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DEPARTMENT OF PUBLIC PARKS.

Report for the Quarter ending September 30, 1888.

CITY OF NEW YORK—DEPARTMENT OF PUBLIC PARKS,
NOS. 49 AND 51 CHAMBERS STREET,
October 1, 1888.

Hon. ABRAM S. HEWITT, Mayor :

SIR—In pursuance of the provisions of section 49, chapter 410 of the laws of 1882, the Department of Public Parks hereby submits the following statement of its transactions during the three months ending September 30, 1888.

The organization of the Board governing the Department remains the same as at the end of the previous quarter.

During the period covered by this report contracts for the following-named works of improvement, etc., on the parks and in the annexed district have been entered into:

For erecting retaining walls in Transverse Road No. 2, in Central Park. Thomas Hayden, contractor; Erastus Crawford and William H. Morton, sureties.

For the erection of blue-stone steps and foundation walls for the same in Morningside Park. Michael McGrath, contractor; John McLaughlin and Michael Giblin, sureties.

For constructing upper portion of a park vertical wall, including blue-stone base course on the southerly side of One Hundred and Tenth street, between Fifth and Eighth avenues. Michael McGrath, contractor; John McLaughlin and Michael Giblin, sureties.

For constructing receiving-basins and inlets for walk and surface drainage on Morningside Park. Joseph Moore, contractor; John McQuade and Peter McGinniss, sureties.

For the renewal of the flooring of the Third avenue bridge over Harlem river. Joseph Moore, contractor; John McQuade and Peter McGinniss, sureties.

For setting curb-stones, repairing and resurfacing the macadamized roadway and improving Seventy-second street, between Eighth and Tenth avenues. Terance A. Smith, contractor; Joseph C. Biglin and Thomas Bartley, sureties.

For furnishing and delivering hay, straw, oats, corn and bran. Horace Ingersoll, contractor; B. G. Mitchell and Samuel Ingersoll, sureties.

For erecting green-houses near One Hundred and Fourth street and Fifth avenue, in Central Park. Leonard G. Preusch, contractor; Michael Maloney and John Byrns, sureties.

For furnishing and setting granite coping and piers and the erecting of an iron railing on the sea-wall at East River Park, including a return wall. John Donaldson, contractor; William Kelly and James Fitzpatrick, sureties.

For the excavation and removal of earth from the site of the proposed enlargement of the American Museum of Natural History. James Slattery, contractor; John G. Smith and Peter McEntee, sureties.

For furnishing and laying floor tiling for the principal and gallery floors of the enlargement of the Metropolitan Museum of Art. Herter Brothers, contractors; Walter W. Watrous and W. L. Jenkins, sureties.

For furnishing and erecting an elevator in the enlargement of the Metropolitan Museum of Art. McAdams & Cartwright, contractors; Lawrence V. Conover and B. J. Curley, sureties.

For carpenter and joiner work, etc., in the enlargement of the Metropolitan Museum of Art. McGuire & Sloane, contractors; George W. Ridgley and A. G. Newman, sureties.

For regulating and grading Tinton avenue, from Kelly street to Westchester avenue. Bernard Mahon, contractor; Thomas J. Dunn and Maurice B. Flynn, sureties.

For constructing outlet sewer in Railroad avenue, East, between the Harlem river and One Hundred and Fifty-eighth street. John S. Brown, contractor; H. H. Brown and M. S. Coleman, sureties.

Contracts have also been entered into for the following named works in connection with the enlargement and equipment of the Metropolitan Museum of Art without public letting, under a resolution of the Common Council:

For furnishing complete, forty table cases for the enlargement of the Museum building.

For erecting wall and table cases in the gold gallery, in the southwest room of the second story of the enlargement of the Museum building. Pottier, Stymus & Co., contractors; Adrian A. Pottier and William P. Stymus, sureties.

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

Map showing change of classification of Decatur avenue, from Brookline street to Middlebrook Parkway, Twenty-fourth Ward.

Map showing change of street system in that part of the Twenty-fourth Ward, lying westerly of the Spuyten Duyvil Parkway, and southerly of the lands of James R. Whiting.

Map showing change of street system in that part of the Twenty-fourth Ward, bounded on the north by the Southern Boulevard, on the east by Webster avenue, on the south by Travers street, and on the west by Jerome avenue.

Under authority vested in this Department by chapter 577 of the Laws of 1887, and having been thereto directed by the Board of Street Opening and Improvement, as provided by said act, the Department has taken from file maps or plans hitherto filed by it, locating and laying out streets, and amended the same by adding thereto profiles, grades and location of monuments, etc., as follows:

Map or plan of East One Hundred and Sixty-fourth street, from East One Hundred and Sixty-fifth street to Railroad avenue, West, and from Brook to Trinity avenue in the Twenty-third Ward.

Map or plan showing East One Hundred and Sixty-eighth street, from Webster to Franklin avenue, Twenty-third Ward.

Map or plan showing East One Hundred and Seventy-first street, from Webster to Brook avenue, Twenty-fourth Ward.

Map or plan showing East One Hundred and Seventy-second street, from Vanderbilt avenue, East, to Third avenue, Twenty-fourth Ward.

Map or plan showing East One Hundred and Seventy-fourth street, between Carter and Third avenues, Twenty-fourth Ward.

Map or plan showing East One Hundred and Seventy-sixth street, from Jerome to Tremont avenue, Twenty-fourth Ward.

Map or plan showing East One Hundred and Seventy-eighth street, from Vanderbilt avenue, East, to La Fontaine avenue, Twenty-fourth Ward.

Permission for the erection of bay or oriel windows has been given, as follows:

On the building of Henry Siefke, at the northeast corner of Fifth avenue and Ninety-fourth street, the window not to project more than 4 feet beyond the house-line.

On the building of F. J. Stone, at the southwest corner of Fifth avenue and Eighty-sixth street, the window not to project more than 3 feet beyond the house-line.

On the building of L. H. Biglow, at the southwest corner of Seventeenth street and Rutherford place.

For the purpose of carrying out work authorized by and provided for by chapter 575 of the Laws of 1887, plans have been prepared for constructing approaches to the Metropolitan Museum of

Art in Central Park, and forwarded to the Board of Estimate and Apportionment for approval with the request that the Comptroller be directed to issue bonds to the amount of \$40,000 for doing the work.

Plans for a return wall and other improvements in connection with the present East River Park sea-wall have also been prepared by this Department and approved by the Board of Estimate and Apportionment, the sum of \$7,000 has been raised by the issue of bonds for this work.

Plans for the improvement of Riverside Park, between Seventy-second and Seventy-ninth streets have been prepared and approved in a like manner, and the sum of \$50,000 has been set aside for doing the work.

The Comptroller has also been requested to provide the further sum of \$50,000 to be applied to the improvement of Morningside Park.

At the request of the Department the Board of Estimate and Apportionment transferred the sum of \$141.26 from the appropriation for Labor, Maintenance, Supplies, etc., for the year 1887, to the appropriation for Police for the same year, which was insufficient.

The Department has also applied for the following transfers:

The sum of \$2,500 from the following appropriations, for which the several amounts will not be required, viz.:

Bronx River Bridges, 1888.....	\$1,800 00
Cromwell's Creek Bridges, etc., 1888.....	300 00
Sprinkling Twenty-third and Twenty-fourth Wards.....	400 00
	<hr/> \$2,500 00

—to the appropriation for surveys, maps and plans for the current year, which is insufficient.

The sum of \$5,700 from the appropriation, "Labor, Maintenance, Supplies, Construction and Repairs—General Maintenance," for the year 1888, to the appropriation, "Zoological Department" for the same year.

The sum of \$1,200 from the appropriation for Riverside Park and avenue for the current year to the appropriation for "Labor, Maintenance, Supplies, Construction and Repairs, Arranging Small Parks" for the same year.

The plan of the Riverside avenue has been changed by continuing the roadway between Eighty-eighth and Eighty-sixth streets, at a uniform width of forty-five feet.

Under chapter 407 of the Laws of 1888, an act providing for the construction of railways through the Central Park Transverse roads, proposals were invited for the construction and operation of such railways. In response to an advertisement published in the CITY RECORD, two proposals were received, i. e. from the New York and Harlem Railroad Company and the Second Avenue Railroad Company for constructing railways in and through Transverse Road No. 3, at Eighty-fifth street. The matter is still under consideration.

Provision having been made for the lighting of Stuyvesant Square at night, the square or park which it has been the custom for many years to close at sundown is now allowed to remain open to the public throughout the evening.

Music has been given in the Central and several of the city parks during the summer concert season.

The purchasers of several buildings standing within the lines of Railroad avenue, East, which were sold at auction by the Department, having failed to comply with repeated notices to remove the buildings, the Commissioner of Public Works was requested to cause the removal of the same through his Bureau of Incumbrances.

The Departmental Estimate for the year 1889, has been prepared and forwarded to the Board of Estimate and Apportionment and to the Board of Aldermen.

CENTRAL AND CITY PARKS.

Gardening Work.

The force has been employed in cutting out dead, diseased and overcrowded trees and shrubs, and grubbing out poison ivy, cat briars and other weeds, preparatory to planting out during the autumn.

1,571 trees were removed from the Central Park, also 3 large trees at Mount Morris Park and 3 at Riverside Park. 8 laborers have been engaged around the green-houses in cutting out trees and grubbing preparatory to future planting. These 8 men have taken out 420 trees since August 4, 1888, besides a large quantity of poison ivy.

The nursery stock at Morningside Park has been regularly watered and cared for, also the bedding plants on the city parks and elsewhere.

The force at the green-houses has been engaged in the propagation of stock for the coming season.

General Maintenance of Parks.

By this term is meant the routine work of the laborers in the employ of the Department, in addition to which are added a few special items of work, deserving of special mention as peculiar to the season.

The maintenance work consists of the almost daily watering, rolling, scraping and cleaning of nearly 20 miles of drives and bridle-roads, the daily sweeping and cleaning of 28 miles of walks and the cleaning of 400 acres of lawns on the Central Park, as well as the walks and lawns of the various city parks.

The cleaning, on an average of once a month, of the hundreds of basins along the drives, bridle-roads and walks of the various parks has been an important item of work.

The surface and shores of the different bodies of water throughout the Central Park have been regularly cleaned and scum removed.

This work of cleaning drives, bridle-paths, walks, basins and shores of lakes has involved considerable labor both in the collection of the refuse and the hauling of same to the dump.

The ladies' and gentlemen's cottages have been kept open on an average of 12 hours per day in charge of attendants.

The lawns of the Central Park have been open for games and picnics, and large numbers of people availed themselves of these privileges.

Concerts were given on an average of twice a week on the Mall, Central Park, and once a week at each of the following places: Mount Morris Park, Tompkins Square and Battery Park.

This use of the lawns by the public and the large attendance at the concerts involved considerable labor. The lawns had to be kept clean, frequently mowed, and tennis courts marked out. The matter of music caused considerable labor in the way of the preparation and decoration of music-stands, attendance at concerts and games, providing water, and properly caring for and preserving Department property.

380 cubic yards of manure were received at the Sheepfold Yard during the past quarter from the following sources:

Menagerie.....	280 yards.
Police Stables.....	100 "
	<hr/> 380 "

Considerable work has been done in the matter of repairing, improving and erecting wire fences at different points throughout the Department.

50,000 square feet of grass-sod were laid at different points throughout the Central and city Parks. This involved considerable work in the preparation of the ground and grading sunken places.

1,163 cubic yards of garden mould were received at the Sheepfold Yard and stored for future use.

The lawns of the Park have been mowed, from time to time, as required. The long grass has either been carted to the Menagerie for the use of the animals or sold. The short grass was carted to the dump.

Special Items of Work.

Considerable work was done in excavating and removing the earth and stone filling preparatory to the repairs of Bridge 6, on West Drive, near Sheepfold, by the masons. The excavation made was 56 feet long, 30 feet wide, and 13 feet deep. When the repairs were made to the stone work of the arch of the bridge the earth and stone filling and foundation of drive were replaced.

Tar-walks were laid on the First and Second Division, as follows:

First Division.....	12,220 square feet.
Second Division.....	7,050 "
	<hr/> 19,270 "

The small parks above Fifty-ninth street, such as Triangle, junction of Ninth avenue; Boulevard and Sixty-third street, Manhattan Square, Fourth Avenue Park and Mount Morris Park have been regularly maintained and cared for.

The force at the Stables has been engaged in properly grooming and feeding 85 horses, as follows:

66 at the Eighty-fifth Street Stables.
19 at the Police Stables.

The constant use of the light wagons and express wagons required the daily washing and cleaning of same, and also of the harness, to which the necessary repairs were made from time to time in order to replace wear and tear.

Fifth avenue, from Ninetieth to One Hundred and Tenth street, was repaired by the application of two boat-loads of broken stone and regraded.

One Hundred and Tenth and West Seventy-second streets were also improved and cared for. One Hundred and Tenth street was repaired by the application of about 60 yards of broken stone; West Seventy-second street by the application of gravel.

Both these streets, as well as Fifth avenue, were regularly sprinkled.

The care of the city parks below the line of Fifty-ninth street has involved considerable work, particularly at Jackson Square, where the work was pushed to completion and the park opened for the use of the public on August 23.

This work of opening other small city parks has been carried on, and at present the walks are well under way in Abingdon Square and Christopher Street Parks, and work is about to commence at Duane Street Park.

At Washington Square the walks have been repaired by the application of about 50,000 square feet of asphalt. This work has been done on specially advantageous terms to the city by its supplying the material and contracting for the laying of the same.

The various other city parks and triangles have received attention from time to time as required. The work at Riverside Drive has been altogether of a maintenance character, consisting of cleaning lawns, roads, gutters, etc. The work at this point has been attended to.

At Morningside Park the work is of a construction character, and consisted of excavating for walk and surface basins and laying drain-pipe to connect with same, repairing wash-outs caused by rain storms, grading and shaping course of walks, preparing rock-work and arranging stone steps at various points. The execution of the overhanging rock-work at One Hundred and Twenty-third street is very difficult.

During the past quarter the drives of the Central Park and Riverside Drive have been improved by the application of 4,094.98 cubic yards of double screened gravel.

Mechanical Work—Carpenters.

The Carpenters of the Department have been engaged as follows:

Repairing 5 cottages, 6 summer-houses, rustic bridges and arbors, and eight other buildings, such as Arsenal, green-houses, stables, etc.

Two cottages and 2 gate-boxes were repaired on the city parks.

At the Harlem river bridges necessary repairs were made to the roadway of the Third and Madison Avenue Bridges and Central Bridge.

2,161 settees were repaired for the Central and city parks, as follows:

Central Park.....	1,950
City Parks.....	212
	<hr/> 2,162

In addition to this there has been put together 20 settees at Jeannette Park, 30 at Canal street and 31 at Jackson Square, together with platforms for same.

Made 44 new signs and repaired 25 old ones, also made 6,098 stakes for Morningside Park, East River Park and Riverside Park.

Made necessary repairs to tools, tool-boxes, derricks, water-troughs, etc.; also to 34 pieces of rolling-stock.

Painters' Work.

Painted, grained and varnished inside and outside of three cottages, also painted and glazed the repairs of three other cottages on the Central Park.

Painted and glazed repairs of gate-boxes, green-houses, stables, Harlem river bridges, music-stands, rolling-stock, etc.

Painted 1,398 settees on the Central Park and 166 on the city parks.

Painted iron-work of urinals and railings at Jeannette Park, Duane Street Park, Beach Street Park, Canal Street Park, Abingdon Square, Christopher Street Park, Washington Square, Jackson Square, Triangles at Thirty-second and Thirty-fifth streets, Broadway and Sixth avenue, and Bryant Park.

Machinists' Work.

This force consists of steam engineers and men employed in operating the bridges over the Harlem river; of skilled laborers, blacksmiths, tool dressers, etc.

The 3 draw-bridges over the Harlem river have been operated satisfactorily.

Repairs have been made to the iron railings and urinals on the Central and city parks, also to the tools and rolling-stock.

Masons' Work.

At Jackson Square removed, recut and reset 564 feet of 6-inch curb, repaved 1,188 feet of street gutters, built walk-basins and laid 45 feet of 4-inch iron drain-pipe, connecting with Greenwich avenue sewer, cut out granite base course for 10 foot gateway, cut and set 5 granite-blocks, recut 3 granite fence posts and pointed 500 feet of granite coping.

At Canal Street Park removed, recut and reset 768 feet of 4-inch stone curbing, repaved 1,536 feet of street gutters, cut out 20 feet of coping for gateway, cut and set 10 blocks of granite for gates, built walk basins and laid 25 feet of 4-inch drain-pipe.

At Morningside Park built 1,837 feet of stone foundation walls at One Hundred and Sixteenth street and laid 278 feet of drain-pipe.

On Central Park built 51 basins and laid 494 feet of drain-pipe.

At Bridge 6, on West Drive, near Sheepfold, cut out all old mortar, cleaned walls, and laid 2,973 square feet of cement plastering in two coats, laid 1,716 cubic feet of concrete, cut through 8 feet of stone wall, laid 64 feet of 8-inch drain-pipe, laid 231 cubic yards of dry stone filling and reset 64 feet of gutter stone.

Excavated 165 cubic yards of earth and laid 752 cubic feet of stone foundation for new gentlemen's cottage at Mount Morris Park.

Plumbers' Work.

Attended to the repair of urinals, water-closets, street washers, fountains and bursts in Croton water-pipes at various points throughout the Central and City Parks and Riverside Park.

Riverside Avenue.

The work of completing the unfinished portion of the avenue, between Eighty-fifth and Eighty-eighth streets, is being prosecuted under contract.

The filling and walls are mainly completed and the superstructure of roadway and walks are now in progress.

The quantities of work done since June 30, 1888, are:

12,500 cubic yards filling furnished.
300 lineal feet new curb stone set.
3 road basins rebuilt.
985 square feet new flagging laid.
992 square feet old flagging laid.

The Morningside Park.

The works being prosecuted under contract are, viz.:

1. The furnishing, filling and building foundation walls, etc., and was in progress previous to June 30, 1888.

2. The construction of receiving-basins and inlets for walk and surface drainage, under contract dated July 30, 1888, work upon which was commenced on August 17, 1888.

3. The erection of blue-stone steps and foundations, etc., under contract executed July 30, 1888, work commenced August 23, 1888.

The quantities of work done under these several contracts are:

17,500 cubic yards filling furnished.
2,600 cubic yards foundation walls built.
44 walk-basins built.
11 surface basins built.
7 inlet basins built.
110 cubic yards rubble-stone masonry in foundation for steps.
912 lineal feet blue-stone steps set.

The work being done by men in the employment of the Department, who are under the supervision of the Superintendent of Parks, has been upon the excavation of rock along One Hundred and Twenty-third street, excavation and substructure of walks, shaping of the grounds and rockwork, masonry for foundation of coping around Esplanade at One Hundred and Sixteenth street, and the laying of drain-tiles and pipes.

62 cubic yards rubble masonry in foundation wall has been laid.
1,728 lineal feet of drain-pipe, from 4-inch to 10-inch diameter, and 1,720 lineal feet of 2-inch and 3-inch drain-tiles have been laid.

