993406410752}$, $\frac{3}{8}$ " x $\frac{1}{5070602400912917605986812821504}$, $\frac{3}{8}$ " x $\frac{1}{10141204801825835211973625643008}$, $\frac{3}{8}$ " x $\frac{1}{20282409603651670423947251286016}$, $\frac{3}{8}$ " x $\frac{1}{40564819207303340847894502572032}$, $\frac{3}{8}$ " x $\frac{1}{81129638414606681695789005144064}$, $\frac{3}{8}$ " x $\frac{1}{162259276829213363391578010288128}$, $\frac{3}{8}$ " x $\frac{1}{324518553658426726783156020576256}$, $\frac{3}{8}$ " x $\frac{1}{649037107316853453566312041152512}$, $\frac{3}{8}$ " x $\frac{1}{1298074214633706907132624082305024}$, $\frac{3}{8}$ " x $\frac{1}{2596148429267413814265248164610048}$, $\frac{3}{8}$ " x $\frac{1}{5192296858534827628530496329220096}$, $\frac{3}{8}$ " x $\frac{1}{10384593717069655257060992658440192}$, $\frac{3}{8}$ " x $\frac{1}{20769187434139310514121985316880384}$, $\frac{3}{8}$ " x $\frac{1}{41538374868278621028243970633760768}$, $\frac{3}{8}$ " x $\frac{1}{83076749736557242056487941267521536}$, $\frac{3}{8}$ " x $\frac{1}{166153499473114484112975882535043072}$, $\frac{3}{8}$ " x $\frac{1}{332306998946228968225951765070086144}$, $\frac{3}{8}$ " x $\frac{1}{664613997892457936451903530140172288}$, $\frac{3}{8}$ " x $\frac{1}{1329227995784915872903807060280344576}$, $\frac{3}{8}$ " x $\frac{1}{2658455991569831745807614120560689152}$, $\frac{3}{8}$ " x $\frac{1}{5316911983139663491615228241121378304}$, $\frac{3}{8}$ " x $\frac{1}{10633823966279326983230456482242756608}$, $\frac{3}{8}$ " x $\frac{1}{21267647932558653966460912964485513216}$, $\frac{3}{8}$ " x $\frac{1}{42535295865117307932921825928971026432}$, $\frac{3}{8}$ " x $\frac{1}{85070591730234615865843651857942052864}$, $\frac{3}{8}$ " x $\frac{1}{170141183460469231731687303715884105728}$, $\frac{3}{8}$ " x $\frac{1}{340282366920938463463374607431768211456}$, $\frac{3}{8}$ " x $\frac{1}{680564733841876926926749214863536422912}$, $\frac{3}{8}$ " x $\frac{1}{1361129467683753853853498429727072845824}$, $\frac{3}{8}$ " x $\frac{1}{2722258935367507707706996859454145691648}$, $\frac{3}{8}$ " x $\frac{1}{5444517870735015415413993718908291383296}$, $\frac{3}{8}$ " x $\frac{1}{10889035741470030830827987437816582766592}$, $\frac{3}{8}$ " x $\frac{1}{21778071482940061661655974875633165533184}$, $\frac{3}{8}$ " x $\frac{1}{43556142965880123323311949751266331066368}$, $\frac{3}{8}$ " x $\frac{1}{87112285931760246646623899502532662132736}$, $\frac{3}{8}$ " x $\frac{1}{174224571863520493293247799005065324265472}$, $\frac{3}{8}$ " x $\frac{1}{348449143727040986586495598010130648530944}$, $\frac{3}{8}$ " x $\frac{1}{696898287454081973172991196020261297061888}$, $\frac{3}{8}$ " x $\frac{1}{1393796574908163946345982392040522594123776}$, $\frac{3}{8}$ " x $\frac{1}{2787593149816327892691964784081045188247552}$, $\frac{3}{8}$ " x $\frac{1}{5575186299632655785383929568162090376495104}$, $\frac{3}{8}$ " x $\frac{1}{11150372599265311570767859136324180752990208}$, $\frac{3}{8}$ " x $\frac{1}{22300745198530623141535718272648361505980416}$, $\frac{3}{8}$ " x $\frac{1}{44601490397061246283071436545296723011960832}$, $\frac{3}{8}$ " x $\frac{1}{89202980794122492566142873090593446023921664}$, $\frac{3}{8}$ " x $\frac{1}{178405961588244985132285746181186892047843328}$, $\frac{3}{8}$ " x $\frac{1}{356811923176489970264571492362373784095686656}$, $\frac{3}{8}$ " x $\frac{1}{713623846352979940529142984724747568191373312}$, $\frac{3}{8}$ " x $\frac{1}{1427247692705959881058285969449495136382746624}$, $\frac{3}{8}$ " x $\frac{1}{2854495385411919762116571938898990272765493248}$, $\frac{3}{8}$ " x $\frac{1}{5708990770823839524233143877797980545530986496}$, $\frac{3}{8}$ " x $\frac{1}{11417981541647679048466287755595961091061972992}$, $\frac{3}{8}$ " x $\frac{1}{22835963083295358096932575511191922182123945984}$, $\frac{3}{8}$ " x $\frac{1}{45671926166590716193865151022383844364247891968}$, $\frac{3}{8}$ " x $\frac{1}{91343852333181432387730302044767688728495783936}$, $\frac{3}{8}$ " x $\frac{1}{182687704666362864775460604089535377456991567872}$, $\frac{3}{8}$ " x $\frac{1}{365375409332725729550921208179070754913983135744}$, $\frac{3}{8}$ " x $\frac{1}{730750818665451459101842416358141509827966271488}$, $\frac{3}{8}$ " x $\frac{1}{1461501637330902918203684832716283019655932542976}$, $\frac{3}{8}$ " x $\frac{1}{2923003274661805836407369665432566039311865085952}$, $\frac{3}{8}$ " x $\frac{1}{5846006549323611672814739330865132078623730171904}$, $\frac{3}{8}$ " x $\frac{1}{11692013098647223345629478661730264157247460343808}$, $\frac{3}{8}$ " x $\frac{1}{23384026197294446691258957323460528314494920687616}$, $\frac{3}{8}$ " x $\frac{1}{46768052394588893382517914646921056628989841375232}$, $\frac{3}{8}$ " x $\frac{1}{93536104789177786765035829293842113257979682750464}$, $\frac{3}{8}$ " x $\frac{1}{187072209578355573530071658587684226515959365500928}$, $\frac{3}{8}$ " x $\frac{1}{374144419156711147060143317175368453031918731001856}$, $\frac{3}{8}$ " x $\frac{1}{748288838313422294120286634350736906063837462003712}$, $\frac{3}{8}$ " x $\frac{1}{1496577676626844588240573268701473812127674924007424}$, $\frac{3}{8}$ " x $\frac{1}{2993155353253689176481146537402947624255349848014848}$, $\frac{3}{8}$ " x $\frac{1}{5986310706507378352962293074805895248510699696029696}$, $\frac{3}{8}$ " x $\frac{1}{11972621413014756705924586149611790497021399392059392}$, $\frac{3}{8}$ " x $\frac{1}{23945242826029513411849172299223580994042798784118784}$, $\frac{3}{8}$ " x $\frac{1}{47890485652059026823698344598447161988085597568237568}$, $\frac{3}{8}$ " x $\frac{1}{95780971304118053647396689196894323976171195136475136}$, $\frac{3}{8}$ " x $\frac{1}{191561942608236107294793378393788647952342390272950272}$, $\frac{3}{8}$ " x $\frac{1}{383123885216472214589586756787577295904684780545900544}$, $\frac{3}{8}$ " x $\frac{1}{766247770432944429179173513575154591809369561091801088}$, $\frac{3}{8}$ " x $\frac{1}{1532495540865888858358347027150309183618739122183602176}$, $\frac{3}{8}$ " x $\frac{1}{3064991081731777716716694054300618367237478244367204352}$, $\frac{3}{8}$ " x $\frac{1}{6129982163463555433433388108601236734474956488734408704}$, $\frac{3}{8}$ " x $\frac{1}{12259964326927110866866776217202473468949912977468817408}$, $\frac{3}{8}$ " x $\frac{1}{24519928653854221733733552434404946937899825954937634816}$, $\frac{3}{8}$ " x $\frac{1}{49039857307708443467467104868809893875799651909875269632}$, $\frac{3}{8}$ " x $\frac{1}{9807971461541688693493420973761$