Repairs of the Battery Sea Wall, and Repairing the Walk in connection.

The work of repairing the wall, etc., which was commenced by the contractor, June 4, has been completed. The work done during the quarter has been:

41.26 cubic yards wall taken down and rebuilt.
262 lineal feet of wall underpinned.
362.18 lineal feet of coping reset.
821 lineal feet of wall joints filled and pointed.
112.01 cubic yards of concrete put in.
500.81 square yards of new rubble-stone pavement.
383.67 square yards of old rubble-stone pavement relaid.

The work of repairing walk was commenced August 20, under a contract executed May 28, 1888, and is nearly completed. 30,000 square yards pavement of concrete and mortar of Portland cement have been laid.

Setting Curb-stones, Repairing and Resurfacing Roadway, etc., of Seventy-second Street, between Eighth and Tenth Avenues.

A contract for this work was executed August 15, 1888, and work was commenced August 27, 1888, and is still in progress. The work done to September 30, have been—

14,000 lineal feet new curb-stones furnished and set.
800 cubic yards of excavations for tree holes, etc.
1,300 cubic yards of mould furnished for tree holes, etc.

HARLEM RIVER BRIDGES.

Third Avenue Bridge.

A contract for the renewal of the flooring of this bridge was executed on July 30, and the contractor has been notified to begin work on October 3, 1888.

Central Bridge.

The work of repairs to the draw-span has been completed, and also the contract for the renewal of the easterly approach which was in progress on July 1, was completed on July 25, and consisted of an entire new superstructure above the floor beams, viz.:

178 lineal feet of two courses of flooring of roadway.
490 lineal feet of two courses of flooring of foot-walks.
367 lineal feet of guard timbers.
490 lineal feet of fence or screen.
356 lineal feet of hand-railing.
Spiking of 178 lineal feet floor beams and new gate.

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

Park Vertical Way, etc., on Southerly Side of One Hundred and Tenth Street.

The contract for this work was executed on July 30, 1888, and the work was commenced on August, and is still in progress.

The work done is:

771 lineal feet of wall complete.
1,397 lineal feet of wall, except coping, pointing, etc.
5 piers complete.

Erection of Retaining-walls in Transverse Road No. 2.

The contract for this work was executed July 18, 1888, and commenced on August 30. The work done has been—

90.00 cubic yards of masonry in foundation and one faced wall.

Engineer Corps and Inspectors.

The present force is:

1 Engineer of Construction.
2 Assistants.
1 Draughtsman.
5 Axemen.
6 Inspectors.

During the last quarter, as heretofore, the work of destroying noxious insects parasitic upon the valuable plantations of the Central and city parks, has been continued, and the most effective work has been accomplished with the valuable spraying machine now owned by the Department.

The Elm Beetle, formerly uncontrollable, has been very successfully dealt with in the application of insecticides with this machine. The spray being so very fine and the force so great, it is now an easy matter to penetrate the heretofore inaccessible foliage, and the entire surface of the leaves can now be most successfully covered with the poison used.

Notwithstanding the fact that the machine was received four weeks later than the time the first application should have been made, the trees, in most cases, were entirely preserved, save a few on Riverside Drive.

The machine has been and is now being used for the destruction of scale insects, coccus and other minute parasites infesting the trunk, limbs and branches of trees and shrubs.

At present the number of noxious insects classified and named as destructive to the foliage of our city parks is nearly 1,300 species; and there seems to be very few, if any, plants exempt from their ravages.

The Orgyia has been more abundant this year than usual, as also the web-spinners, defoliating many of our most valuable trees, and rendering them unsightly with their webs. These, as with the cocoons and egg-masses, have been removed as fast as was possible with the force employed two men with myself.

Insects of about forty species have been very abundant during the past quarter, and have demanded extra exertions on the part of those in charge in order to keep them in proper subjection.

Nearly 19,000 trees have been treated with the insecticides, consisting of London purple, paris green, polysolve, bisulphide of carbon, crude carbolic, cyanide of potassium, veratrum album, pyrethrum, sulphur, etc., as experience has shown to be most effective in each case, and the continual experimenting has proved their efficiency and the fine foliage of our parks the successful treatment.

Central Park—In the Central Park the work has been very thoroughly prosecuted, and the trees show a measure of growth and vigor not surpassed by any preceding year. Nearly 13,000 trees have been cleaned of scale insects, orgyia cocoons and egg-masses, dotorias, hyphontrias, elm beetles, ichthura, coccus and other insects injurious and in masses. The Terrace Bridge and Mall ornaments have been given a thorough cleaning. The trees on the Mall have been cleaned of cocoons seven times during the past quarter, thus keeping them in the best condition during the season of music and at such times as the people congregated. All the drives and principal walks have been gone over every week, and unsightly webs removed. Masses of larvæ have been taken from many trees, aggregating in weight over ten pounds. All larvæ defoliating the trees have been kept in subjection by rigid watchfulness and removed before they attained destructive proportions; and so with the elm beetle, as soon as the eggs were discovered. The portion of the tree containing them has been thoroughly poisoned, thus destroying them in their first stages, and preventing their undue increase. Nearly 500 trees of pinus strobus have been treated for chermes with marked success, and so with scale insects. The 680 trees treated have in many instances started a new growth, and in the case of Aesculus have even bloomed after the parasites were destroyed, and the nourishing sap was allowed to supply the wants of the tree rather than myriads of hungry parasitic mouths. The spraying machine is absolutely a great success. It is doing the work of at least 7 men, with a saving of one-third of the insecticides used. The spray from it can be taken to the top of any of our tallest trees, and its fineness enables us to thoroughly reach all parts of the foliage successfully. The preparation of London purple has been very successful in preserving the foliage of many of our finest trees. All the vines on the Arsenal building, Fourth Avenue Tunnel and in the Central Park of ampelopsis have been kept in the best condition, and the larvæ of olypia, so abundant on these vines, were completely destroyed. In addition to the removal of the insects, a great many bushels of cocoons and egg-masses have been collected and destroyed, representing countless myriads of individuals in the embryo state, which if left to continue their lives and perpetuate their species, would in a short time be able to redefoliate the trees and shrubs of the plantations of the city parks. The bag worm, which at one time defoliated whole sections of our parks, and which were very abundant this year, have been collected and destroyed. Tools for this special work are used, and the cases are collected in baskets and destroyed by fire.

Owing to the successful treatment of noxious insects, the trees are abundantly supplied with most luxurious foliage and an abundant harvest of fruit, a convincing conclusion as to the effectiveness of the work in this Department.

Washington Square—In Washington Square all the trees affected with scale insects and coccus have been treated with the polysolve preparations, and the trees affected with the elm beetle have been sprayed with London purple. The cocoon and egg-masses of orgyia have been removed as have the webs of elisiocompa and ichthyura.

Union Square—In Union Square all the trees have been given careful attention in the removal of cocoons, syringing and use of polysolve for the destruction of scale insects.

Madison Square—The trees in Madison Square have been given the usual attention, the removal of cocoons and debris, the destruction of scale insects and the poisoning of the foliage for the leaf destroyers. In addition, the horse-chestnuts on the Worth Monument Plaza have had a very thorough cleaning of cocoons, and the entire tree-trunk of each tree given a thorough wash with polysolve. These trees have, during the past season, shown a marked improvement in growth and appearance.

Riverside Park—All the trees have been examined in Riverside Park. The cocoons and webs were removed and all trees given the treatment required in each case. All the elms on the Drive were three times syringed for the elm beetle. Owing to the lateness of the season when the machine

was received a number of the small elms on the Riverside Drive were badly defoliated; but after the first application of the London purple their ravages were checked, and the trees in a number of cases made a new growth.

Stuyvesant Squares—All the trees in Stuyvesant Squares have been treated and cleaned of cocoons, and have during the past year been in the best condition.

Tompkins Square—The cocoons have been removed from the trunks and branches, the debris of rags, strings, etc., cleared out, and a large number of elms treated for the scale insect and eriosoma.

Abingdon Square—Around this square twenty trees of ulmus have been treated for Riley's eriosoma, so destructive to young elms, causing them to be stunted in growth and covered with ugly excrescences. These were all successfully treated.

East River Park—In this park, so abundantly supplied with ailanthus trees, the destructive cynthia was most abundant, and of their cocoons a large amount were collected and destroyed, as also the cocoons and egg-masses of orgyia, and all trees affected with scale insects and eriosoma treated with polysolve and bisulphide mixtures.

Mount Morris Park—At the commencement of the past quarter all the shrubbery in this park was cleaned of the bag-worm, and from the west side alone over a bushel of the bag-worm cases were taken. All the elms were treated for the elm beetle and the cocoons removed, and plant lice so abundant on the crologogus and rosacroe in general were treated, as also the insects affecting the bark.

Bryant Square—This park was given a thorough cleaning and two hundred and six trees treated for scale insects; all cocoons and webs have been removed and for the further success of this work a number of the trees were being trimmed at the time, and the remaining portions of the trees were given a thorough wash with polysolve and bisulphide preparations.

Fifty-ninth street, from Fifth to Eighth avenue—All the trees on this street in need have been cleaned of cocoons, scale-insects and pulvoria innumeralis, so abundant on these maples. The trees have not presented a very good appearance from the fact of their being a smooth-leaved tree. The dust, etc., of a city interfere very materially with the action of the stainato, and therefore render the action of the leaves inadequate for the proper nourishment of these trees in this situation.

Fifty-ninth street and Fifth avenue plaza—All the trees on this plaza have been given the best attention and have made a strong growth, and the foliage has been in the best condition.

Eighth avenue, from Fifty-ninth to Seventy-second street—All the elms on this avenue have been given a wash of the polysolve preparation, as also those elms surrounding the plaza at Eighth avenue and Fifty-ninth street.

All the smaller squares and places have been given such attention as the force employed would allow, and the work in the Department has been vigorously prosecuted, as the foliage of our city parks will testify.

POLICE.

The force consists of—

Captain	1
Surgeon	1
Sergeants	6
Roundsmen	11
Patrolmen	181
Tailors	8
Laborers	2
Total force	210

Of this number, 4 Sergeants, 7 Roundsmen (1 of whom is mounted), 120 Patrolmen (including 15 mounted men), 6 Tailors and 1 Laborer perform duty in Central Park.

City Parks.

2 Sergeants, 4 Roundsmen and 61 Patrolmen perform duty in the various parks throughout the city; 2 Tailors perform duty at Riverside Park Sub-station, and 1 Laborer performs duty as a Watchman at Mount Morris Park.

Patrolmen on Riverside Park	16
“ Mount Morris Park	3
“ East River Park	2
“ Bryant Park	3
“ Madison Park	3
“ Union Park	3
“ Stuyvesant Park	3
“ Tompkins Park	5
“ Washington Park	5
“ City Hall Park	5
“ Battery Park	5
“ High Bridge Park	1
“ Morningside Park	1
“ Jackson Square Park	2
“ Canal and West streets Park	2
“ Jeannette Park	1
“ Sixty-fourth street and Ninth avenue Park	1
Total	61

Arrests for July, 1888.

Attempt to Pick Pockets—Committed for 3 months by Justice	1
Intoxication—Committed for 6 months by Justice	1
“ “ “ 3 “ “ “	1
“ “ “ 1 month “ “	1
“ “ “ 10 days “ “	1
“ “ “ 1 day “ “	1
“ Fined \$10 by Justice	5
“ “ 5 “ “	2
“ “ 3 “ “	1
“ Discharged “ “	2
Total	17

Drunk and Disorderly—Committed for 6 months by Justice	2
“ “ “ 3 “ “ “	6
“ “ “ 1 month “ “	9
“ “ “ 10 days “ “	2
“ Fined \$10 by Justice	9
“ “ 5 “ “	2
Total	30

Crime against Nature—Committed for 6 months by Justice	2
Disorderly Conduct—Committed for 6 months by Justice	2
“ “ “ 3 “ “ “	17
“ “ “ 1 month “ “	1
“ “ “ 30 days “ “	1
“ “ “ 10 “ “	6
“ Fined \$10 by Justice	4
“ “ 5 “ “	4
“ “ 1 “ “	2
“ Discharged “ “	9
Total	46

Vagrancy—Committed for 3 months by Justice	1
“ “ “ 2 “ “ “	1
“ “ to Charities and Correction by Justice	1
Total	3

Violation of Park Ordinances—Held in \$50 bail for trial by Justice	1
“ “ Committed for examination “	1
“ Fined \$10 by Justice	4
“ “ 5 “ “	3
“ “ 1 “ “	1
“ Discharged “ “	20
“ “ at Station	13
Total	43

Larceny—Discharged by Justice	2
Indecent Exposure—Committed for 6 months by Justice	1
“ “ “ 1 day “ “	1
“ Fined \$25 by Justice	1
“ Discharged “ “	1
Total	4

Assault and Larceny—Committed for 1 year by Justice	1
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Assault—Held in \$300 bail for trial by Justice	1
---	---

Robbery—Held in \$1,000 bail for trial by Justice	1
“ Discharged by Justice	2
Total	3

Swindling—Committed for 6 months by Justice	1
“ “ “ 1 “ “ “	2
Total	3

Suspicious Persons—Committed to care of Charities and Correction by Justice	1
“ Discharged at Station	4
Total	5

Attempted Suicide—Held for examination by Justice	1
---	---

Insanity—Committed to care of Charities and Correction by Justice	3
---	---

Males	138
Females	26
Total for July	166

Arrests for August.

Violation of Park Ordinance—Fined \$10 by Justice	2
“ “ “ 5 “ “ “	10
“ “ “ 3 “ “ “	13
“ “ “ 2 “ “ “	1
“ Discharged “ “	22
“ “ at Station	14
Total	62

Intoxication—Committed for 1 month by Justice	1
“ “ “ 3 days “ “ “	1
“ Fined \$10 by Justice	3
“ “ 5 “ “ “	10
“ “ 3 “ “ “	1
“ Discharged “ “	3
Total	19

Larceny—Held in \$1,500 bail for trial by Justice	1
“ “ for examination “ “	1
Total	2

Drunk and Disorderly—Committed for 3 months by Justice	11
“ “ “ 10 days “ “ “	1
“ “ “ examination “ “	1
“ Fined \$10 by Justice	5
“ “ 3 “ “ “	1
“ Discharged “ “	3
Total	22

Disorderly Conduct—Committed for 3 months by Justice	3
“ “ “ 1 month “ “ “	1
“ “ “ 5 days “ “ “	2
“ Fined \$10 by Justice	3
“ “ 5 “ “ “	2
“ Discharged “ “	10
Total	21

Assault—Held in \$300 bail for trial by Justice	1
“ Committed for 5 days by Justice	1
“ Fined \$10 by Justice	1
“ Discharged “ “	2
Total	5

Indecent Exposure—Committed for 6 months by Justice	1
“ Discharged by Justice	1
Total	2

Robbery—Committed for 1 year and fined \$100 by Justice	1
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Picking Pockets—Committed for 5 months by Justice	1
---	---

Reckless Driving—Discharged by Justice	4
--	---

Insanity—Committed to Charities and Correction by Justice	2
---	---

Suspicious Persons—Discharged by Justice	20
“ “ at Station	6
Total	26

Males	151
Females	16
Total for August	167

Arrests for September.

Larceny—Sentenced to State Prison for 3½ years by Justice	1
“ Committed for 10 days by Justice	1
“ Discharged by Justice	1
Total	3

Intoxication—Committed for 6 months by Justice	2
“ “ “ 4 “ “ “	1
“ “ “ 3 “ “ “	1
“ “ “ 1 month “ “ “	2
“ “ “ 5 days “ “ “	1

9 manhole heads.
40 wrought-iron steps.
30 granite special stones.
45 hammer dressed blue stone.
Representing 950 linear feet of sewer 7 feet 6 inches span.
Representing 40 linear feet of sewer 18-inch pipe.
Representing 40 linear feet of sewer 12-inch pipe.

Necessary repairs and improvements have been made on the following roads, streets and avenues in the Twenty-third and Twenty-fourth Wards during the three months ending September 30, 1888:

MACADAM ROADS.

Remacadamized.

	Square feet.
Riverdale avenue, between Hutchin's place and Broadway	58,400
Riverdale avenue, between Broadway and Bailey avenue	6,640
Kingsbridge road, between Fordham Square and Sedgwick avenue	66,890
Kingsbridge Square, between Riverdale avenue and bridge	5,880
Broadway, between Riverdale avenue to near Independence Hall	96,000
One Hundred and Thirty-eighth street, between Third and Railroad avenues	21,570
Mott avenue, between One Hundred and Thirty-eighth and One Hundred and Sixty-second streets	51,540
Westchester avenue, between draw-bridge and Southern Boulevard	35,835
Webster avenue, between Cole and Suburban streets	46,854
Highbridge road, between Sedgwick avenue and Northern Railroad	69,225
Fordham Square (west side)	8,227
Jerome avenue, between Southern Boulevard and William's Bridge	3,600

Total 451,661

New Macadam.

	Square feet.
Home street, from 900 feet east of Union avenue to Westchester	32,395
Jerome avenue, between Southern Boulevard and Williamsbridge road	31,200

Total 63,595

Macadam in Course of Construction.

	Square feet.
Broadway, near Independence Hall	3,000

Telford Pavement Laid.

	Square feet.
Riverdale avenue, between Broadway and Ewen's place	30,150
Kingsbridge Square, between Riverdale avenue and bridge	6,720
Highbridge road, between Sedgwick avenue and Northern Railroad	4,200
Home street, from 1,640 feet east of Union avenue to West Farms road	16,150
Westchester avenue, between Southern Boulevard and draw-bridge	882

Total 58,102

Regulated and Repaired the Road-bed on Both Sides Along Macadam Roads.

	Square feet.
Mott avenue, between One Hundred and Thirty-eighth and One Hundred and Sixty-second streets	60,000
One Hundred and Thirty-eighth street, between Third and Railroad avenue	5,600
Home street, between Union avenue and West Farms road	76,788
Westchester avenue, between draw-bridge and Southern Boulevard	38,502
Broadway, between Riverdale avenue and bridge	52,530
Riverdale avenue, between Hutchin's place and Bailey avenue	15,900
Webster avenue, between Cole and Suburban streets	17,700
Jerome avenue, between Southern Boulevard and William's Bridge	12,800
Kingsbridge road, between Fordham Square and Sedgwick avenue	21,100

Total 360,920

EARTH ROADS.

Repaired and Improved.

	Square Feet.
Riverdale Lane, east of Mosholu avenue	9,360
Sedgwick avenue, near Wood's lane	900
One Hundred and Seventy-ninth street, near Valentine avenue	1,674
Fordham Landing road	900
Walton avenue, north of One Hundred and Sixty-first street	32,000
One Hundred and Fifty-eighth street, east of Mott avenue	16,400
Riverdale lane, at Prime's place	11,360
Prospect avenue, between Main street and Boulevard	7,590
Tremont avenue, between Third avenue and Main street	5,400
One Hundred and Fifty-eighth street, east of Mott avenue	8,400
Cross street, between Main street and Boston avenue	10,160
Gerard avenue, near One Hundred and Sixty-first street	240
Fleetwood avenue, between One Hundred and Sixty-third and One Hundred and Sixty-fourth streets	150
Popham street, west of Mott avenue	14,700
One Hundred and Seventy-third street, east of Morris avenue	2,750
Wood's lane, near Sedgwick avenue	8,000
Lillian place, near Cross street	1,800
Sedgwick avenue, south of Northern Boulevard	42,000

Material from the Aqueduct shafts and other quarries has been used in repairing the following streets—

Sedgwick avenue, between Jerome and Lind avenues	5,500
Ogden avenue, between Devoe and Orchard streets	24,000
One Hundred and Sixty-first street, west of Mott avenue	1,400
Samuel street, between Southern Boulevard and Prospect avenue	6,000
Bergen avenue, between One Hundred and Fifty-second and One Hundred and Fifty-third streets	1,200
One Hundred and Sixty-first street, between Walton and Gerard avenues	440
One Hundred and Sixty-first street, between River and Gerard avenues	400
Walton avenue, between One Hundred and Sixty-second and One Hundred and Sixty-third streets	2,400
Walton avenue, between One Hundred and Sixty-first and One Hundred and Sixty-second streets	6,600
Riverdale lane, east of Mosholu avenue	24,320
Devoe street, between Ogden and Lind avenues	27,500
Lind avenue, between Devoe and Union street	15,750
Lind avenue, between Devoe and Wolf street	3,000
McComb's Dam road, near Featherbed lane	39,000
One Hundred and Sixty-second street, east and west of Mott avenue	8,500
Bailey avenue, north and south of Kingsbridge road	13,174
Independence avenue, between Spuyten Duyvil Depot and Sidney street	20,160
One Hundred and Eighty-fourth street, between Creston and Valentine avenues	1,200
Spuyten Duyvil road, between Ball's and Kellogg's places	684
Mosholu avenue, east of Broadway	21,000
Sidney street, near Spuyten Duyvil road	16,500
South street, Riverdale	2,100
Randolph's lane, between Riverdale avenue and Betner's lane	36,000
Betner's lane, near Babcock's place	33,300
Gun Hill road, east of Grand avenue	6,565
Palisade avenue, Riverdale	3,900
West street, Riverdale	5,775
Albany avenue, west of Bailey avenue	4,200

Total 380,433

HOLES AND WASHOUTS.

Holes and Washouts Filled in and Repaired.

In front of No. 848 East One Hundred and Seventieth street.
Tremont avenue and Boston road.
Alexander avenue, between One Hundred and Thirty-eighth and One Hundred and Thirty-ninth streets.

Jefferson street, near Franklin avenue.
East side Third avenue, between One Hundred and Thirty-fifth and One Hundred and Thirty-seventh streets.

Courtland avenue and One Hundred and Forty-eighth street.
One Hundred and Fifty-third street and Morris avenue.
Morris avenue at One Hundred and Fifty-sixth street.
Courtland avenue, between One Hundred and Fifty-first and One Hundred and Fifty-third streets.

One Hundred and Seventy-seventh street and Jerome avenue.
Sedgwick avenue, near Wood's lane.
One Hundred and Seventy-seventh street and Main street.
Arthur avenue and One Hundred and Seventy-seventh street.
Quarry road and Third avenue.
Westchester avenue and White's lane.
One Hundred and Sixty-second street and Morris avenue.
Walton avenue and One Hundred and Seventy-fifth street.
One Hundred and Sixty-fourth street, near Mott avenue.
Springhurst road and Southern Boulevard.
In front of No. 1131 Washington avenue.
Bergen avenue and Grove street.
West side of Third avenue, between One Hundred and Sixty-fifth and One Hundred and Sixty-eighth streets.

Robbins avenue, between One Hundred and Fiftieth and One Hundred and Fifty-first streets.

Southern Boulevard and St. Ann's avenue.

One Hundred and Forty-ninth street and Bergen avenue.

One Hundred and Sixty-first street and Gerard avenue.

One Hundred and Eighty-fourth street, East Sedgwick avenue.

Spuyten Duyvil depot.

West Farms Square.

Independence avenue, near Spuyten Duyvil.

One Hundred and Forty-first street and Rider avenue.

Sedgwick avenue and Wolf street.

Fulton avenue and Spring place.

One Hundred and Sixty-fifth street and Jackson avenue.

In front of No. 1363 Fulton avenue.

College avenue and One Hundred and Forty-third street.

Mott avenue and One Hundred and Fifty-seventh street.

One Hundred and Thirty-fifth street and Brook avenue.

One Hundred and Seventy-ninth street and Tiebout avenue.

Pelham avenue and Southern Boulevard

Third street and Opdyke avenue, Woodlawn.

Highbridge road West Sedgwick avenue.

Fleetwood avenue and One Hundred and Sixty-fourth street.

One Hundred and Thirty-eighth street and Mott Haven Canal.

One Hundred and Seventy-ninth street and Morris avenue.

Gun Hill road and Grand avenue.

Bailey avenue and Kingsbridge road.

Boston avenue, near Home street.

GUTTERS.

Gutters Opened on

	Lineal feet.
Mott avenue, between One Hundred and Thirty-eighth and One Hundred and Fifty-eighth streets	7,240
Ogden avenue, between Wolf and Devoe streets	500
Ogden avenue, between Wolf and Orchard streets	300
Jerome avenue, between Kingsbridge road and McComb's Dam	25,000
One Hundred and Sixty-third street, between Port Morris Railroad and Courtland avenue	600
One Hundred and Sixty-third street and Courtland avenue	30
Courtland avenue, between One Hundred and Fifty-sixth and One Hundred and Sixty-second streets	1,060
One Hundred and Forty-fourth street, between Mott and Fourth avenues	600
Home street, between Stebbins and Union streets	500
Robbins avenue, between One Hundred and Fiftieth and One Hundred and Fifty-first streets	20
Webster avenue, between Suburban and Fordham Square	5,300
Riverdale avenue, near Iron bridge	1,200
Riverdale lane, near Prime's	515
McComb's Dam road, between Jerome avenue and Featherbed lane	800
One Hundred and Fifty-eighth street, east of Mott avenue	1,480
Kingsbridge road, between Jerome avenue and Highbridge road	5,180
Highbridge road, between Jerome avenue and Kingsbridge road	4,230
Westchester avenue, between Drawbridge and Boulevard	3,500
Mott avenue, near One Hundred and Fifty-eighth street	3,000
Walton avenue, near One Hundred and Sixty-first street	1,600
One Hundred and Sixty-first street, west of Mott avenue	2,100
Alexander avenue, near Southern Boulevard	300
College avenue, between One Hundred and Forty-first and One Hundred and Forty-fifth streets	1,390
One Hundred and Forty-fifth street, between Brook and Willis avenues	700
Washington avenue, between One Hundred and Seventy-seventh and One Hundred and Seventy-eighth streets	400
In front of No. 1432 Franklin avenue	50
Fulton avenue, between One Hundred and Sixty-seventh and One Hundred and Sixty-eighth streets	2,400
One Hundred and Seventy-fifth street and Washington avenue	80
One Hundred and Fifty-sixth street and Morris avenue	80
Tinton avenue and One Hundred and Sixty-first street	95
Grove street, between Brook and Third avenues	800
Denman Place, near Bungay Creek	100
One Hundred and Fifty-second street and Fourth avenue	90
Vanderbilt avenue, between One Hundred and Seventy-seventh and One Hundred and Seventy-eighth streets	425
Morris avenue, between One Hundred and Forty-first and One Hundred and Forty-sixth streets	1,200
Spring place, between Third and Fulton avenues	900
Tremont avenue, between Third avenue and Main street	1,890
One Hundred and Sixty-second street, east and west of Mott avenue	1,560
Prospect avenue, between Main street and Boston road	506
Cross street, between Main street and Boston avenue	508
One Hundred and Fifty-eighth street, east of Mott avenue	1,480
One Hundred and Forty-second street, between Morris and College avenues	60
One Hundred and Forty-sixth street, between Morris and College avenues	350
Fleetwood avenue and One Hundred and Seventy-sixth street	800
Prospect avenue, between One Hundred and Seventy-seventh street and Woodruff avenue	500
Anthony avenue, south of Tremont avenue	500
Gerard avenue, south of One Hundred and Sixty-first street	300
Popham street, west of Mott avenue	2,300
Gun Hill road, near Grand avenue	1,850
Morris avenue, near One Hundred and Seventy-sixth street	500
Berrian avenue, between Suburban street and Williamsbridge	600

Total 68,095

CURB AND GUTTERS.

Gutter-stone Relaid.

	Lineal feet.
Third avenue and One Hundred and Forty-sixth street	40
Third avenue and One Hundred and Forty-seventh street	78
One Hundred and Forty-ninth street and Bergen avenue	20
Independence avenue, near Spuyten Duyvil Depot	215
Betner's lane at Babcock's place	215

Curb and Gutter Relaid.

One Hundred and Fifty-second street and College avenue	30
Riverdale, near Prime's place	630

Total 1,228

CROSSWALKS.

Crosswalk Relaid.

	Lineal feet.
One Hundred and Forty-fourth street and Mott avenue.....	64
Third avenue, between One Hundred and Forty-second and One Hundred and Forty-third street.....	18
One Hundred and Fifty-first street and Morris avenue.....	20
Southeast corner Third avenue and Spring place.....	32
Kingsbridge road and Fordham Square.....	160
One Hundred and Sixty-seventh street and Third avenue.....	30
One Hundred and Sixty-seventh street and Fulton avenue.....	40
Franklin avenue and One Hundred and Sixty-seventh street.....	30
Alexander avenue and One Hundred and Thirty-sixth street.....	8
Washington avenue and One Hundred and Seventy-eighth street.....	20
Brook avenue and One Hundred and Fortieth street.....	130

Total.....552

Sidewalk Repaired.

	Lineal feet.
Riverdale avenue, west of Bailey avenue.....	316
Westchester avenue and Southern Boulevard.....	20
Mott avenue and One Hundred and Fifty-eighth street.....	16
One Hundred and Thirty-eighth street and Madison Avenue Bridge.....	12
Denman place and Tinton avenue.....	10
Home street and Southern Boulevard.....	100
Betner's lane near Babcock's.....	310

Total.....784

Pavement Relaid over Sewer and Croton Connections.

	Square feet
West side of Third avenue, 160 feet south of One Hundred and Fifty-eighth street.....	80
In front of No. 3197 Third avenue.....	90
Southwest corner Courtland avenue and One Hundred and Forty-ninth street.....	60
Southwest corner Courtland avenue, 75 feet south of One Hundred and Fifty-third street.....	40
Northeast corner One Hundred and Thirty-ninth street and Willis avenue.....	150
Southeast corner One Hundred and Thirty-fifth street and Rider avenue.....	80
West side of Third avenue, 80 feet south of One Hundred and Fifty-fifth street.....	186
West side of Third avenue, 75 feet north of One Hundred and Sixty-fourth street.....	90
In front of No. 207 Alexander avenue.....	120
In front of No. 487 East One Hundred and Thirty-fourth street.....	48
In front of No. 2893 Third avenue.....	108
West side of Lincoln avenue, 45 feet North of One Hundred and Thirty-fourth street.....	128
West side of Courtland avenue, 25 feet south of One Hundred and Fifty-third street.....	96
In front of No. 3474 Third avenue.....	72
Repaving Willis avenue, at One Hundred and Thirty-fifth street.....	360
Northeast corner Third and Franklin avenues.....	18
West side of Third avenue, at One Hundred and Sixty-fourth street.....	60

Repaired.

West side Third avenue, between One Hundred and Sixty-sixth and One Hundred and Sixty-seventh streets.....	260
Southeast corner Third avenue and Spring place.....	180
Courtland avenue and One Hundred and Forty-ninth street.....	100
Alexander avenue, between One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets.....	135
Alexander avenue, at One Hundred and Thirty-sixth street.....	40
West side Third avenue, between One Hundred and Forty-second and One Hundred and Forty-fourth streets.....	510
East side Third avenue, between One Hundred and Forty-second and One Hundred and Forty-ninth streets.....	1,790
Lincoln avenue, at One Hundred and Thirty-fourth street.....	60
Willis avenue and One Hundred and Thirty-ninth street.....	36
Willis avenue and One Hundred and Thirty-sixth street.....	272
In front of No. 3409 Third avenue.....	104
One Hundred and Thirty-fifth street and Third avenue.....	240
Third avenue, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets.....	432
East side Third avenue, between One Hundred and Fifty-fifth and One Hundred and Fifty-sixth streets.....	975
West side Third avenue, at One Hundred and Fifty-seventh street.....	80

Total.....7,000

BRIDGES.

Repaired Bridge on

Denman place and Tinton avenue.
One Hundred and Sixty-fifth street, over Cromwell Creek.
One Hundred and Sixty-first street, over Cromwell Creek.
Westchester avenue, over Bronx river.
Fordham Square, over Mill brook.
Union avenue, at One Hundred and Sixty-seventh street.
Farmers' Bridge, Harlem river.
One Hundred and Seventy-fifth street, over Mill brook.
Wood's lane, over Brook.
One Hundred and Forty-fourth street, over Ice Pond brook.

Sprinkling

Jerome avenue. Riverdale avenue.
Broadway. South street, Riverdale.
River street, Riverdale. Palisade avenue.
Home street.

Weeds Cut on

Jerome avenue, near One Hundred and Seventy-seventh street.
Jerome avenue, at One Hundred and Sixty-fifth street.
Vanderbilt avenue, near One Hundred and Seventy-seventh street.
Sedgwick avenue and One Hundred and Eighty-fourth street.
Fulton avenue and One Hundred and Sixty-seventh street.

Trees.

Cut out one tree on Rider avenue and One Hundred and Forty-fourth street.
Cut out one tree on Grand avenue.
Trimmed one tree on northwest corner Teller avenue and One Hundred and Sixty-third street.
Trimmed one tree on Fourth avenue, No. 1825.

Retaining-wall Repaired

Third and Brook avenue.
Bergen avenue and One Hundred and Forty-ninth street.
Mott avenue and One Hundred and Fifty-eighth street.

SEWERS AND DRAINS.

Sewers Cleaned in

	Lineal feet.
One Hundred and Forty-second street, between Brook and Willis avenues.....	200
College avenue, between One Hundred and Forty-third and One Hundred and Forty-fifth streets.....	250
One Hundred and Forty-third street, between College and Rider avenues.....	60
Third avenue, between One Hundred and Thirty-fifth street and Boulevard.....	645
One Hundred and Thirty-fifth street, between Third and Lincoln avenues.....	350
Lincoln avenue, between One Hundred and Thirty-fifth and One Hundred and Thirty-sixth streets.....	60
One Hundred and Forty-fifth street and Brook avenue.....	40
One Hundred and Thirty-fifth street and Brook avenue.....	30
One Hundred and Thirty-eighth street and Brook avenue.....	30
One Hundred and Fiftieth street and Brook avenue.....	45
One Hundred and Fiftieth street and Harlem river.....	30

Total number lineal feet sewer cleaned.....1,770

Stone Drains Cleaned and Repaired.

Lineal feet.

Melrose avenue, between One Hundred and Sixty-first and One Hundred and Sixty-second streets.....	30
Walton avenue, near One Hundred and Sixty-first street.....	15
One Hundred and Sixty-eighth street, between Third and Franklin avenues.....	185
Westchester avenue, near Home street.....	50
Kingsbridge road, at Bayard street.....	67
Kingsbridge road and Marion avenue.....	60
Kingsbridge road, at Camman's.....	30
Kingsbridge road, near Jerome avenue.....	108
Kingsbridge road, near Sedgwick avenue.....	130
Melrose avenue, between One Hundred and Sixty-first and One Hundred and Sixty-second streets.....	80
One Hundred and Sixty-first street and Tinton avenue.....	60
One Hundred and Fifty-second street and Morris avenue.....	95
One Hundred and Sixty-eighth street and Franklin avenue.....	40
Popham street and Jerome avenue.....	48
Washington avenue and One Hundred and Seventy-seventh street.....	40
Bathgate avenue and One Hundred and Seventy-seventh street.....	30
Valentine avenue, between One Hundred and Seventy-ninth and One Hundred and Eightieth streets.....	30
Washington avenue and One Hundred and Seventy-fifth street.....	20
Mott avenue and One Hundred and Fiftieth street.....	90
Jerome avenue, at Ogden avenue.....	240
One Hundred and Eighty-third street and Bathgate avenue.....	40
Prospect and Woodruff avenues.....	60

Total lineal feet of stone drains repaired and cleaned.....1,548

PIPE-DRAINS.

Pipe-drains Cleaned.

	Lineal feet.
One Hundred and Thirty-fifth street, near Lincoln avenue.....	30
Melrose avenue and One Hundred and Fifty-fifth street.....	36
Courtland avenue, between One Hundred and Fifty-eighth and One Hundred and Fifty-ninth streets.....	80
One Hundred and Forty-second street, between Rider and Morris avenues.....	60
One Hundred and Forty-eighth street, at Morris avenue.....	90
One Hundred and Seventieth street and Third avenue.....	28
John street, between St. Ann's and Brook avenues.....	295

Total lineal feet of pipe-drain cleaned.....619

Pipe-drains Repaired.

	Lineal feet.
One Hundred and Sixty-first street and Denman place.....	25
One Hundred and Seventy-fifth street and Webster avenue.....	75
Courtland avenue and One Hundred and Fifty-eighth street.....	50

Total lineal feet pipe-drain repaired.....150

BOX-DRAINS.

Box-drains Set.

	Lineal feet.
North side of One Hundred and Sixty-eighth street and Fulton avenue.....	36
Devoe street and Lind avenue.....	24
Walton avenue, north of One Hundred and Sixty-second street.....	24
Morris avenue and One Hundred and Fifty-second street.....	51
No. 1908 Washington avenue.....	48
Mott avenue and One Hundred and Sixty-third street.....	15
Fleetwood avenue and Prospect street.....	24

Total number of lineal feet box-drains set.....222

Box-drains Cleaned.

Courtland avenue, at One Hundred and Sixtieth street.....	30
One Hundred and Seventy-sixth street and Jerome avenue.....	100
Morris avenue, between One Hundred and Fifty-first and One Hundred and Fifty-third street.....	120
Morris avenue, at One Hundred and Forty-ninth street.....	40
One Hundred and Sixty-eighth street, at Franklin avenue.....	30
College and Morris avenues.....	54
Morris avenue, between One Hundred and Forty-ninth and One Hundred and Fifty-third streets.....	80
Fourth avenue and One Hundred and Seventy-second street.....	36
One Hundred and Fifty-first street and Morris avenue.....	45

Total lineal feet box-drains cleaned.....525

Box-drains Repaired.

One Hundred and Seventy-sixth street, at Popham street.....	22
Popham street and Jerome avenue.....	48
East side Morris avenue and One Hundred and Forty-second street.....	24
Bathgate avenue and One Hundred and Eighty-third street.....	46
Fourth avenue and One Hundred and Seventy-first street.....	30

Total lineal feet of box-drains repaired.....190

RECEIVING-BASINS.

Receiving-basins Cleaned.