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 sureties for its faithful performance, in the sum of one thousand and five hundred (\$1,500) dollars, 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 considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of seventy-five (\$75) dollars. 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.

HENRY D. PURROY,
S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, July 7, 1890.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor and doing the work required in repairing and altering the building of this Department, used as Quarters for Engine Company No. 33, at No. 15 Great Jones street, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, July 23, 1890, at which time and place they will be publicly opened by the head of said Department and read.

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

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

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

The work is to be completed and delivered within thirty (30) days after the execution of the contract.

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 fixed and liquidated at ten (10) dollars.

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 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 sureties for its faithful performance in the sum of one thousand and five hundred (\$1,500) dollars; 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 considered unless accompanied by either a certified check upon one of the banks of the City

of New York, drawn to the order of the Comptroller, or money to the amount of seventy-five (\$75) dollars. 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.

HENRY D. PURROY,
S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, July 7, 1890.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor and doing the work required in repairing one-third size Amoskeag Harp Tank Steam Fire-engine, registered number 517, and fitting said engine with a boiler of the "La France nest tube" pattern, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M. Wednesday, July 23, 1890, at which time and place they will be publicly opened by the head of said Department and read.

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

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

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

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

The repairs are to be completed and delivered within sixty (60) days after the execution of the contract.

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 fixed and liquidated at fifteen (15) dollars.

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 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 sureties for its faithful performance in the sum of nine hundred (900) dollars; 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 considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of forty-five (\$45) dollars. 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.

HENRY D. PURROY,
S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 9),
No. 300 MULBERRY STREET,
NEW YORK, 1890.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.
JOHN F. HARRIOT,
Property Clerk.

SUPREME COURT.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to GERMAN PLACE (although not yet named by proper authority), extending from Westchester avenue to Brook avenue, and to RAE STREET (although not yet named by proper authority), extending from St. Ann's avenue to German place, and to CARR STREET (although not yet named by proper authority), extending from St. Ann's avenue to German place, in the Twenty-third Ward of the City of New York, as the same have been heretofore laid out and designated as first-class streets or roads by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the sixth day of August, 1890, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said sixth day of August, 1890, and for that purpose will be in attendance at our said office on each of said ten days at one o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the seventh day of August, 1890.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by a line parallel with and distant 100 feet northerly from the northerly line of Third avenue and extending from the easterly line of the Port Morris Branch Railroad to the southerly line of East One Hundred and Sixty-first street, the southerly line of East One Hundred and Sixty-first street and a line parallel with and distant 100 feet northerly from the northerly line of Clifton street and extending from the easterly line of Third avenue to the centre line of the block between Third avenue and Eagle avenue; easterly by the centre line of the block between Third avenue and Eagle avenue, the centre line of the blocks between St. Ann's avenue and Eagle avenue, and an irregular line commencing at a point in the southerly line of East One Hundred and Fifty-sixth street, equidistant from St. Ann's avenue and Eagle avenue, and extending in a general southerly direction between the lines of said avenues to its intersection with a line parallel with, and distant 100 feet southerly from the southerly line of Westchester avenue; southerly by a line parallel with and distant 100 feet southerly from the southerly line of Westchester avenue; and westerly by the westerly line of Brook avenue and the easterly line of the Port Morris Branch Railroad; excepting from said area all the streets, avenues and roads, or portions thereof heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