Alexander avenue and One Hundred and Thirty-seventh street.....	1
Alexander avenue, between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth streets.....	3
Lincoln avenue and Southern Boulevard.....	1
One Hundred and Forty-third street and College avenue.....	1
One Hundred and Forty-fourth street and College avenue.....	1
One Hundred and Forty-fifth street and College avenue.....	1
Third avenue and Southern Boulevard.....	4
Courtland avenue and One Hundred and Forty-eighth street.....	2
Third avenue, at Mott's foundry.....	1
Third avenue and One Hundred and Forty-eighth street.....	1
Third avenue and One Hundred and Forty-ninth street.....	1
Third avenue and One Hundred and Seventieth street.....	2
Third avenue and One Hundred and Fiftieth street.....	2
Third avenue and One Hundred and Thirty-sixth street.....	2
Third avenue and One Hundred and Thirty-eighth street.....	3
Third avenue and One Hundred and Thirty-fifth street.....	2
Third avenue and One Hundred and Fifty-first street.....	1
Third avenue and One Hundred and Fifty-second street.....	3
Elton avenue and One Hundred and Fifty-third street.....	2
Third avenue and One Hundred and Thirty-ninth street.....	2
Third avenue and One Hundred and Forty-first street.....	3
Third avenue, opposite Grove street.....	1
Third avenue and One Hundred and Fifty-fourth street.....	2
Third avenue and One Hundred and Forty-second street.....	1
Cliff street and St. Ann's avenue.....	2
Third avenue and One Hundred and Sixty-third street.....	2
Teasdale place and Boston avenue.....	1
Courtland avenue and One Hundred and Forty-ninth street.....	1
One Hundred and Forty-ninth street and Eagle avenue.....	1
One Hundred and Sixty-third street and Washington avenue.....	1
One Hundred and Sixty-sixth street and Washington avenue.....	1
Third avenue and One Hundred and Sixty-ninth street.....	2
Vanderbilt avenue and One Hundred and Seventy-seventh street.....	4
One Hundred and Sixty-fifth street and Third avenue.....	2
One Hundred and Sixty-ninth street and Washington avenue.....	4
Courtland avenue and One Hundred and Fifty-fourth street.....	1
Courtland avenue and One Hundred and Fiftieth street.....	1

Third avenue and One Hundred and Sixty-eighth street	2
One Hundred and Fifty-second street and Melrose avenue	1
Brook avenue and One Hundred and Forty-fourth street	1
Marion avenue and Kingsbridge road	1
One Hundred and Forty-fourth street and Willis avenue	4
One Hundred and Forty-fifth street and Willis avenues	4
One Hundred and Sixty-first street and Third avenue	3
Willis avenue and One Hundred and Forty-second street	1
Willis avenue and One Hundred and Forty-sixth street	2
Willis avenue and One Hundred and Forty-third street	2
One Hundred and Thirty-ninth street and Alexander avenue	1
Willis avenue and One Hundred and Forty-first street	2
Alexander avenue and Southern Boulevard	1
Alexander avenue and One Hundred and Thirty-sixth street	2
Alexander avenue and One Hundred and Thirty-seventh street	2
One Hundred and Thirty-ninth street, between Brook and Willis avenues	1
Rae street and St. Ann's avenue	1
One Hundred and Sixty-first street and St. Ann's avenue	2
One Hundred and thirty-fourth street and Third avenue	1
One Hundred and thirty-fifth street and Lincoln avenue	1
Fourth avenue and One Hundred and Seventy-seventh street	3
One Hundred and Sixty-second street and Melrose avenue	1
St. Ann's avenue and John street	1
Third and Courtland avenues	1
Third avenue and One Hundred and Seventieth street	3
One Hundred and Sixty-ninth street and Fulton avenue	1

Total number basins cleaned..... 110

Repaired Receiving-basins.

One Hundred and Sixty-eighth street and Third avenue.
One Hundred and Sixty-first street and Cauldwell avenue.
Repaired trap on basin northwest corner Third avenue and One Hundred and Thirty-fourth street.
Cleaned manhole, Third avenue and One Hundred and Seventieth street.
Rebuilt manhole, Melrose avenue and One Hundred and Fifty-fifth street.

CULVERTS.

Culverts Cleaned and Repaired.

	Lineal feet.
River street, north of South street	35
River street, near Diefendorf's	59
Tiebout avenue and Highbridge road	30
River street, at Betner's lane	20
Kingsbridge and Highbridge road	34
One Hundred and Sixty-first street and Walton avenue	40
Jerome avenue, at One Hundred and Eighty-fourth street	110
One Hundred and Sixty-first street and Gerard avenue	30
Highbridge road, west of Sedgwick avenue	30
Popham street and Jerome avenue	39

Total..... 427

Culverts Built.

	Lineal feet.
Oliff Park road and Sedgwick avenue	39
Lind avenue and Devoe street	10
Riverdale lane, at James'	21
Riverdale lane, at Prime's	10
Highbridge road, at Sedgwick avenue	30
Wood's lane, at Sedgwick avenue	8

Total..... 118

Recapitulation.

451,661 square feet remacadamized.
63,595 square feet of new macadam.
3,000 square feet of macadam in course of construction.
58,102 square feet of Telford pavement laid.
360,920 square feet of roadbed on sides of macadam.
380,433 square feet of earth-roads repaired.
51 holes and washouts filled in in different places.
68,095 lineal feet of gutters opened.
1,228 lineal feet of curb and gutter-stone set.
552 lineal feet of crosswalks relaid.
784 lineal feet of sidewalks repaired.
7,000 square feet of pavement relaid.
10 bridges repaired.
7 different streets sprinkled.
Cut weeds on 5 different places.
4 trees cut out and trimmed.
Retaining wall repaired.
1,770 lineal feet of sewer cleaned.
1,548 lineal feet of stone-drain cleaned and repaired.
619 lineal feet of pipe-drain cleaned.
150 lineal feet of pipe-drain repaired.
222 lineal feet of box-drains set.
525 lineal feet of box-drains cleaned.
190 lineal feet of box-drains repaired.
110 receiving-basins cleaned.
545 lineal feet of culvert cleaned, repaired and built.
393 notices of permits and 132 police complaints received and attended to.

Statement showing the Number of Days of the Working Force employed in the Twenty-third and Twenty-fourth Wards for the Quarter ending September 30, 1888.

MONTH.	Superintendent.	Foreman.	Skilled Laborer.	Paver.	Carpenter.	Janitress.	Draw Tender.	Messenger.	Blacksmith.	Helper.	Sewer Laborer.	Driver.	Cart.	Double Team.	Laborer.
July.....	31	148	74	45	25	31	31	24	25	24	145¾	25	24½	735	3,142
August	31	162	90	52	27	31	31	27	26½	27	224	27	26	791¼	3,610¾
September...	30	141	100½	45¾	25	30	30	24	22	22½	203¾	25	24	755¼	3,302¾

Statement showing the Average Working Force, per day, employed in the Twenty-third and Twenty-fourth Wards for the Quarter ending September 30, 1888.

MONTH.	Superintendent.	Foreman.	Skilled Laborer.	Paver.	Carpenter.	Janitress.	Draw Tender.	Messenger.	Blacksmith.	Helper.	Sewer Laborer.	Driver.	Cart.	Double Team.	Laborer.
July.....	1	52½	22½	12½	1	1	1	2½	1	2½	52½	1	24½	29½	125½
August	1	6	32½	12½	1	1	1	1	26½	1	82½	1	26	29½	133½
September.....	1	52½	42½	12½	1½	1	1	1	22	22½	82½	1½	1	31½	133½

Statement showing the Working Force employed in the Twenty-third and Twenty-fourth Wards, at the end of the Third Quarter, 1888.

Superintendent.	Foreman.	Skilled Laborer.	Paver.	Carpenter.	Janitress.	Draw Tender.	Messenger.	Blacksmith.	Helper.	Sewer Laborer.	Driver.	Cart.	Double Team.	Laborer.
1	6	4	2	1	1	1	1	1	1	9	1	1	32	146

SURVEYING, LAYING-OUT AND MONUMENTING.

Office Work.

- A. Maps forwarded for adoption :
1. Map or plan showing change of street system in the Fordham Heights District, between Kingsbridge road and Fordham road, and from Sedgwick avenue to Aqueduct avenue.
 2. Plan and profile of East One Hundred and Seventy-fifth street, from Carter avenue to Southern Boulevard.
 3. Map or plan showing change of line in Decatur avenue, between Isaac and Travers streets.
 4. Plan and profile of Birch street, from Wolf street to Marcher avenue.
 5. Plan and profile of Boscobel avenue, from the eastern approach to the Bridge over the Harlem river at West One Hundred and Eighty-first street to Jerome avenue.
 6. Map or plan showing the discontinuing and closing of an unnamed street between Riverview Terrace and Commerce avenue.
 7. Map or plan showing the proposed High Bridge Park in the Twelfth Ward.
 8. Plan and profile of Robbins avenue, from the Southern Boulevard to East One Hundred and Forty-first street.
 9. Plan and profile showing Teller avenue, from Railroad avenue, West, to East One Hundred and Sixty-fifth street, and East One Hundred and Sixty-third street, from Railroad avenue, West, to Morris avenue.
 10. Map or plan showing changes in that part of the Hunt's Point District lying between George street, Franklin avenue, Twenty-fourth Ward line, and Intervale avenue.
 11. Map or plan showing the revision of street system in that part of the Spuyten Duyvil District lying between Riverdale avenue, Myer's road, Broadway and Spuyten Duyvil Creek.
- B. Maps forwarded for filing :
1. Three copies of map or plan showing the classification of Decatur avenue, from Brookline street to Middlebrook Parkway.
 2. Three copies of plan and profile showing East One Hundred and Sixty-eighth street, from Webster to Franklin avenue.
 3. Three copies of plan and profile of each of the following streets :
A. East One Hundred and Sixty-fourth street, from East One Hundred and Sixty-fifth street to Railroad avenue, West, and from Brook to Trinity avenue.
B. East One Hundred and Seventy-sixth street, from Jerome to Tremont avenue.
C. East One Hundred and Seventy-first street, from Webster to Brook avenue.
D. East One Hundred and Seventy-eighth street, from Vanderbilt avenue, East, to Lafontaine avenue.
E. East One Hundred and Seventy-second street, from Vanderbilt avenue, East, to Third avenue.
F. From East One Hundred and Seventy-fourth street, from Carter to Third avenue.
 4. Three copies of map or plan, showing alterations in the line of Osborne place, between Loring place and Burnside avenue.
 5. Five copies of map or plan, showing Teller place, between the Melrose Depot Plot and Courtland avenue.
- C. Calculations were finished during this quarter :
1. For establishing the U. S. Channel line of the Harlem river, from One Hundred and Fifty-fifth to One Hundred and Eighty-first street.
 2. For change of lines and monuments of Brookline street, at its junction with Kingsbridge road.
 3. For monumenting Highbridgeville street system, which was altered under chapter 407 of 1886.
 4. For monumenting the reconstructed district lying between Featherbed lane, Aqueduct, Tremont and Jerome avenues.
 5. For monumenting the reconstructed district, lying immediately north of the proceeding and extending from Tremont to Burnside avenue.
 6. For change of lines and monuments of East One Hundred and Seventy-second street, from Vanderbilt avenue, East, to Third avenue.
- Summary of calculations in connection with monumenting—
- A. Monument points established 65
B. Instructions prepared for setting monuments 109
C. Instructions prepared for raising monuments 56
D. Area of revised districts established 1,242 acres.

Field Work.

1. Traverse lines measured—
A. At Highbridgeville 7,573 feet.
B. North of Featherbed lane 3,648 "
Total 11,221 feet.
2. Monument points set and measurements taken—

	Points.	Measurements.
A. At West Morrisania	1	45 feet.
B. At Highbridgeville	90	7,872 "
C. At Brookline street	6	1,119 "
D. North of Featherbed lane	2	2,134 "
E. At One Hundred and Sixty-ninth street and Franklin avenue	1	288 "
Total	100	11,458 feet.
3. Monuments referenced—
On Railroad and Vanderbilt avenues, from East One Hundred Sixty-eighth street to Fordham Station 50
5,222 feet.
4. Monument stones and bolts set—

	Monuments.	Bolts.	Reset.	Raised.
Railroad avenue, East, and One Hundred and Fifty-seventh street ..	63	8	1	112
West Morrisania .....	..	..	..	..
Mott avenue, from One Hundred and Forty-sixth to One Hundred and Forty-ninth street	3	..	..	3
Highbridgeville	50	7	..	42
Miscellaneous .....	..	..	3	3
Total	116	15	4	161
5. 175 monuments and points were referenced in addition to the above, to be put on record in the office.
6. Drafting is recorded at the end of the report.

II.—TAX MAPS.

- A. Calculations, examinations, searches, and comparisons of surveys have been progressed during the quarter for volumes 1, 7 and 8, of the Twenty-fourth Ward.
- B. The drafting necessary to plot the results of the calculations was executed during the quarter ; all the mounted pages of volume 1 are now in progress.
- C. The surveys were only occasional, and consisted in locating the monuments and land-marks mentioned in the deeds, relating to the work in progress.
- D. Searches—
28 search sheets, showing the names of the present owners and dimensions of plots obtained from the searches made at the Register's Office, Westchester County, and from real estate records kept at the office of the Topographical Engineer, were completed.
381 conveyances were searched, and 1 filed property map and 4 survey maps were copied. The tabulated record of current real estate conveyances has been kept up to date.
- E. A number of petitions for opening or changing streets was examined in relation to correctness of ownership of petitioners.

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—

1. Kelly street, from Westchester to Wales avenue.
 2. East One Hundred and Seventy-third street, from Weeks street to Third avenue.
 3. East One Hundred and Seventy-sixth street, from Jerome to Tremont avenue, and from Carter to Third avenue.
 4. East One Hundred and Seventy-first street, from Webster to Brook avenue.
 5. East One Hundred and Seventy-second street, from Vanderbilt avenue, East, to Third avenue.
 6. East One Hundred and Sixty-fourth street, from East One Hundred and Sixty-fifth street to Railroad avenue, West, and from Brook to Trinity avenue.
 7. East One Hundred and Sixty-eighth street, from Webster to Franklin avenue.
 8. John street, from Brook to Eagle avenue.
 9. Eagle avenue, from East One Hundred and Forty-ninth to East One Hundred and Sixty-third street.
 10. German place, from Westchester to Brook avenue.
 11. Rae street, from German place to St. Ann's avenue.
 12. Carr street, from German place to St. Ann's avenue.
 13. Public park in the Twelfth Ward, bounded by Avenue B on the west, by the Harlem and East rivers on the north and east, and by Eighty-sixth street on the south.
- B. Draft Damage Maps, in the matter of acquiring title to—
1. Melrose avenue, from Third avenue to East One Hundred and Sixty-third street.
 2. Public park at Corlears Hook in the Seventh Ward.
- C. Draft Benefit Maps in the matter of acquiring title to—
1. East One Hundred and Thirty-ninth street, from Rider to St. Ann's avenue.
 2. East One Hundred and Fortieth street, from Morris to Brook avenue.
 3. East One Hundred and Sixtieth street, from Railroad avenue, East, to Washington avenue.
 4. East One Hundred and Forty-fifth street, from East One Hundred and Forty-sixth street to St. Ann's avenue.
 5. East One Hundred and Forty-eighth street, from Railroad avenue, East, to Third avenue.
 6. College avenue, from Morris avenue to East One Hundred and Forty-sixth street.
 7. Wendover avenue, from Webster to Third avenue.
 8. East One Hundred and Forty-second street, from Rider avenue to St. Ann's avenue.
- D. Final copies of Damage and Benefit Maps, in the matter of acquiring title to—
1. Juliet street, from Mott to Walton avenue.
 2. East One Hundred and Seventieth street, from Vanderbilt avenue, East, to Webster avenue.
 3. Rose street, from Third to Bergen avenue.
 4. East One Hundred and Fifty-first street, from Railroad avenue, East, to Third avenue.
- E. Surveys for the preparation of Damage Maps were completed for—
1. East One Hundred and Sixty-eighth street, from Webster to Franklin avenue.
 2. Public park at Corlears Hook.
 3. East One Hundred and Sixty-ninth street, from Franklin avenue to East One Hundred and Sixty-seventh street.
 4. East One Hundred and Seventy-third street, from Weeks street to Third avenue.
 5. Public park in the Twelfth Ward, bounded by Avenue B, Eighty-sixth street and the East and Harlem rivers.
 6. East One Hundred and Seventy-sixth street, from Jerome to Third avenue.

B.—Drafting.

During the quarter the following maps were drawn :

- 64 relating to laying-out, adopting and filing of street plans and sewerage plans.
 - 1 relating to monumenting (this does not include incidental tracings).
 - 37 relating to tax maps.
 - 101 relating to street opening matters.
 - 9 relating to miscellaneous matters.
- making a total of 212 maps, aggregating 669 square feet.

MENAGERIE.

The following donations have been received :

- July 2. 1 gray parrot, presented by Miss Webb, New York City.
- " 2. 2 South American tortoises, presented by Mr. J. C. Bolet, Brooklyn.
- " 12. 1 black snake, presented by Mr. John A. Manley, New Brunswick, N. J.
- " 12. 1 young red fox, presented by Mr. F. S. Shurick, Parkersburg, West Va.
- " 14. 1 crow, presented by Miss Fernandez, New York City.
- " 18. 1 golden eagle, presented by Mr. L. R. Metz, St. Paul, Minn.
- " 18. 2 ring doves, presented by Mr. C. Mauk, New York City.
- " 18. 2 turkey vultures, presented by U. S. National Museum, Washington, D. C.
- " 21. 1 rabbit, presented by Masters Lester and Walter Mayer, New York City.
- Aug. 10. 1 small alligator, presented by Mr. Philip Reilly, New York City.
- " 11. 2 small alligators, donor not known.
- " 16. 1 alligator, presented by Mr. J. W. Meeks, Bayport, L. I.
- " 21. 8 opossums, presented by Mr. Joseph Murray, New York City.
- " 23. 1 small alligator, presented by Mr. Charles Broughton, New York City.
- " 28. 8 canaries, presented by Mr. James McMahon, New York City.
- Sept. 1. 1 horned owl, presented by Mr. Charles E. McDonald, New York City.
- " 4. 1 snapping turtle, presented by Master William Scarlet, New York City.
- " 12. 5 opossums, presented by Mr. Julio F. Sorzano, New York City.
- " 14. 1 bonnet monkey, presented by Mr. Jahier, New York City.
- " 17. 2 blue herons, presented by Mr. J. W. Meeks, Bayport, L. I.
- " 27. 1 small alligator, presented by Master Julian B. Holt, Hoboken, N. J.
- " 27. 1 small alligator, presented by Mrs. A. L. Delafield, New York City.
- " 28. 1 monkey, presented by Mrs. Sarah Churchill, Bayonne, N. J.
- " 28. 1 golden eagle, presented by Mr. J. B. Simpson, Jr., New York City.
- " 29. 1 black bear, presented by Mr. C. F. Livermore, Newport, R. I.
- The collection has also been increased by the following

Births.

1 puma.

1 Angora goat.

1 African buffalo.

1 Virginia deer.

Purchased.

1 Southdown ram.

3 Southdown ewes.

Placed on Exhibition.

Mrs. H. A. Gower—

July 12. 1 monkey.

Miss L. C. Skinner—

July 27. 1 monkey.

Mr. L. L. D. Westbrook.

Aug. 17. 1 black bear.

Master C. B. Kent—

Aug. 20. 1 parakeet.

F. J. Thompson—

Sept. 21. 1 gold pheasant, 1 silver pheasant.

" 25. 2 rat kangaroos.

" 26. 2 Aoudads.

Mrs. Stubbs—

Sept. 25. 1 monkey.

Mr. S. Schieff.

Sept. 29. 1 monkey.

During the past three months the following animals have been returned to the parties placing them upon exhibition :

Mr. Keppler—

Aug. 15. 1 macaw, deposited March 24, 1888 ; number of days exhibited, 144.

C. B. Kent—

Sept. 8. 1 parakeet, deposited August 25, 1888 ; number of days exhibited, 19.

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, Health Department and newspapers, and meteorological information has been supplied to the law courts.

The annexed tables give an abstract of the mean, the maximum and minimum readings for the various self-recording instruments in the observatory, and also comparisons with the same quarters of other years :

Tables for Quarter ending September 30, 1888.

BAROMETER (Reduced to Freezing).

1888.	7 A. M.	2 P. M.	9 P. M.	MEAN.	MAXIMUM.	TIME.	MINIMUM.	TIME.
July.....	29.939	29.908	29.919	29.923	30.188	9 A. M., 18th	29.400	6 A. M., 12th
August.....	29.912	29.883	29.895	29.897	30.200	9 A. M., 11th	29.302	8 P. M., 21st
September.....	29.966	29.948	29.976	29.962	30.500	9 A. M., 7th	29.410	7 A. M., 26th
Mean.....	29.939	29.913	29.930	29.927	30.296	.....	29.371	.....

THERMOMETERS (Fahrenheit Degrees).

1888.	7 A. M.		2 P. M.		9 P. M.		MEAN.	
	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.
July.....	65.48	61.96	76.19	68.06	70.54	66.96	70.71	65.63
August.....	67.96	63.90	78.03	68.87	71.77	67.64	72.56	66.74
September.....	59.40	55.93	67.33	60.33	61.83	58.50	62.81	58.22
Mean.....	64.28	60.59	73.85	65.75	68.05	64.37	68.69	63.53

THERMOMETERS.

1888.	MAXIMUM.				MINIMUM.				MAXIMUM.
	Dry Bulb.	Time.	Wet Bulb.	Time.	Dry Bulb.	Time.	Wet Bulb.	Time.	In Sun.
July.....	89	4 P. M., 7th	82	1 P. M., 5th	54	5 A. M., 13th	50	5 A. M., 13th	132, 1 P. M., 24th
August.....	94	4 P. M., 16th	84	5 P. M., 4th	53	5 A. M., 23d	49	6 A. M., 23d	139, 12 M., 20th
September.....	80	4 P. M., 1st	72	2 P. M., 18th	40	5 A. M., 30th	36	7 A. M., 30th	134, 12 M., 3d
Mean.....	87	.....	79	.....	49	.....	45	.....	135

WIND.

1888.	DIRECTION.			MOVEMENT IN MILES.			FORCE IN POUNDS PER SQUARE FOOT.		OZONE.
	7 A. M.	2 P. M.	9 P. M.	Total for Month.	Maximum for Day.	Minimum for Day.	Maximum.	Time.	0
July.....	NW	NW	SW	4,613	349	86	13	0.10 A. M., 12th	1.80
August.....	SW	SW	SW	4,971	288	63	20 1/4	7.40 P. M., 4th	.74
September.....	WNW	SE	NE	4,189	225	46	6 3/4	11.15 A. M., 11th	1.16
Mean.....	.....	.....	.....	4,591	287	65	13 1/3	.....	1.23

HYGROMETER.

1888.	FORCE OF VAPOR.				RELATIVE HUMIDITY.				CLOUDS.			RAIN.		
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	Mean.	Clear, Overcast, 10.	o.	10.	Duration.	Water.	Snow.
July.....	.515	.585	.618	.573	80	64	82	75	4.12	4.67	4.00	2 6 35	1.53	..
August.....	.555	.597	.636	.596	78	60	79	72	4.19	4.35	4.12	1 23 15	7.66	..
September.....	.421	.448	.463	.444	78	63	80	73	6.13	6.16	5.50	4 12 30	8.16	..
Mean.....	.497	.543	.572	.537	79	62	80	73	4.81	5.06	4.54	2 22 6	5.78	..

On comparing the temperatures of the above quarterly table with those of the same quarter for the past 67 years, they give the following results :

	JULY.			AUGUST.			SEPTEMBER.		
	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.
1888.....	70.71	89	54	72.56	94	53	62.81	80	36
Average for 67 years.....	75.11	104	52	71.73	98	49	65.99	101	39

July, 1888—

The mean temperature was 4.40 degrees below the average for 67 years.
The maximum temperature was 15 degrees below the average for 67 years.
The minimum temperature was 2 degrees above the average for 67 years.

August, 1888—

The mean temperature was 0.83 degrees above the average for 67 years.
The maximum temperature was 4 degrees below the average for 67 years.
The minimum temperature was 4 degrees above the average for 67 years.

September, 1888—

The mean temperature was 3.18 degrees below the average for 67 years.
The maximum temperature was 21 degrees below the average for 67 years.
The minimum temperature was 3 degrees below the average for 67 years.

On comparing the water-falls of the above quarterly tables with those of the same quarters for the past 53 years, we obtain the following results :

	JULY.	AUGUST.	SEPTEMBER.	TOTAL FOR QUARTER.
	Inches.	Inches.	Inches.	Inches.
1888.....	1.53	7.66	8.16	17.35
Mean for 53 years.....	4.01	4.68	3.65	12.34

July, 1888—The water-fall was 2.48 inches below the average for 53 years.
August, 1888—The water-fall was 2.98 inches above the average for 53 years.
September, 1888—The water-fall was 4.51 inches above the average for 53 years.
The water-fall for the third quarter of 1888 is 5.01 inches above the average for 53 years.

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

	JULY.	AUGUST.	SEPTEMBER.
Officers and Clerks.....	19	19	19
Topographical Engineers.....	26	27	27
Engineers of Construction.....	18	20	15
Inspectors.....	10	10	13
Parkkeepers, etc.....	183	175	200
Foremen, Mechanics, Laborers, etc., comprising all labor on south side of the Harlem river.....	562	607	603
Twenty-third and Twenty-fourth Wards, including Superintendent, Foremen, Laborers, etc.....	112	120	109
Total average per day.....	930	978	986

APPOINTMENTS.

112 Laborers.....	Per day,	\$1 76
3 Painters.....	"	3 00
3 Rockmen.....	"	2 00
1 Axeman.....	"	2 50
4 Carts.....	"	3 00
1 Double Team.....	"	4 50
1 Bridge Tender.....	"	2 00
4 Gardeners.....	"	2 00
23 Parkkeepers.....	"	2 75
1 Rock Foreman.....	"	3 00
2 Assistant Foremen.....	"	3 00
1 Laborer.....	"	2 00
1 ".....	"	1 25
3 Drivers.....	"	2 00
5 Pavers.....	"	3 50
7 Carpenters.....	"	3 00
1 Skilled Laborer.....	"	4 00
3 Inspectors.....	"	4 00
1 Plumber.....	"	3 50
1 Skilled Laborer.....	Per month,	90 00
2 Laborers.....	"	60 00
2 Cottage Laborers.....	Per day,	1 50
1 Skilled Laborer.....	For 30 days,	4 00
1 Foreman.....	" 30 "	4 50
1 Painter.....	" 30 "	3 00
4 Carpenters.....	" 30 "	3 00
4 Laborers.....	" 30 "	1 76
1 Computer.....	" 30 "	Per year, 900 00
1 Chainman.....	" 30 "	900 00
2 Rodmen.....	" 30 "	Per day, 2 50

RESTORED.

12 Laborers.....	Per day,	\$1 76
4 Cottage Laborers.....	Per month,	45 00
1 Helper.....	Per day,	2 00
4 Carpenters.....	"	3 00
2 Drivers.....	"	2 00
1 Computer.....	Per year,	900 00

CHANGE OF PAY AND TITLE.

1 Wheelwright, from \$3.50 per day to \$3 per day.
1 Skilled Laborer, \$2 per day to 2.50 per day.
1 Gardener, \$2.50 per day to \$3 per day.
2 Gardeners, \$2 per day to \$2.50 per day.
3 Laborers, \$1.76 per day; to Rockmen, \$2 per day.
2 Laborers, \$1.76 per day; to Laborer, \$2 per day.
2 Laborers, \$1.50 per day; to Laborer, \$2 per day.
16 Cottage Laborers, \$1.50 per day; to Cottage Laborer, \$45 per month.
16 Cottage Attendants, \$1.20; to Cottage Attendants, \$35 per month.
1 Clerk, \$1,500 per year to \$1,750 per year.
1 General Foreman, \$125 per month to \$150 per month.
1 Computer, from \$900 per year; to Assistant Engineer, at \$1,200.
1 Assistant, from \$1,700 per year; to Assistant Engineer, at \$1,700.
1 Rodman, from \$1,000 per year; to Assistant, at \$1,000.

APPOINTMENTS—TWENTY-THIRD AND TWENTY-FOURTH WARDS.

38 Laborers.....	Per day,	\$1 76
2 Double Teams.....	"	4 50
4 Laborers.....	For 30 days,	1 76
2 Sewer Laborers.....	" 30 "	2 00

RESTORED.

6 Laborers.....	Per day,	\$1 76
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CHANGE OF PAY AND TITLE.

2 Laborers, \$1.76 per day; to Laborer, \$2 per day.
1 Laborer, \$1.76 per day; to Sewer Laborer, \$2 per day.
1 Laborer, \$1.76 per day; to Skilled Laborer, \$2.50 per day.

DROPPED.

32 Laborers.....	Per day,	\$1 76
4 Carpenters.....	"	3 00
8 Carts.....	"	3 00
4 Parkkeepers.....	"	2 75

Number of animals impounded and cared for during the three (3) months ending September 30, 1888—	
17 horses and wagons.....	\$17 00
7 horses impounded.....	14 00
6 cows impounded.....	12 00
6 fowls impounded.....	1 50
50 loads grass.....	50 00
Total.....	\$94 50

The following statement will show the number and character of permits issued during the quarter:

For sewer connections.....	115
" sewer connections, repairs.....	13
" openings for Croton connections.....	117

For openings for Croton connections, repairs.....	36
" placing building materials on street.....	75
" laying drain-pipes.....	11
" grading sidewalks.....	5
" laying concrete sidewalks.....	3
" removing frame building.....	4
" building areaway.....	1
" retaining gutter-bridge.....	1
" crossing sidewalks with teams.....	9
" removing trees.....	2
" trimming trees.....	2
" botanizing in Central Park.....	1
" firing salute from Battery Park.....	1
" playing base-ball in Morningside Park.....	6
" Subway Company to place materials in Mail street.....	1
" beating reveille in Mount Morris Park.....	1
" replacing and resetting telegraph poles.....	2
" erecting banner poles.....	1
" crossing Central Park after hour of closing.....	1
" O'Brien & Clark to lay track on Eighth avenue.....	1
" crossing Central Park with wagons.....	6
" O'Brien & Clark to make openings in Morningside and Central Parks.....	1
" placing paving-stones on sidewalks of City Parks.....	2
" erecting guy posts and ropes.....	4
" erecting canvas awning.....	1
" keeping miniature yachts in house at Conservatory Lake, Central Park.....	6
" erecting reviewing stands.....	3
" holding mass meetings in Paradise Park.....	3
" dumping rock and earth filling.....	2
" removing paving-stones from approach to Madison Avenue Bridge.....	1
" steam connections, repairs.....	1
" crossing Riverside Parks with teams.....	5
" erecting electric-light poles.....	3
" removing fountain at Circle, Fifty-ninth street and Eighth avenue.....	1
" using Ladies' Cottage in Union Square, as reviewing stand, etc.....	3
" entering Central Park with four-in-hand.....	1
" laying gas-mains.....	2
" O'Brien & Clark to erect building in Transverse Road, Ninety-seventh street.....	1
" O'Brien & Clark to stable horses in Transverse Road, Ninety-seventh street.....	1
" playing cricket.....	5
" playing foot-ball.....	2
" taking samples of water from Park Lakes.....	1
" playing lacrosse.....	1
" photographing and sketching.....	241
" croquet.....	373
" lawn tennis.....	76
" collecting autumn leaves.....	700
" collecting insects.....	3

Bills and pay-rolls, amounting to \$496,614.02, have been audited and transmitted to the Finance Department.

Bills.....	\$247,132 04
Pay-rolls.....	249,481 98
Cash deposited with Chamberlain.....	8,777 26

By order of the Department of Public Parks.

J. HAMPDEN ROBB, President.

CHARLES DE F. BURNS, Secretary.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
No. 300 MULBERRY STREET,
NEW YORK, January 15, 1889.

THOMAS COSTIGAN, Esq., *Supervisor City Record*:

SIR—Pursuant to section 268, chapter 410, Laws of 1882, I hereby submit the following list of appointments and applicants for appointment in the Police Department of the City of New York for the month of December, 1888, as follows:

Appointments on Probation.

NAME.	RESIDENCE.	OCCUPATION.
Peter Devlin.....	421 Cherry street.....	Pressman.
Patrick J. Mahoney.....	182 East One Hundred and Seventeenth street.....	Car conductor.
Matthew Kenealy.....	One Hundred and Sixth street near Ninth avenue.....	Plumber.
Samuel W. Hatch.....	131 East One Hundred and Twenty-fifth street.....	Salesman.
Joseph Burns.....	1010 Second avenue.....	Clerk.
William McHugh.....	1532 Ninth avenue.....	Glass-worker.
John T. Phillips.....	144 East One Hundred and Twentieth street.....	Expressman.
Alexander Wingate.....	415 West Forty-second street.....	Car starter.
Edward F. Stringer.....	818 Sixth street.....	Laborer.
Bernard H. Smyth.....	25 Jones street.....	Expressman.
Peter Devlin.....	Arthur avenue and One Hundred and Eightieth street.....	Harness-maker.

Applicants for Appointment.

NAME.	RESIDENCE.	OCCUPATION.	PASSED OR REJECTED.
John H. Leavey.....	31 Coenties Slip.....	Farmer.....	Passed.
James J. Murphy.....	167 Greenwich street.....	Milkman.....	"
Henry A. Beulshausen.....	147 Seventh avenue.....	Marble-cutter.....	Rejected.
John Fay.....	155 Cedar street.....	Gateman.....	"
John Kauffinger, Jr.....	158 Allen street.....	Printer.....	Passed.
John Vaughan.....	646 West Thirty-fourth street.....	Produce dealer.....	"
Cornelius Maloney.....	441 West Thirty-third street.....	Paper-maker.....	"
George C. Weiler.....	3615 Third avenue.....	Butcher.....	"
Thomas H. Mulvey.....	2182 Fourth avenue.....	Bell-hanger.....	Rejected.
John Maher.....	59 Rutgers street.....	Porter.....	Passed.
James Moloney.....	363 Madison street.....	Truck-driver.....	"
Patrick McElroy.....	30 Clarkson street.....	Blacksmith.....	"
John P. Sheehy.....	334 West Eleventh street.....	Oysterman.....	"

NAME.	RESIDENCE.	OCCUPATION.	PASSED OR REJECTED.
Morris Schwartz.....	336 East Houston street.....	Cigar-maker.....	Passed.
James Carr.....	1680 Ninth avenue.....	Foreman.....	Rejected.
William J. Hughes.....	4 Washington place.....	Boiler-maker.....	Passed.
John H. Mullen.....	351 West Forty-third street.....	Clerk.....	"
John J. Rodgers.....	233 East One Hundred and Twenty-sixth street.....	Carpet-layer.....	"
William H. Riley.....	480 West One Hundred and Fiftieth street.....	Driver.....	Rejected.
George J. Walker.....	40 Thompson street.....	Clerk.....	Passed.
Edmund J. Reilly.....	17 Cannon street.....	Woodworker.....	"
Frederick H. Bartlett.....	1189 Third avenue.....	R. R. employee.....	"
John A. Kenney.....	166 East Eighty-eighth street.....	Mason.....	"
John Crougan.....	173 Bleecker street.....	Clerk.....	Rejected.
Patrick H. Keogh.....	132 West Fiftieth street.....	Stage-driver.....	Passed.
Everett K. Lewis.....	341 Ninth avenue.....	Towerman.....	"
Harry M. Neggesmith.....	37 Mount Morris avenue.....	Theatre agent.....	"
Isaac Maas.....	175 Broome street.....	Clerk.....	Rejected.
John Falconer.....	85 Manhattan street.....	Driver.....	"
Eugene Cooper.....	465 West Forty-seventh street.....	Ice-man.....	Passed.
W. J. Monroe.....	353 West Forty-seventh street.....	Brakeman.....	Rejected.
Thomas F. Teeven.....	2433 First avenue.....	Watchman.....	Passed.
Ferdinand Thomas.....	742 Courtland avenue.....	Painter.....	"
John W. Simons.....	74 West One Hundredth street.....	Carpenter.....	"
John H. Hey.....	859 Ninth avenue.....	Salesman.....	"
Michael Rice.....	210 East Fifty-seventh street.....	Nurse.....	"
John Sadler.....	518 East Twelfth street.....	Decorator.....	Rejected.
John Kelly.....	699 Tenth avenue.....	Laborer.....	"
Frank J. Lucas.....	542 West Fifty-first street.....	Car conductor.....	"
William Rathler.....	767 Third avenue.....	Clerk.....	Passed.
Harry A. Batten.....	{ 169 East One Hundred and Twenty-seventh } { street..... }	{ Elevated Railroad } { employee..... }	"
John Fredenburg.....	108 Lawrence street.....	Stone-cutter.....	Rejected.
Joseph W. Kenny.....	20 Dominick street.....	Clerk.....	Passed.
Adam G. Armeth.....	312 West Thirty-eighth street.....	Bookkeeper.....	"
Frederick Dilleuth, Jr.....	824 Courtland avenue.....	Baker.....	Rejected.
Christian Flannery.....	327 East Eighty-eighth street.....	Feedman.....	"
William O'Brien.....	95 Morton street.....	Freight-checker.....	"
August Wiesener.....	67 East Fourth street.....	Bricklayer.....	"
George W. Beck.....	118 Centre street.....	Machinist.....	Passed.
James S. Lundy.....	134 Alexander avenue.....	Driver.....	Rejected.
Charles H. Monahan.....	306 East Twenty-eighth street.....	Clerk.....	Passed.
Thomas Little.....	1 Roosevelt street.....	Dyer.....	Rejected.
Charles R. Schleyer.....	239 East Twenty-sixth street.....	Tailor.....	Passed.
William O'Connell.....	32 Cherry street.....	Time-keeper.....	Rejected.
Frederick Krattinger.....	458 Ninth avenue.....	Awning-maker.....	"
John J. Kennedy.....	231 East Twenty-sixth street.....	Milkman.....	"
William Cristman.....	25 Pike street.....	Barber.....	"
John Gorman.....	321 Tenth avenue.....	Laborer.....	Passed.
James McCormick.....	129 Cannon street.....	".....	Rejected.
Michael Owens.....	Metropolitan Hotel.....	Clerk.....	Passed.
Henry Senk.....	547 West Forty-eighth street.....	Tool dresser.....	"
James V. Smith.....	199 Mulberry street.....	Piano polisher.....	Rejected.
Charles Gerber.....	417 West Fifty-second street.....	Butcher.....	"
Llewellyn Gabay.....	204 Prince street.....	Cigar-maker.....	Passed.
Francis T. Waters.....	14 Gay street.....	Foreman.....	"
Patrick V. Quinlan.....	36 Vandewater street.....	R. R. ticket agent.....	"
Nicholas A. Landzert.....	348 East Twentieth street.....	Waiter.....	"
Augustus J. Christ.....	1410 Third avenue.....	Roofer.....	"
Thomas J. Carney.....	134 Greenwich street.....	Clerk.....	"
John Shanahan.....	140 Washington street.....	Porter.....	Rejected.
Henry Beyheyt, Jr.....	307 Seventh avenue.....	Cook.....	Passed.
Michael Larkin.....	309 East Eleventh street.....	Driver.....	Rejected.
John J. Daly.....	66 Pearl street.....	Laborer.....	"
Richard J. Sullivan.....	39 Jefferson street.....	Porter.....	"
Alfred Berner.....	28 Scammel street.....	Barber.....	Passed.
James Moffatt.....	442 East Fourteenth street.....	Watchman.....	"
James P. Riley.....	511 West Twenty-sixth street.....	Boiler-maker.....	Rejected.
George J. Lyons.....	353 West Forty-third street.....	Clerk.....	Passed.
Max Solomon.....	277 Rivington street.....	Truckman.....	Rejected.
Edward J. Short.....	527 West Fifty-first street.....	Ironworker.....	Passed.
Charles J. Dwyer.....	343 East Thirty-third street.....	Porter.....	"
Anthony J. Brechbiel.....	Highland Falls, N. Y.....	Soldier.....	"
Solomon Cohen.....	{ 262 West One Hundred and Twenty-fourth } { street..... }	Truck-driver.....	"
Bernard Keefe.....	236 East Eighty-fifth street.....	Bookkeeper.....	"
Michael T. Fitzpatrick.....	404 West Thirty-first street.....	Porter.....	Rejected.
Edwin R. Lloyd.....	258 West Fifty-fifth street.....	Coachman.....	"
Martin F. Hayes.....	520 West Forty-ninth street.....	Car-driver.....	Passed.
James Flood.....	381 First avenue.....	Laborer.....	"
William J. Gallagher.....	529 West Thirty-ninth street.....	".....	"
Michael H. Malone.....	677 Second avenue.....	Brassworker.....	"
Louis Nussbaum.....	33 Cannon street.....	Brush-maker.....	"
James J. Murphy.....	167 Greenwich street.....	Milkman.....	"