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 at the chambers thereof, in the County Court-house, in the City of New York, on the twenty-second day of August, 1890, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, June 27, 1890.
SAMUEL R. ELLIOTT, Chairman,
JOSEPH E. NEWBURGER,
MICHAEL J. KELLY,
CARROLL BERRY, Clerk. Commissioners.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FIFTY-FOURTH STREET (although not yet named by proper authority), extending from Railroad avenue, East, to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the twenty-eighth day of July, 1890, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said twenty-eighth day of July, 1890, and for that purpose will be in attendance at our said office on each of said ten days at two o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the twentieth day of July, 1890.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the centre line of the blocks between East One Hundred and Fifty-fourth street and East One Hundred and Fifty-fifth street; easterly by the westerly side of Third avenue; southerly by the centre line of

the blocks between East One Hundred and Fifty-third street and East One Hundred and Fifty-fourth street, and westerly by the easterly side of Railroad avenue, East, excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

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 at the Chambers thereof, in the County Court-house, in the City of New York, on the ninth day of August, 1890, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, June 17, 1890.
JEFFERSON M. LEVY, Chairman,
LEICESTER HOLME,
EUGENE DURNIN,
CARROLL BERRY, Clerk. Commissioners.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of LINCOLN AVENUE (although not yet named by proper authority), extending from the Southern Boulevard to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the nineteenth day of July, 1890, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said nineteenth day of July, 1890, and for that purpose will be in attendance at our said office on each of said ten days at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the twenty-first day of July, 1890.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the southerly line of East One Hundred and Thirty-eighth street; easterly by a line parallel with, and distant 100 feet easterly from the easterly line of Lincoln avenue; southerly by the northerly line of the Southern Boulevard, and westerly by a line parallel with, and distant 100 feet westerly from the westerly line of Lincoln avenue and the centre line of the blocks between Lincoln avenue and Third avenue, from East One Hundred and Thirty-fifth street to the intersection of the westerly line of Lincoln avenue with the easterly line of Third avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

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 at the Chambers thereof, in the County Court-house, in the City of New York, on the first day of August, 1890, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, June 6, 1890.
FRANCIS C. DEVLIN, Chairman,
ROBERT W. TODD,
EZRA A. TUTTLE,
CARROLL BERRY, Clerk. Commissioners.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of ELTON AVENUE, (although not yet named by proper authority), extending from Third avenue to Brook avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the fourteenth day of July, 1890, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said fourteenth day of July, 1890, and for that purpose will be in attendance at our said office on each of said ten days at two o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the fifteenth day of July, 1890.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the southerly line of Brook avenue; easterly by the centre line of the block between Elton avenue and Washington avenue, a line drawn parallel with and distant 100 feet easterly from the easterly line of Elton avenue and the centre line of the blocks between Elton avenue and Third avenue; southerly by the northerly line of Third avenue and by a line drawn at right angles with the westerly line of Elton avenue at intersection with the westerly line of Third avenue, and extending

100 feet westerly of the westerly line of Elton avenue; westerly by a line drawn parallel with and distant 100 feet westerly of the westerly line of Elton avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the Laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

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 at the Chambers thereof, in the County Court-house, in the City of New York, on the twenty-eighth day of July, 1890, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, June 2, 1890.

ROBERT W. TODD, Chairman,
FRANCIS C. DEVLIN,
J. P. SOLOMON,
Commissioners.

CARROLL BERRY, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND THIRTY-SECOND STREET (although not yet named by proper authority), extending from the easterly side of Twelfth avenue to the westerly side of the Boulevard, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding and to the owner or owners, occupant or occupants, of all houses and lots and improved or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 280 Broadway (Room 4), in said city, on or before the 7th day of July, 1890, and that we, the said Commissioners, will hear parties so objecting within ten week-days next after the said 7th day of July, 1890, and for that purpose will be in attendance at our said office on each of said ten days at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 8th day of July, 1890.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situated, lying and being in the City of New York, which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the block between One Hundred and Thirty-second street and One Hundred and Thirty-third street; easterly by the westerly line of the Boulevard; southerly by the centre line of the block between One Hundred and Thirty-second street and One Hundred and Thirty-first street; and westerly by the easterly line of Twelfth avenue; excepting from said area all the land included within the line of streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

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 at the Chambers thereof, in the County Court-house in the City of New York, on the 21st day of July, 1890, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated NEW YORK, May 24, 1890.