Respectfully,
WM. H. KIPP, Chief Clerk.

APPROVED PAPERS.

Papers Approved by the Mayor for the week ending January 19, 1889.

Resolved, That the name of Peter Dennin, recently appointed Commissioner of Deeds, be corrected so as to read Peter Dinnin.

Adopted by the Board of Aldermen, January 15, 1889.

Resolved, That the name of Edward H. Slocum, recently appointed a Commissioner of Deeds, be corrected so as to read Edwin H. Slocum.

Adopted by the Board of Aldermen, January 15, 1889.

Resolved, That the name of Ralph D. B. Brown, appointed a Commissioner of Deeds January 2, 1889, be changed to read Ralph D. P. Brown.

Adopted by the Board of Aldermen, January 15, 1889.

Resolved, That the name of J. C. A. Thompson, recently appointed a Commissioner of Deeds, be and is hereby corrected so as to appear J. C. A. Thomson.

Adopted by the Board of Aldermen, January 15, 1889.

Resolved, That the name of Buford Franklin, recently appointed a Commissioner of Deeds, be corrected so as to read Ruford Franklin.

Adopted by the Board of Aldermen, January 15, 1889.

Resolved, That permission be and the same is hereby given to Joseph Pulitzer to extend a vault or vaults six feet outside of and beyond the southerly curb-line of Park Row, commencing at the intersection of said curb-line and the easterly curb-line of Frankfort street, and extending thence easterly on Park Row one hundred and thirty-one and five-tenths feet to a line drawn at right angles to Park Row (as per the diagram annexed to the petition by him presented), upon the payment of the usual fee; provided, that the work be done in a durable and substantial manner, and that the said Joseph Pulitzer shall stipulate with the Commissioner of Public Works to save the city harmless from any loss or damage that may accrue in consequence of the building or extension of said vault or vaults during the progress of or subsequent to the building thereof; the work to be done at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, January 15, 1889.

Approved by the Mayor, January 16, 1889.

FRANCIS J. TWOMEY, Clerk of the Common Council.

FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT—CITY OF NEW YORK, }
NEW YORK, December 28, 1888.

Present—Commissioners Richard Croker and Fitz John Porter.

Requisitions—Expenditure Authorized.

Carpenter-work, Fuel Depot No. 8.....	\$328 00
Painting Engine 50.....	875 00

Adjourned.

CARL JUSSEN, Secretary.

NEW YORK, December 31, 1888.

Present—Commissioners Richard Croker and Fitz John Porter.

Trials.

Inspector James Cox, Bureau Inspection of Buildings, "neglect of duty," "accepting a bribe," "conduct prejudicial to the interest of the city," "neglect of duty." Charges read; accused called and failed to appear; tender of resignation read, and both filed.

Fireman 1st grade John F. Fitzgerald, Hook and Ladder 10, "conduct prejudicial to good order." Adjourned.

Fireman 1st grade Thomas R. Godfrey, Hook and Ladder 1, "violation of Par. 3, G. O. 19, O. B. C., series of 1881." Fined one day's pay.

Fireman 2d grade Edward F. Smith, Engine 18, "absent without leave." Fined three days' pay.

Engineer of steamer Peter F. McDermott, Engine 15, "neglect of duty." Fined three days' pay.

Fireman 1st grade William Mulhare, Engine 1, "conduct prejudicial to good order." Fined one day's pay.

Fireman 1st grade Hugh T. Grinnon, Engine 1, "conduct prejudicial to good order." Fined one day's pay.

Requisitions, etc.—Expenditure Authorized.

Additional underground conductors, etc., Fire Alarm Telegraph.....	\$550 00
Supplies—Fire Alarm Telegraph.....	148 00
Articles for issue.....	123 00

Referred, etc.

Standard Underground Cable Company—Requesting an extension of time on contract. To Superintendent of Telegraph.

Filed, etc.

Foreman in charge of Stables—Report of sale of condemned horses.

Van Tassell & Kearney—Account sale of horses.

Foreman of Engine 54—Reporting removal from temporary to new quarters at No. 304 West Forty-seventh street.

Finance Department—Weekly statement of the condition of appropriation.

Eureka Fire Hose Company—Requesting testimonial relative to their hose.

George W. Winant & Sons—Requesting trial of "Hawthorn" cannon coal.

Pay-Rolls Audited—Schedule No. 65 of 1888.

Extra Telegraph Force, pay-roll, December, apparatus, supplies, etc.....	\$1,200 00
Headquarters, " salaries.....	5,411 66
Attorney to Fire Department, ".....	333 37
Chief of Department, ".....	3,595 61
Engine and Hook and Ladder Companies' pay-roll, December, salaries.....	109,932 12
Bureau of Combustibles, ".....	1,024 99
" Fire Marshal, ".....	542 89
" Inspection of Buildings, ".....	8,055 80
" " No. 2.....	550 01
Telegraph Force, ".....	2,380 82
Repair Shops, ".....	6,268 73
Hospital Stables, ".....	435 00

\$139,731 00

Communications Referred, etc.

Assistant Foreman Wright Case, Jr., Hook and Ladder 14—Requesting to be relieved from active service. To Medical Officers.
 Engineer of Steamer Patrick Riley—Requesting to be retired from all service. To Medical Officers.
 Attorney to the Department—Returning two violation cases of 1887, with recommendation that the complaints be dismissed, etc. Approved, to Superintendent of Buildings for file.
 Thomas F. Byrne, Attorney—Writ of certiorari in the case of ex-Fireman John Gillespie. To the Attorney.
 John H. Fuller—Requesting report on harness preservative. To Chief of Department.

Filed, etc.

Civil Service Examining Board—Certifying names of persons eligible for promotion to the position of Chief of Battalion.
 Commissioner Porter—Returning petition of Michael Campbell, ex-Fireman, for a re-hearing of his case, with report and recommendation. Denied and filed.
 Foreman Hook and Ladder 17—Reporting voluntary service rendered by Fireman William H. Hartman of his command. To record on Roll of Merit.
 Superintendent of Telegraph—Reporting damage to Fire Alarm system by an electric light current.
 Same—Reporting attachments made by the East River Electric Light Company to Department poles without permission, and his action thereon. Action approved.

Promotion—Approved.

Foreman John H. Kehoe to be Chief of Battalion from 23d instant at \$2,750 per annum.

Appointments—Approved.

Ununiformed Firemen to be Firemen 3d grade, from 23d instant—

George W. Murray,
 Frank Argue,
 William H. McCarthy,
 Philip C. Harmon, Jr.,
 Peter J. Starrs,
 Ernest F. Schramm,
 Patrick Smith,
 Duncan Towart,
 Michael J. Murray,
 Adolph Zorn,
 Lawrence P. Duffy,
 George L. Ross,
 James H. Ging,
 Dennis Ryer,
 William Whitten,
 Charles Mayer,
 James Gaffney,
 Julius Chenu,
 George T. F. Harris,
 Thomas Tarpy,
 James J. Convey,
 Matthew Murphy,
 John J. Strettle,
 William Powers,
 James Delaney,
 Albert E. Jenkins,

From the 26th instant—
 John Kelly.

From the 30th instant—
 Justus D. Michell,
 William P. Bowen,
 Edward J. Worth,

Adjourned.

George Lloyd,
 Julien Aloncle.

CARL JUSSEN, Secretary.

EXECUTIVE DEPARTMENT.

MAYOR'S MARSHAL'S OFFICE,
 NEW YORK, January 19, 1889.
 Number of licenses issued and amounts received therefor, in the week ending Friday, January 18, 1889.

DATE.	NUMBER OF LICENSES.	AMOUNTS.
Saturday, January 12..	12	\$33 00
Monday, " 14..	52	83 00
Tuesday, " 15..	38	94 00
Wednesday, " 16..	18	56 00
Thursday, " 17..	55	135 75
Friday, " 18..	30	63 50
Totals.....	205	\$465 25

DANIEL ENGELHARD,
 Mayor's Marshal.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, 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. THOMAS T. C. CRAIN, 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.
 WM. PITT SHEARMAN, MAURICE F. HOLAHAN.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.
 JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; BENJAMIN S. CHURCH, 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.

LEGISLATIVE DEPARTMENT.

Office of Clerk of Common Council.

No. 8 City Hall, 10 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.
 ———, City Librarian.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M.
 D. LOWBER SMITH, Commissioner; ——— 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.
 JOHN H. CHAMBERS, Register.

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.
 WM. M. DEAN, Superintendent.
 Engineer-in-Charge 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.
 ALSTON G. CULVER, Water Purveyor.

Bureau of Lamps and Gas.

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

Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 P. M.
 GEO. E. BABCOCK, Superintendent.

Bureau of Incumbrances.

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

Keeper of Buildings in City Hall Park.

MARTIN J. KEES, 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.
 ARTEMAS S. CADY, 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.
 ———, Collector of the City Revenue and Superintendent of Markets.
 GRAHAM McADAM, Chief Clerk.
 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.
 WM. M. IVINS, 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 floor, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 4 P. M.
 HENRY R. BECKMAN, 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.
 RICHARD J. MORRISON, Public Administrator.

Office of the Corporation Attorney.

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

POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.
 STEPHEN B. FRENCH, President; WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

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

FIRE DEPARTMENT.

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

Headquarters.

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

Bureau of Chief of Department.

CHARLES O. SHAY, 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.

ALBERT F. D'ORCH, 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.
 JAMES C. BAYLES, 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.
 J. HAMPDEN ROBB, 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; G. KEMBLE, 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.

Office Bureau Collection of Arrears of Personal Taxes
 Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
 CHARLES S. BEARDSLEY, Attorney; SAMUEL BARRY Clerk.

DEPARTMENT OF STREET CLEANING.

49 and 51 Chambers street. Office hours, 9 A. M. to 4 P. M.
 JAMES S. COLEMAN, Commissioner; ALBERT H. ROGERS, Deputy Commissioner; R. W. HORNER, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union.
 EVERETT P. WHEELER, 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 City Hall, Room No. 113, 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.
 CHARLES H. WOODMAN, President; GEORGE H. GALE, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.
 JAMES A. FLACK, Sheriff; THOMAS F. GILROY, Under Sheriff; BERNARD F. MARTIN, Order Arrest Clerk.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.
 JAMES J. SLEVIN, Register; JAMES J. MARTIN, 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; JAMES McCABE, 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.
 THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Bookkeeper.

CORONERS' OFFICE.

Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12.30 P. M.
 MICHAEL J. B. MESSEMER, FERDINAND LEVY, DANIEL HANLY, LOUIS W. SCHULTZ, Coroners; ——— Clerk of the Board of Coroners.

SUPREME COURT.

Second floor, New County Court-house, opens at 10.30 A. M.
 CHARLES H. VAN BRUNT, Presiding Justice; EDWARD F. REILLY, Clerk; P. J. SCULLY, Deputy County Clerk.
 General Term, Room No. 9, WILLIAM LAMB, Jr., Clerk.
 Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk.
 Special Term, Part II., Room No. 18, WILLIAM J. HILL, Clerk.
 Chambers, Room No. 11, WALTER BRADY, Clerk.
 Circuit, Part I., Room No. 12, ———, Clerk.
 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, EDWARD J. KNIGHT, Librarian.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.
 General Term, Room No. 35.
 Special Term, Room No. 33.
 Chambers, Room No. 33, to 4 P. M.
 Part I., Room No. 34.
 Part II., Room No. 35.
 Part III., Room No. 36.
 Judges' Private Chambers, Room No. 30.
 Naturalization Bureau, Room No. 32.
 Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.
 JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 9 A. M. to 4 P. M.
 Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.
 Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.
 General Term, Room No. 24, 11 o'clock A. M. to adjournment.
 Special Term, Room No. 21, 11 o'clock A. M. to adjournment.
 Chambers, Room No. 21, 10.30 o'clock A. M. to adjournment.
 Part I., Room No. 25, 11 o'clock A. M. to adjournment.
 Part II., Room No. 26, 11 o'clock A. M. to adjournment.
 Part III., Room No. 27, 11 o'clock A. M. to adjournment.
 Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.
 RICHARD L. LARREMORE, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I. and II. Court open at 11 o'clock A. M.
 FREDERICK SMYTH, Recorder; RANDOLPH B. MARTINE, HENRY A. GILDERSLEEVE and RUFUS B. COWING, Judges of the said Court.
 Terms, first Monday each month.
 JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

CITY COURT.

City Hall.
 General Term, Room No. 20.
 Trial Term, Part I., Room No. 20.
 Part II., Room No. 19.
 Part III., Room No. 15.
 Special Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.
 Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.
 DAVID McADAM, Chief Justice; MICHAEL T. DALY Clerk.

OVER AND TERMINER COURT

New County Court-house, second floor, southeast corner, Room No. 12. Court opens at 10½ o'clock A. M.
 Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10.30 A. M., excepting Saturday.
 Clerk's Office, Tombs.

DISTRICT CIVIL COURTS.

First District—First, Second, Third and Fifth Wards southwest corner of Centre and Chambers streets.
 MICHAEL NORTON, Justice.
 Clerk's office open from 9 A. M. to 4 P. M.
 Second District—Fourth, Sixth and Fourteenth Wards, corner of Pearl and Centre streets, 9 A. M. to 4 P. M.
 CHARLES M. CLANCY, Justice.
 Third District—Ninth and Fifteenth Wards, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
 GEORGE B. DEANE, Justice.
 Fourth District—Tenth and Seventeenth Wards, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily; continues to close of business.
 ALFRED STECKLER, Justice.

Fifth District—Seventh, Eleventh and Thirteenth Wards, No. 154 Clinton street.
HENRY M. GOLDFOGLE, Justice.

Sixth District—Eighteenth and Twenty-first Wards, No. 61 Union place, Fourth avenue, southwest corner of Eighteenth street. Court opens 9 A. M. daily; continues to close of business.
SAMSON LACHMAN, Justice.

Seventh District—Nineteenth and Twenty-second Wards, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays) and continues to the close of business.
AMBROSE MONELL, Justice.

Eighth District—Sixteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh avenue. Court opens at 9 A. M. and continues to close of business. Clerk's office open from 9 A. M. to 4 P. M. each court day.
Trial days, Wednesdays, Fridays and Saturdays. Return days, Tuesdays, Thursdays and Saturdays. JOHN JEROLMAN, Justice.

Ninth District—Twelfth Ward, No. 225 East One Hundred and Twenty-fifth street.
JOSEPH P. FALLON, Justice.
Clerk's office open daily from 9 A. M. to 4 P. M. Trial days Tuesdays and Fridays. Court opens at 10 1/2 A. M.

Tenth District—Twenty-third and Twenty-fourth Wards, corner of Third avenue and One Hundred and Fifty-eighth street.
Office hours, from 9 A. M. to 4 P. M. Court opens at 9 A. M.
ANDREW J. ROGERS, Justice.

Eleventh District—No. 919 Eighth avenue; Twenty-second Ward, and all that part of the Twelfth Ward lying south of One Hundred and Tenth street and west of Sixth avenue. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
THOMAS E. MURRAY, Justice.

POLICE COURTS.

Judges—MAURICE J. POWER, J. HENRY FORD, JACOB PATTERSON, JR., JAMES T. KILBRETH, JOHN J. GORMAN, HENRY MURRAY, SOLON B. SMITH, ANDREW J. WHITE, CHARLES WELDE, DANIEL O'REILLY, PATRICK G. DUFFY.

GEORGE W. CREGIER, Secretary.

Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue.

First District—Tomb's, Centre street.

Second District—Jefferson Market.

Third District—No. 69 Essex street.

Fourth District—Fifty-seventh street, near Lexington avenue.

Fifth District—One Hundred and Twenty-fifth street, near Fourth avenue.

Sixth District—One Hundred and Fifty-eighth street and Third avenue.

DEPARTMENT OF DOCKS.

(Work of Construction under New Plan.)

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

TO CONTRACTORS.

(No. 293.)

PROPOSALS FOR ESTIMATES FOR REMOVING THE EXISTING PIER, KNOWN AS PIER 7, AT THE FOOT OF COENTIES SLIP, EAST RIVER, AND FOR PREPARING FOR AND BUILDING A NEW WOODEN PIER AND APPROACH ON THE SITE OF SAID PIER, TO BE KNOWN AS PIER, NEW 6, EAST RIVER.

ESTIMATES FOR BUILDING A NEW WOODEN Pier, including an Approach, at the foot of Coenties Slip, East river, in place of Pier 7, 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

FRIDAY, FEBRUARY 1, 1889,

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 endorsed 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 Nine Thousand Four Hundred Dollars.

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

CLASS I.—NEW PIER AND APPROACH.

Feet, B. M., measured in the work.

1. Yellow Pine Timber, 12" x 12"..... 3,213

NOTE.—The above quantities of timber will require to be in lengths of over 36 feet to meet the requirements of the specifications.

Feet, B. M., measured in the work.

2. Yellow Pine Timber, 12" x 14"..... 14,858
" 12" x 13 1/2"..... 1,580
" 12" x 12 1/2"..... 3,450
" 12" x 12"..... 138,155
" 10" x 12"..... 3,746
" 10" x 10"..... 900
" 8" x 12"..... 150
" 8" x 16"..... 576
" 8" x 15"..... 960
" 8" x 12"..... 1,020
" 8" x 10"..... 90
" 8" x 8"..... 10,333
" 7" x 14"..... 408
" 7" x 12"..... 2,352
" 7" x 9"..... 110
" 6" x 12"..... 20,316
" 6" x 10"..... 11,288
" 5" x 12"..... 1,955
" 5" x 10"..... 16,417
" 5" x 9"..... 184
" 4" x 12"..... 1,344
" 4" x 10"..... 85,667
" 2" x 4"..... 4,207

Total..... 320,066

NOTE.—The above quantities of timber may be in lengths of less than 36 feet.

Feet, B. M., measured in the work.

3. Spruce Timber, 4" plank..... 63,600
" 3" plank..... 28,581

Total..... 92,181

Feet, B. M., measured in the work.

4. White Oak Timber, 8" x 12"..... 9,632

NOTE.—The above quantities of timber in items 1 and 2, 3 and 4, are inclusive of extra lengths required for scarfs, laps, etc., but are exclusive of waste.

5. White Pine, Yellow Pine, Norway Pine or Cypress Piles for Pier..... 456

(It is expected that these piles will have to be from about 40 feet in length to about 50 feet in length, to meet the requirements of the specifications for driving.)

6. White Pine, Yellow Pine, Norway Pine, Cypress or Spruce Piles for Approach.... 117

(It is expected that these piles will have to be from about 30 feet in length to about 40 feet in length, to meet the requirements of the specifications for driving.)

7. White Oak Fender Piles, about 45 feet long.... 14

8. 7/8" x 28", 7/8" x 26", 7/8" x 22", 7/8" x 16", 7/8" x 14", 7/8" x 12", 3/4" x 22", 3/4" x 20", 3/4" x 18", 3/4" x 16", 3/4" x 14", 3/4" x 12", 3/4" x 9", 3/8" x 14", 3/8" x 12", and 3/8" x 10" square, and 5/8" x 8" and 5/8" x 8" round Wrought-iron Spike-pointed Dock Spikes and 40d. Nails, about..... 33,881 pounds.

9. Boiler-plate Armatures and Wrought-iron Strap-bolts and Washers, about..... 14,325 "

10. 2", 1 1/2", 1 1/4", 1 1/8" and 1" Wrought-iron Screw-bolts and Nuts, about..... 18,177 "

11. Cast-iron Washers for 1 1/4", 1 1/8" and 1" Screw-bolts, about..... 9,818 "

12. Cast-iron Pier Shoes, about..... 14,176 "

13. Cast-iron Mooring-posts, about..... 18,000 "

14. Excavation of cribwork, about..... 575 cubic yards.

15. Removal and piling of pavement, about..... 56 square yards.

16. Relaying pavement, about..... 56 "

17. Materials for Painting and Oiling or Tarring.

18. Labor of removing Pier, old 7, at the foot of Coenties Slip, East river, and of removing all the old material from the premises.

19. Labor of every description for about 25,475 square feet of new Pier and Approach.

CLASS II.

Rip-rap stone furnished and put in place at outer end and along the sides of the new pier, about 1,410 cubic yards.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, 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 location of the proposed work, 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 and the plans therein referred to. No extra compensation, beyond the amount payable for each class of the work before mentioned, which shall be actually performed, at the prices therefor, 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 all the work contracted for is to be fully completed on or before the 17th day of June, 1889, or within as many days thereafter as the site of the new pier and approach may be occupied by the Department of Docks in dredging, after the date of the contract, and the damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the said pier to be removed under this contract will be relinquished to the contractor, and bidders must estimate the value of such material when considering the prices for which they will do the work under the contract.

Bidders will state in their estimates a price for the whole of the work to be done in each class in conformity with the approved form of agreement and the specifications therein set forth, by which prices the bids will be tested. These prices are to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, from any cause, in the performing of the work thereunder. The award of the contract, if awarded, will be made to the bidder who is the lowest for doing the whole of the work comprised in both classes, and whose estimate is regular in all respects.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing each class of the 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; and 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 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 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 on 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 in each class 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 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 enclosed 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,
CHARLES A. SILLIMAN,
Commissioners of the Department of Docks.

Dated New York, January 18, 1889.

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

TO CONTRACTORS.

(No. 294.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT PIER 48, EAST RIVER (WEST SIDE).

ESTIMATES FOR DREDGING AT PIER 48, 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

FRIDAY, FEBRUARY 1, 1889,

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 Hundred and Fifty 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:

Pier 48, East river (west side)..... 7,000 cubic yards.

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:

(1.) Bidders must satisfy themselves, by personal examination, of the location 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.

(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 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 1st day of March, 1889, 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.

All the material excavated is to be removed by the Contractor, and deposited in all respects according to law.

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; and 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 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 enclosed 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,
CHARLES A. SILLIMAN,
Commissioners of the Department of Docks.

Dated New York, January 19, 1889.

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

TO CONTRACTORS.

(No. 292.)

PROPOSALS FOR ESTIMATES FOR REPAIRING THE OUTER END OF PIER, NEW 43, N. R., NEAR THE FOOT OF BARROW STREET, NORTH RIVER.

ESTIMATES FOR REPAIRING THE OUTER End of Pier, new 43, North river, near the foot of Barrow street, 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

TUESDAY, JANUARY 22, 1889,

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 Three Hundred and Fifty 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"..... 798
" 12" x 12"..... 12,351
" 10" x 12"..... 970
" 10" x 10"..... 500
" 8" x 12"..... 2,792
" 8" x 8"..... 432
" 7" x 12"..... 119
" 7" x 10"..... 146
" 6" x 12"..... 1,846
" 6" x 10"..... 70
" 5" x 12"..... 1,435
" 5" x 11"..... 4,620
" 5" x 10"..... 16,733
" 5" x 6"..... 60
" 3" x 6"..... 68

Total..... 42,940

Feet, B. M., measured in the work.

2. White Oak Timber, 8" x 12"..... 1,008
" 6" x 12"..... 192

Total..... 1,200

NOTE.—The above quantities of timber are inclusive of extra lengths required for scarfs, laps, etc., but are exclusive of waste.

3. White Pine, Yellow Pine, Norway Pine or Cypress Piles..... 48

(The piles will be from 80 to 85 feet in length, to average about 83 feet in length.)

4. 3/8" x 50", 3/8" x 24", 3/8" x 22", 3/8" x 18", 3/8" x 16", 3/8" x 14", 3/8" x 12", 3/4" x 22", 3/4" x 20", 3/4" x 16", 3/4" x 14", 3/4" x 12", 3/4" x 9", 3/8" x 14", 3/8" x 12", and 3/8" x 10" square, and 5/8" x 8" and 5/8" x 5" and 1/2" x 8" round, Wrought-iron Spike-pointed Dock Spikes, about..... 8,316 pounds.

5. Boiler-plate Armatures and Wrought-iron Straps, Strap-bolts and Washers, about..... 10,851 "

6. 1 1/8" and 1" Wrought-iron Screw-bolts and Nuts, about..... 1,028 "

7. Cast-iron Washers for 1 1/8" and 1" Screw Bolts, about..... 614 "

8. White Oak Piles, about 55 feet long..... 20

9. Labor of framing and carpentry, including all moving of timber, jointing, planing, bolting, spiking, painting, oiling or tarring, and furnishing the materials for painting, oiling or tarring, and labor of every description.

10. Labor of removing so much of Pier, new 43, North river, at the foot of Barrow street, North river, as is to be removed under this contract, and of removing all the old materials from the premises.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, 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 location of the proposed work, 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 and the plans therein referred to. 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 work of collecting materials under the contract is to be commenced within five days after the date of the contract, and the work to be done on the premises under the contract is to be begun within five days from the receipt of a notice from the Engineer that the work may be begun, and all the work contracted for is to be fully completed on or before the sixth day of March, 1889, 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 thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the said Pier, new 43, North river, to be removed under this contract, will be relinquished to the contractor, and bidders must estimate the value of such material when considering the price for which they will do the work under the contract.

Bidders will state in their estimates a price for the whole of the work to be done 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 the 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, 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 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 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,
CHARLES A. SILLIMAN,
Commissioners of the Department of Docks.
Dated New York, January 9, 1889.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 9),
No. 300 MULBERRY STREET,
NEW YORK, 1887.

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.

BOARD OF EDUCATION.

COMMENCING MONDAY, JANUARY 14, 1889,
a course of free lectures on the Natural Sciences and kindred subjects, for the benefit of workmen and working women, will be delivered in the following schools:

Grammar School No. 27, Nos. 268 and 270 East Forty-second street.
Grammar School No. 42, No. 30 Allen street.
Grammar School No. 51, No. 523 West Forty-fourth street.
Grammar School No. 67, Nos. 223 to 229 West Forty-first street.
Grammar School No. 82, corner of Seventieth street and First avenue.
Grammar School No. 83, No. 216 East One Hundred and Tenth street.

The lectures will begin at eight o'clock P. M., and will be given every Monday and Thursday evening during the months of January, February, March and April, 1889.

DE WITT J. SELIGMAN,
Chairman,
GRACE H. DODGE,
MILES M. O'BRIEN,
W. J. WELCH,
R. GUGGENHEIMER,
Committee on Evening Schools.

ARTHUR McMULLIN,
Clerk.

FINANCE DEPARTMENT.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
January 15, 1889.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 997 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 assessment list for the opening of One Hundred
and Eleventh street, between Eighth and Manhattan
avenues, which was confirmed by the Supreme Court
January 2, 1889, and entered on the 6th day of January,
1889, 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 assessment, interest will
be collected thereon, as provided in section 998 of said
"New York City Consolidation Act of 1882."

Section 998 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 assessment is 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," Room 31, Stew-
art Building, between the hours of 9 A. M. and 2 P. M.,
and all payments made thereon, on or before March 18,
1889, 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.

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 trans-
fers of real estate in the City of New York from 1653 to
1857, 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.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
No. 301 MOTT STREET,
NEW YORK, August 2, 1888.

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, August 2,
1888, the following resolution was adopted:

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

Section 219. In every public hospital and dispensary
in the City of New York there shall be provided and
maintained a suitable room or rooms and place for the
temporary isolation of persons infected with contagious
disease, who shall immediately be separated from the
other persons and other patients at such dispensary or
hospital. It shall be the duty of the physician or phy-
sicians, of the officers, managers and of every one in
charge of a hospital or dispensary, and of every one who
has any duty or office in respect to patients in the course
of treatment, or persons who apply for treatment or care
at a dispensary or hospital, to see that a report is im-
mediately made to the Health Department of the City of
New York of every person infected with a contagious
disease who comes to their knowledge, and that such
person or persons so infected are properly isolated and
kept separate from other persons and other patients.

[L. S.] JAMES C. BAYLES,
President.

EMMONS CLARK,
Secretary.

HEALTH DEPARTMENT, No. 301 MOTT STREET,
NEW YORK, January 31, 1888.

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, January 27, 1888,
the following resolution was adopted:

Resolved, That section 18 of the Sanitary Code be
and is hereby amended so as to read as follows:

Sec. 18. That no owner or lessee of any building,
or any part thereof, shall lease or let, or hire out the
same or any portion thereof, to be occupied by any per-
son, or allow the same to be occupied, as a place in which,
or for any one, to dwell or lodge, except when said build-
ings or such parts thereof are sufficiently lighted, ven-
tilated, provided and accommodated, and are in all
respects in that condition of cleanliness and wholesome-
ness, for which this Code or any law of this State pro-
vides, or in which they or either of them require any
such premises to be kept. Nor shall any such person

rent, let, hire out, or allow, having power to prevent the
same to be used as for a place of sleeping or residence,
any portion or apartment of any building, which apart-
ment or portion has not at least one foot of its height
and space above the level of every part of the sidewalk
and curbstone of any adjacent street, nor of which the
floor is damp by reason of water from the ground, or
which is impregnated or penetrated by any offensive
gas, smell, or exhalation prejudicial to health. But this
section shall not prevent the leasing, renting, or occu-
pancy of cellars or rooms less elevated than aforesaid
and as a part of any building rented or let, when they
are not let or intended to be occupied or used by any
person as a sleeping apartment, or as a principal or sole
dwelling apartment.

[L. S.]

JAMES C. BAYLES,
President.

EMMONS CLARK,
Secretary.

JURORS.

NOTICE
IN RELATION TO JURORS FOR STATE
COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,
Room 127, STEWART BUILDING,
CHAMBERS STREET AND BROADWAY,
NEW YORK, June 1, 1888.

APPLICATIONS FOR EXEMPTIONS WILL BE
heard here, from 9 to 4 daily, from all persons
hitherto liable or recently serving who have become
exempt, and all needed information will be given.

Those who have not answered as to their liability, or
proved permanent exemption, will receive a "jury en-
rollment notice" requiring them to appear before me
this year. Whether liable or not, such notices must be
answered (in person, if possible, and at this office only)
under severe penalties. I exempt, the party must bring
proof of exemption; if liable, he must also answer in
person, giving full and correct name, residence, etc., etc.
No attention paid to letters.

Persons "enrolled" as liable must serve when called
or pay their fines. No mere excuse will be allowed or
interference permitted. The fines if unpaid will be en-
tered as judgments upon the property of the delinquents.

All good citizens will aid the course of justice, and
secure reliable and respectable juries, and equalize their
duty by serving promptly when summoned, allowing
their clerks or subordinates to serve, reporting to me any
attempt at bribery or evasion, and suggesting names for
enrollment. Persons between sixty and seventy years of
age, summer absentees, persons temporarily ill, and
United States jurors are not exempt.

Every man must attend to his own notice. It is a mis-
deemeanor to give any jury paper to another to answer.
It is also punishable by fine or imprisonment to give or
receive any present or bribe, directly or indirectly, in
relation to a jury service, or to withhold any paper or
make any false statement, and every case will be fully
prosecuted.

CHARLES REILLY,
Commissioner of Jurors.

DEPARTMENT OF PUBLIC CHAR-
ITIES AND CORRECTION.

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

TO CONTRACTORS.

PROPOSALS FOR THE EQUIPMENT OF
AN INCANDESCENT ELECTRIC LIGHT
PLANT ON HART'S ISLAND

will be received at the office of the Department of Public
Charities and Correction, No. 66 Third avenue, in the
City of New York, until 9.30 o'clock A. M. of Thursday,
January 31, 1889. The person or persons making any
bid or estimate shall furnish the same in a sealed en-
velope, indorsed "Bid or Estimate for Electric Light on
Hart's Island," and with his or their name or names,
and the date of presentation, to the head of said Depart-
ment, at the said office, on or before the day and hour
above named, at which time and place the bids or esti-
mates 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 ESTI-
MATES 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 Cor-
poration upon debt or contract, or who is a defaulter, as
surety or otherwise, upon any obligation to the Corpora-
tion.

Each bidder must give the location and state the name
of the purchaser where an Incandescent Electric Light
Plant of the system bid for has been in successful opera-
tion for six months or more prior to the date of his bid.
If the Plant designated in said bid shall not be deemed
satisfactory by the Board of Public Charities and Cor-
rection, the bid will be rejected.

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

Any bidder for this contract must be known to be en-
gaged 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 and guarantee the successful working of the
Plant and system accepted, for six months after the
completion of the contract for the equipment of said
Plant or system, by his or their bond, with two sufficient
sureties, each in the penal amount of twenty thousand
(\$20,000) dollars.

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 inter-
ested 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 con-
sent, 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 for the successful
working of the said Plant or system for the period of six
months from the date of the completion thereof; and that
if he shall omit or refuse to execute the same, they shall
pay to the Corporation any difference between the sum to
which he would be entitled on its completion and that
which the Corporation may be obliged to pay to the person
or persons to whom the contract may be awarded at any
subsequent letting; the amount in each case to be cal-
culated upon the estimated amount of the work by
which the bids are tested. The consent above men-
tioned 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 accom-
panied by either a certified check upon one of the Na-
tional or State 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 con-
taining the estimate, but must be handed to the officer
or clerk of the Department who has charge of the Esti-
mate-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 depos-
its, 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 forfeit-
ed to and retained by the City of New York, as li-
quidated damages for such neglect or refusal; but if
he shall execute the contract within the time aforesaid,
the amount of his deposit will be returned to him.

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

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

Payment will be made by a requisition on the Com-
ptroller, in accordance with the terms of the contract,
from time to time, as the Commissioners may determine.

The form of the contract, including specifications,
and showing the manner of payment, can be obtained at
the office of the Department; and bidders are especially
cautioned to examine each and all of its provisions care-
fully, as the Board of Public Charities and Correction
will insist upon its absolute enforcement in every particu-
lar.

NEW YORK, January 18, 1889.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHAS. E. SIMMONS, M. D., Commissioner,
Public Charities and Correction.

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

TO CONTRACTORS.

PROPOSALS FOR ELEVEN HUNDRED
AND EIGHTY TONS OF WHITE ASH
COAL.

SEALED BIDS OR ESTIMATES FOR FUR-
nishing eleven hundred and eighty (1,180) tons
White Ash Coal, as required, during the year 1889, and
in accordance with the specifications, will be received at
the office of the Department of Public Charities and Cor-
rection, No. 66 Third avenue, in the City of New York,
until 9.30 o'clock A. M. of Monday, January 28, 1889.
The person or persons making any bid or estimate shall
furnish the same in a sealed envelope, indorsed "Bid or
Estimate for 1,180 Tons White Ash Coal," 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 ESTI-
MATES 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 a con-
tract 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 en-
gaged 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, each in the penal amount of THREE
THOUSAND (\$3,000) DOLLARS.