CHARLES D. METZ, Chairman,
JOHN H. ROGAN,
JOHN C. WILLIAMSON,
Commissioners.

JOHN P. DUNN, Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

NEW YORK CITY CIVIL SERVICE BOARDS,
COOPER UNION,
NEW YORK, July 17, 1890.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations will be held for the positions below mentioned at the rooms of the Civil Service Boards, Cooper Union, upon the date specified:

July 24, ASSISTANT ENGINEERS.
July 24, DRAFTSMEN.
July 25, STENOGRAPHER AND TYPEWRITER
LEE PHILLIPS,
Secretary and Executive Officer.

NEW YORK CITY CIVIL SERVICE BOARDS,
COOPER UNION,
NEW YORK, April 3, 1890.

NOTICE.

1. Office hours from 9 A. M. until 4 P. M.
2. Blank applications for positions in the classified service of the city may be procured upon application at the above office.

3. Examinations will be held from time to time at the needs of the several Departments of the City Government may require. When examinations are called, all persons who have filed applications prior to that date will be notified to appear for examination for the position specified.

4. All information in relation to the Municipal Civil Service will be given upon application either in person or by letter. Those asking for information by mail should inclose stamp for reply.

5. The classification by schedule of city employees is as follows:

Schedule A shall include all deputies of officers and commissioners duly authorized to act for their principals, and all persons necessarily occupying a strictly confidential position.

Schedule B shall include clerks, copyists, recorders, bookkeepers and others rendering clerical services, except type-writers and stenographers.

Schedule C shall include Policemen, both in the Police Department and Department of Parks, and the uniformed force in the Fire Department, and Doormen in the Police Department.

Schedule D shall include all persons for whose duty special expert knowledge is required not included in Schedule E.

Schedule E shall include physicians, chemists, nurses, orderlies and attendants in the city hospitals and asylums, surgeons in the Police Department and the Department of Public Parks, and medical officers in the Fire Department.

Schedule F shall include stenographers, type-writers and all persons not included in the foregoing schedules, except laborers or day workmen.

Schedule G shall include all persons employed as laborers or day workmen.

Positions falling within Schedules A and G are exempt from Civil Service examination.

LEE PHILLIPS,
Secretary and Executive Officer.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, July 17, 1890.

NOTICE OF SALE AT PUBLIC AUCTION.

ON MONDAY, AUGUST 4, 1890, the Department of Public Works will sell at public auction, by Van Tassel & Kearney, auctioneers, at the Corporation Yards, One Hundred and Nineteenth street and St. Nicholas avenue, foot of East Sixteenth street, and foot of Rivington street, the sale to commence at the yard One Hundred and Nineteenth street and St. Nicholas avenue, at 10.30 A. M., the following articles, viz.:

WAGONS, TRUCKS, CARTS, STANDS, BOOTHS, TELEGRAPH POLES, COPPER, ELECTRIC-LIGHT WIRE, ABANDONED FURNITURE, PUSH-CARTS, ETC., ETC.

TERMS OF SALE.

Cash payments in full must be made in bankable funds at the time and place of sale, and the articles purchased must be removed by the purchasers within ten days from date of sale, otherwise the purchasers will forfeit their right to same, together with all moneys paid therefor.

THOMAS F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER REGISTER,
No. 31 CHAMBERS STREET, ROOM 2,
NEW YORK, July 17, 1890.

CROTON WATER RATES.

NOTICE IS HEREBY GIVEN THAT, ACCORDING to law, five per cent. will be added on the first of August next on all unpaid Croton water rates.

THOMAS F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, July 14, 1890.

NOTICE OF SALE AT PUBLIC AUCTION.

ON FRIDAY, JULY 25, 1890, AT 10.30 A. M., the Department of Public Works will sell at public auction, by Messrs. Van Tassel & Kearney, auctioneers, on the premises, as follows, a quantity of old Paving Stones, viz.:

At Forty-second street and East river, about 250,000 paving blocks.
At Delancey street, near East street, about 200,000 paving blocks.
At Pike Slip, about 75,000 paving blocks.
At Counties Slip, about 150,000 paving blocks.
At Piers 24 and 25, North river, about 125,000 paving blocks.

TERMS OF SALE.

Cash payments in bankable funds at the time and place of sale, and the removal of paving blocks by purchaser within ten days from date of sale, otherwise he will forfeit the same, together with all moneys paid therefor.

THOS. F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
Room 6, No. 31 CHAMBERS ST.,
NEW YORK, July 10, 1890.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M. Thursday, July 24, 1890, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF ELEVENTH AVENUE, between Twenty-seventh and Thirtieth streets (so far as the same is within the limits of grants of land under water).

No. 2. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF MANGIN STREET, from Grand to Houston street (so far as the same is within the limits of grants of land under water).

No. 3. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF NINETEENTH STREET, from Tenth avenue to about 300 feet westerly (so far as the same is within the limits of grants of land under water).

No. 4. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF TWENTY-SIXTH STREET, from Tenth to Eleventh avenue (so far as the same is within the limits of grants of land under water).

No. 5. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF LEWIS STREET, from Delancey to Houston street (so far as the same is within the limits of grants of land under water).

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. 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 in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must 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 the 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 surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money 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.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 1, No. 31 Chambers street.

THOS. F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
Room 6, No. 31 CHAMBERS STREET,
NEW YORK, July 10, 1890.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M. Thursday, July 24, 1890, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR LAYING WATER MAINS IN TENTH, HONEYWELL, DAILY AND FIRST AVENUES, IN EIGHTY-NINTH, NINETY-SIXTH, ONE HUNDRED AND THIRD, ONE HUNDRED AND NINTH, ONE HUNDRED AND TWELFTH, ONE HUNDRED AND TWENTY-SIXTH, ONE HUNDRED AND THIRTY-SIXTH, ONE HUNDRED AND FORTY-FOURTH, ONE HUNDRED AND FORTY-NINTH, ONE HUNDRED AND SEVENTY SIXTH, HIGHBRIDGE AND SAMUEL STREETS.

No. 2. FOR FURNISHING MATERIALS AND PERFORMING WORK IN REPAIRING AND PAINTING THE ROOFS OF THE TWELFTH REGIMENT ARMOY.

No. 3. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF LEROY STREET, between Washington and West streets (so far as the same is not within the limits of grants of land under water).

No. 4. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF LITTLE WEST TWELFTH STREET, from Washington street to Tenth avenue (so far as the same is not within the limits of grants of land under water).

No. 5. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF WASHINGTON STREET, from Houston to Clarkson street and from King to Charlton street (so far as the same is not within the limits of grants of land under water).

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. 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 in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must 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 the 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 surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money 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 the deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Rooms 15, 10 and 1, No. 31 Chambers street.

THOMAS F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, June 2, 1890.

TO THE PEOPLE OF THE CITY OF NEW YORK.

It becomes my duty as Commissioner of Public Works and custodian of the many and immense interests involved in the City's water supply, to briefly present to the people of the City the present condition of the supply, and the extreme necessity for care and economy in the use of the water.

For a number of years past and up to the present time, the old Aqueduct and the Bronx river conduit have delivered in the City all the water which they are capable of carrying, the supply thus remaining stationary when the City has been constantly growing in population, buildings, manufactures and commerce, creating new and additional demands upon the water service. The consequence is that at certain seasons of the year, notably in extreme cold weather, when the habit of wasting water from faucets to prevent freezing in the pipes prevails, and in warm and dry weather, when various methods of waste are in vogue, the daily consumption exceeds the supply which can by any possibility be received through the old Aqueduct and the Bronx river conduit, the excess of consumption being drawn from the city reservoirs, diminishing the depth of water and the pressure in the distributing mains. There is no possibility of increasing the water supply received in the City until the new Aqueduct is brought into operation, and in the meantime the only reliance for a fair and equal distribution of water throughout the city is care and economy in its use on the part of the people. Already the depth of water in the reservoirs is being diminished at the rate of one inch per day, and if this should continue for any length of time, the pressure in the distributing mains would be so reduced that it would be impossible to deliver water in thousands of houses located on high ground, and in some other locations even in the basements or cellars.

I, therefore, most earnestly appeal to all citizens, residents and people carrying on business in this city to be careful and economical in the use of water, in justice to themselves, to the people at large, and especially to those who are so located as to be already suffering inconvenience from insufficient supply of water.

THOMAS F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, August 14, 1889.

TO OWNERS OF LANDS ORIGINALLY ACQUIRED BY WATER GRANTS.

ATTENTION IS CALLED TO THE RECENT act of the Legislature (chapter 449, Laws of 1889), which provides that whenever any streets or avenues in the city, described in any grant of land under water, from the Mayor, Aldermen and Commonality, containing covenants requiring the grantees and their successors to pave, repave, keep in repair or maintain such streets, shall be in need of repairs, pavement or repavement, the Common Council may, by ordinance, require the same to be paved, repaved or repaired, and the expense thereof to be assessed on the property benefited; and whenever the owner of a lot so assessed shall have paid the assessment levied for such paving, repaving or repairing, such payment shall release and discharge such owner from any and every covenant and obligation as to paving, repaving and repairing, contained in the water grant under which the premises are held, and no further assessment shall be imposed on such lot for paving, repaving or repairing such street or avenue, unless it shall be petitioned for by a majority of the owners of the property (who shall also be the owners of a majority of the property in frontage) on the line of the proposed improvement.

The act further provides that the owner of any such lot may notify the Commissioner of Public Works, in writing, specifying the ward number and street number of the lot, that he desires, for himself, his heirs and assigns, to be released from the obligation of such covenants, and elects and agrees that said lot shall be thereafter liable to be assessed as above provided, and thereupon the owner of such lot, his heirs and assigns shall thenceforth be relieved from any obligation to pave, repair, uphold or maintain said street, and the lot in respect of which such notice was given shall be liable to assessment accordingly.

The Commissioner of Public Works desires to give the following explanation of the operation of this act: When notice, as above described, is given to the Commissioner of Public Works, the owner of the lot or lots therein described, and his heirs and assigns, are forever released from all obligation under the grant in respect to paving, repaving or repairing the street in front of or adjacent to said lot or lots, except one assessment for such paving, repaving or repairs, as the Common Council may, by ordinance, direct to be made thereafter.

No street or avenue within the limits of such grants can be paved, repaved or repaired until said work is authorized by ordinance of the Common Council, and when the owners of such lots desire their streets to be paved, repaved or repaired, they should state their desire and make their application to the Board of Aldermen and not to the Commissioner of Public Works, who has no authority in the matter until directed by ordinance of the Common Council to proceed with the pavement, repavement or repairs.

THOS. F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, June 1st, 1889.

PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 359, Laws of 1887, amending sections 350 and 921 of the New York City Consolidation Act of 1882, passed June 9, 1887, the following changes are made in charging and collecting water rents:

1st. All extra charges for water incurred from and after June 9, 1887, shall be treated, collected and returned in arrears in the same manner as regular rents have heretofore been treated.

2d. In every building where a water meter or meters are now, or shall hereafter be in use, the charge for water by meter measurement shall be the only charge against such building, or such part thereof as is supplied through meter.

3d. The returns of arrears of water rents, including the year 1887, shall be made as heretofore on the confirmation of the tax levy by the Board of Aldermen, and shall include all charges and penalties of every nature.

4th. A penalty of five dollars (\$5) is hereby established, and will be imposed in each and every case where the rules and regulations of the Department prohibiting the use of water through hose, or in any other wasteful manner, are violated, and such penalties will be entered on the books of the Bureau against the respective buildings or property, and, if not collected, be returned in arrears in like manner as other charges for water.

5th. Charges for so-called extra water rents of every nature, imposed or incurred prior to June 9, 1887, will be canceled of record on the books of the Department.

THOMAS F. GILROY,
Commissioner of Public Works.

THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays other than the general election day excepted, at No. 2 City Hall, New York City. Price, single copy, 3 cents; annual subscription \$9.30.

W. J. K. KENNY,
Supervisor.