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 with-
out 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 offi-
cer of the Corporation, is directly or indirectly inter-
ested 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 con-
sent, in writing, of two householders or freeholders in
the City of New York, with their respective places of
business or residence, to the effect that if the contract
be awarded to the person making the estimate, they
will, on its being so awarded, become bound as his
sureties for its faithful performance; and that if he shall
omit or refuse to execute the same, they shall pay to
the Corporation any difference between the sum to
which he would be entitled on its completion, and that
which the Corporation may be obliged to pay to the
person or persons to whom the contract may be awarded
at any subsequent letting; the amount in each case to be
calculated upon the estimated amount of the Coal by
which the bids are tested. The consent above men-
tioned 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 accom-
panied by either a certified check upon one of the Na-
tional or State 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 Depart-
ment who has charge of the Estimate-box, and no

estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

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

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, 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, January 16, 1889.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHARLES E. SIMMONS, M. D., Commissioner,
Public Charities and Correction.

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

TO CONTRACTORS.

PROPOSALS FOR TWENTY-EIGHT THOUSAND (28,000) TONS OF WHITE ASH COAL.

SEALED BIDS OR ESTIMATES FOR FURNISHING the Department of Public Charities and Correction during the year 1889, as may be required and in accordance with the specifications,

TWENTY-EIGHT THOUSAND (28,000) TONS (2,240 POUNDS EACH) OF WHITE ASH COAL will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 9.30 o'clock A. M. of Monday, January 28, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for 28,000 Tons White Ash Coal," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the 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, each in the penal sum of **THIRTY THOUSAND (\$30,000) DOLLARS**.

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 shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the Coal 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 all his liabilities, as bail, surety, or otherwise; and that he has offered himself as 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 National or State banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has

been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will 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.

The form of the contract, including specifications, 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, January 16, 1889.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHARLES E. SIMMONS, M. D., Commissioner,
Public Charities and Correction.

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

TO CONTRACTORS.

PROPOSALS FOR GROCERIES, HARDWARE, OIL, ETC., AND LUMBER.

SEALED BIDS OR ESTIMATES FOR FURNISHING

GROCERIES, ETC.

6,600 pounds Dairy Butter, sample on exhibition Thursday, January 24, 1889.
1,800 pounds Cheese.
4,400 dozen Fresh Eggs, all to be candled.
214 barrels good, sound White Potatoes, to weigh 172 pounds net per barrel.
50 barrels prime Red or Yellow Onions, to weigh 150 pounds net per barrel.
100 barrels prime Carrots, 130 pounds net per barrel.
1,600 heads prime good sized Cabbage, to be delivered in crates or barrels.
100 bags Bran, 50 pounds net each.
100 bags Coarse Meal, 100 pounds net each.
100 bags Fine Meal, 100 pounds net each.

HARDWARE, OIL, ETC.

200 gross Wood Screws, first quality—25 each $\frac{3}{4}$ " No. 8, 1" Nos. 8, 10 and 12, $1\frac{1}{2}$ " Nos. 10 and 14, $1\frac{3}{4}$ " No. 12, 2" No. 10.
10 gross Tinned Kettle Ears No. 8.
50 barrels Standard White Kerosene Oil, 150° test.
10 bales Broom Corn.

LUMBER.

2,000 feet first quality, thoroughly seasoned edged or vertical grained Georgia Yellow Pine Flooring, $1\frac{1}{4}$ " x 3 $\frac{1}{2}$ ", dressed, tongued and grooved.
200 first quality Split Joists.
200 feet first quality, thoroughly seasoned Georgia Yellow Pine, 2" x 10".
400 feet first quality thoroughly seasoned Georgia Yellow Pine Flooring, edged or vertical grained, $1\frac{1}{4}$ " x 3 $\frac{1}{2}$ ", dressed, tongued and grooved.
4,000 square feet first quality White Pine Fence Boards, tongued, grooved and beaded, dressed one side.
250 Fence Boards, first quality white pine, tongued, and grooved, dressed one side, scratch beaded, 1" x 10 x 13".
2,000 square feet first quality Spruce Flooring, 2" x 9" x 16 feet, dressed, tongued and grooved.
50 first quality Spruce Joists, 3 x 6 x 16 feet.
50 first quality Spruce Studs, 3 x 4 x 16 feet.
3 first quality Spruce Stanchions, 6" diameter x 8' 2".

All lumber to be delivered at Blackwell's Island.

—will be received at the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M., of Friday, January 25, 1889. The person or persons making any bid or estimate shall furnish the same in a sealed envelope indorsed "Bid or estimate for Groceries, Hardware, Oil, etc., and Lumber," 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, each 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 shall pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and 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 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, 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, January 14, 1889.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHARLES E. SIMMONS, M. D., Commissioner,
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, January 17, 1889.

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 Workhouse, Blackwell's Island—John Switzer, aged 52 years. Committed December 19, 1888.

At Homeopathic Hospital, Ward's Island—Nicholas Coogan, aged 45 years; 5 feet 10 inches high; blue eyes; brown hair. Had on when admitted brown overcoat, jean pants, blue calico jumper, gaiters, black derby hat.

Nothing known of their friends or relatives.

By order,

G. F. BRITTON,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, January 8, 1889.

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 Work House, Blackwell's Island, Dennis Donohue, aged 38 years. Committed August 17, 1888.

Sarah Wilson, aged 50 years. Committed November 29, 1888.

Patrick Torpey, aged 69 years. Committed December 18, 1888.

Nothing known of their friends or relatives.

By order,

G. F. BRITTON,
Secretary.

DEPARTMENT OF PUBLIC PARKS.

DEPARTMENT OF PUBLIC PARKS,
Nos. 49 and 51 CHAMBERS STREET,
NEW YORK, January 16, 1889.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Department of Public Parks, in the City of New York, will, at their office, Nos. 49 and 51 Chambers street, in the Emigrants' Savings Bank Building, in said city, on Wednesday, January 30, 1889, at 11 o'clock A. M., hear and consider all statements, objections and evidence that may then and there be offered in reference to a contemplated change in the lines of Brookline street, from the Kingsbridge road to Marion avenue, in the Twenty-fourth Ward.

The general character and extent of the proposed change consist in changing the lines and discontinuing and closing portions of Brookline street, between the Kingsbridge road and Marion avenue, and in discontinuing and closing a portion of Bainbridge avenue, at its intersection with Brookline street.

A map showing the proposed change is on exhibition in said office.

J. HAMPDEN ROBB,
M. C. D. BORDEN,
WALDO HUTCHINS,
STEVENSON TOWLE,
Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,
Nos. 49 and 51 CHAMBERS STREET,
NEW YORK, January 11, 1889.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH OF the following-mentioned work, with the title of the work and the name of the bidder indorsed thereon, will be received by the Department of Public Parks, at its offices, Nos. 49 and 51 Chambers street, until eleven o'clock A. M. on Wednesday, January 23, 1889:

FOR REGULATING, GRADING, SETTING CURB-STONES AND FLAGGING THE SIDEWALKS OF RIDER AVENUE, FROM ONE HUNDRED AND THIRTY-FIFTH TO ONE HUNDRED AND FORTY-FOURTH STREET.

The nature and extent of the work, as near as it is possible to state them, in advance, is as follows:

1,100 cubic yards of earth excavation.
3,300 cubic yards of filling.
4,700 linear feet of new curb stone furnished and set.
19,200 square feet of new flagging furnished and laid.
25 cubic yards of dry rubble masonry other than in retaining walls.

Also the time required for the completion of the whole

work, which will be tested at the rate of THREE DOLLARS per day.

As the above-mentioned quantities, though stated with as much accuracy as is possible in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing statement, and shall not, at any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the depth of the excavation to be made, or the nature or amount of the work to be done.

Bidders will be required to complete the entire work to the satisfaction of the Department of Public Parks, and in substantial accordance with the specifications for the work and the plans therein referred to. No extra compensation beyond the amount payable for the several classes of work before enumerated, which shall be actually performed at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The person making any bid or estimate must furnish the same, inclosed in a sealed envelope, to the head of said Department, at his office, on or before the day and hour above mentioned.

The envelope must be indorsed with the name or names of the person presenting the same, the date of its presentation, and a statement of the work to which it relates.

The estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they 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 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 surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

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

N. B.—The prices must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid 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 amount in which security will be required for the performance of the contract is \$5,000.

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received. But the contract when awarded will be awarded to the lowest bidder.

Blank forms for proposals and forms of contract which the successful bidders will be required to execute, can be had at the office of the Secretary, and the plans can be seen and information relative to them can be had, at the office of the Department, Nos. 49 and 51 Chambers street.

J. HAMPDEN ROBB,
M. C. D. BORDEN,
WALDO HUTCHINS,
STEVENSON TOWLE,
Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,
Nos. 49 and 51 CHAMBERS STREET,
NEW YORK, January 2, 1889.

NOTICE IS HEREBY GIVEN THAT THE Commissioners of the Department of Public Parks, in the City of New York, will, at their office, Nos. 49 and 51 Chambers street, in the Emigrants' Savings Bank Building, in said city, on Wednesday, January 23, 1889, at 11 o'clock A. M., hear and consider all statements, objections and evidence that may then and there be offered in reference to a contemplated change in the lines of East One Hundred and Eightieth and Folin streets and Anthony avenue, Twenty-fourth Ward, in pursuance of the provisions of chapter 721 of the Laws of 1887.

The contemplated change consists in discontinuing and closing East One Hundred and Eightieth street, between Morris and Valentine avenues, and Folin street, between Valentine and Tiebout avenues, and changing the lines of Anthony avenue, between East One Hundred and Eighty-first street and Burnside avenue.

A map showing the proposed change is on exhibition in said office.

J. HAMPDEN ROBB,
M. C. D. BORDEN,
WALDO HUTCHINS,
STEVENSON TOWLE,
Commissioners of Public Parks.

DEPARTMENT OF STREET
CLEANING.

NOTICE.

PERSONS HAVING BULKHEADS TO FILL, IN the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, at No. 51 Chambers street.

J. S. COLEMAN,
Commissioner of Street Cleaning

DEPARTMENT OF TAXES AND
ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,
STAATS ZEITUNG BUILDING,
NEW YORK, January 14, 1889.

IN COMPLIANCE WITH SECTION 817 OF THE City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate" of the City and County of New York, for the year 1889, are and will remain open for examination and correction until the thirtieth day of April, 1889.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law.

Applications for correction of assessed valuations on personal estate must be made by the person assessed, to the said Commissioners, between the hours of 10 A. M. and 2 P. M., except on Saturdays, when between 10 A. M. and 12 M., at this office, during the same period.

MICHAEL COLEMAN,
THOMAS L. FEITNER,
EDWARD L. PARRIS,
Commissioners of Taxes and Assessments.

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 to that part of EAST ONE HUNDRED AND FORTY-SECOND STREET (although not yet named by proper authority) extending from Rider avenue to St. Ann's 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 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 these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 28th day of February, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 28th day of February, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 3 o'clock, P. M.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 28th day of February, 1889.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: 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 Forty-second street and East One Hundred and Forty-third street; easterly by the westerly side of St. Ann's avenue; southerly by the centre line of the blocks between East One Hundred and Forty-first street and East One Hundred and Forty-second street, and westerly by the easterly side of Rider 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, at the City Hall, in the City of New York, on the twenty-ninth day of March, 1889, 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, January 18, 1889.

JAMES J. TRAYNOR,
PETER MCGINNESS,
MAX MOSES,
Commissioners.

CARROLL BERRY,
Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonality of the City of New York, to certain lands at the northwest corner of Sixty-eighth street and Tenth avenue, in the Twenty-second Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, the Board of Education hereby gives notice that the Counsel to the Corporation will make application to a Special Term of the Supreme Court of the State of New York in and for the First Department, to be held at the Chambers of said Court in the County Court-house, in the City of New York, on the 14th day of February, 1889, at the opening of the Court on that day or as soon thereafter as Counsel can be heard thereon, for the appointment of a Commissioner of Estimate in the above-entitled proceeding, in the place and stead of Edward L. Parris, who declines to serve.

Dated NEW YORK, January 17, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonality of the City of New York, to certain lands at the northwest corner of Ninety-third street and Tenth avenue, in the Twelfth Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, the Board of Education hereby gives notice that the Counsel to the Corporation will make application to a Special Term of the Supreme

Court of the State of New York, in and for the First Department, to be held at the Chambers of said Court in the County Court-house in the City of New York, on the 14th day of February, 1889, at the opening of the court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of a Commissioner of Estimate in the above-entitled proceeding, in the place and stead of Edward L. Parris, who declines to serve.

Dated, NEW YORK, January 17, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 to certain lands in the Sixth Ward of the City of New York, bounded by Park, Mulberry, Bayard and Baxter streets, for a public park, as laid out by said Board, under and in pursuance of chapter 320 of the Laws of 1887.

PURSUANT TO THE PROVISIONS OF CHAPTER 320 of the Laws of 1887, the Mayor, Aldermen and Commonality of the City of New York hereby give notice that the Counsel to the Corporation will make application to a Special Term of the Supreme Court of the State of New York in and for the First Department, to be held at the Chambers of said Court in the County Court-house in the City of New York, on the 14th day of February, 1889, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of a Commissioner of Estimate in the above-entitled proceeding in the place and stead of Edward L. Parris, resigned.

Dated NEW YORK, January 17, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 EAST ONE HUNDRED AND SEVENTY-SECOND STREET (although not yet named by proper authority), extending from Vanderbilt avenue East to Third avenue, in the Twenty-fourth 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of February, 1889, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Seventy-second street, extending from Vanderbilt avenue East to Third avenue, in the Twenty-fourth 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, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Third avenue, distant 527.87 feet northerly from the intersection of the northern line of Wendover avenue with the western line of Third avenue.

1st. Thence northerly along the western line of Third avenue for 60.29 feet.

2d. Thence westerly, deflecting 95° 39' 04" to the left, for 869.31 feet.

3d. Thence southerly, deflecting 89° 55' 46" to the left, for 60 feet.

4th. Thence easterly, for 863.44 feet, to the point of beginning.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated NEW YORK, January 8, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 BOSCOBEL AVENUE (although not yet named by proper authority), extending from the easterly approach to the bridge over the Harlem river at West One Hundred and Eighty-first street to Jerome avenue, in the Twenty-third and Twenty-fourth Wards 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of February, 1889, at the opening of the court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Boscobel avenue, extending from the easterly approach to the bridge over the Harlem river at West One Hundred and Eighty-first street to Jerome avenue, in the Twenty-third and Twenty-fourth Wards 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, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the northern and eastern lines of the land acquired for the approach to the bridge over the Harlem river at West One Hundred and Eighty-first street.

1st. Thence easterly along the prolongation of the northern line of said approach for 23.87 feet.

2d. Thence southeasterly, deflecting 17° 14' 26" to the right, for 66.18 feet.

3d. Thence southerly, curving to the right on the arc of a circle whose radius forms an angle of 85° 59' 35" to the southwest with the prolongation of the preceding course, and is 230 feet for 208.65 feet.

4th. Thence southerly on a line tangent to the preceding course for 324.28 feet.

5th. Thence southerly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 300 feet for 164.76 feet.

6th. Thence southeasterly on a line tangent to the preceding course for 1,021.31 feet.

7th. Thence southerly, deflecting 30° 39' 30" to the right, for 299.50 feet.

8th. Thence southwesterly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 440 feet for 161.27 feet.

9th. Thence southwesterly on a line tangent to the preceding course for 437.54 feet.

10th. Thence southerly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 135 feet for 57.75 feet.

11th. Thence southerly on a line tangent to the preceding course for 528.15 feet to the western line of Jerome avenue.

12th. Thence southwesterly along the western line of Jerome avenue for 108.95 feet.

13th. Thence northerly, deflecting 132° 45' 10" to the right, for 602.11 feet.

14th. Thence northerly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 215 feet for 91.98 feet.

15th. Thence northeasterly on a line tangent to the preceding course for 437.54 feet.

16th. Thence northeasterly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 360 feet for 131.95 feet.

17th. Thence northerly on a line tangent to the preceding course for 277.57 feet.

18th. Thence northwesterly, deflecting 30° 39' 30" to the left, for 999.38 feet.

19th. Thence northerly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 380 feet for 208.70 feet.

20th. Thence northerly on a line tangent to the preceding course for 286.97 feet.

21st. Thence northwesterly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 145.63 feet for 158.29 feet.

22d. Thence northwesterly on a line which forms an angle of 113° 21' 36" to the right with the radius drawn through the northern extremity of the preceding course for 67.81 feet.

23d. Thence westerly, deflecting 26° 27' 35" to the left for 20.41 feet, to the intersection of the southern and eastern lines of the approach to the bridge over the Harlem river at West One Hundred and Eighty-first street.

24th. Thence northeasterly along the eastern line of said approach for 101.98 feet to the point of beginning.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated NEW YORK, January 8, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 the opening of ONE HUNDRED AND THIRTY-FOURTH STREET, from the Boulevard to Tenth avenue, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of February, 1889, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as One Hundred and Thirty-fourth street, from the Boulevard to Tenth avenue, in the Twelfth Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the westerly line of Tenth avenue, distant 199 feet 10 inches northerly from the northerly line of One Hundred and Thirty-third street; thence westerly and parallel with said street, distance 775 feet, to the easterly line of the Boulevard; thence northerly along said line 60 feet; thence easterly 775 feet to the westerly line of Tenth avenue; thence southerly along said line 60 feet, to the point or place of beginning.

Said street to be 60 feet wide between the Boulevard and Tenth avenue.

Dated NEW YORK, January 8, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 BIRCH STREET (although not yet named by proper authority), extending from Wolf street to Marcher 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.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of February, 1889, at the opening of the court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Birch street, extending from Wolf street to Marcher 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, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point distant 2,275.73 feet easterly from the eastern line of Tenth avenue and 4,366.68 feet northerly of the eastern prolongation of the southern line of One Hundred and Fifty-fifth street, measured at right angles to the same.

1st. Thence easterly on a line forming an angle of 70° 27' 45" to the northeast with a line parallel to the Tenth avenue for 1,342.90 feet.

2d. Thence southerly on the arc of a circle whose centre lies easterly of the eastern extremity of the first course and whose radius, drawn through said eastern extremity, forms an angle of 5° 21' 35" northwardly with the eastern prolongation of the preceding course and is 680 feet for 60.11 feet.

3d. Thence westerly, on a line which forms an angle of 178° 38' 43" southerly with a radius of the preceding course drawn through its southern extremity, for 1,304.61 feet.

4th. Thence northerly for 69.35 feet to the point of beginning.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated NEW YORK, January 8, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 the opening of FIFTY-SECOND STREET, from Eleventh avenue to the bulkhead-line, Hudson river, in the Twenty-second Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of February, 1889, at the opening of the court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Fifty-second street, from Eleventh avenue to the bulkhead-line, Hudson river, in the Twenty-second Ward of the City of New York, being the following described lots, pieces, or parcels of land, viz.:

Beginning at a point in the westerly line of Eleventh avenue, distant 200 feet 10 inches northerly from the northerly line of Fifty-first street; thence westerly and parallel with said street 1,050 feet to the bulkhead-line, Hudson river; thence northerly along said line 60 feet; thence easterly 1,050 feet to the westerly line of Eleventh avenue; thence southerly along said line 60 feet to the point or place of beginning.

Said street to be 60 feet wide between the Eleventh avenue and bulkhead-line, Hudson river.

Dated NEW YORK, January 8, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 the opening of FIFTY-FOURTH STREET, from Tenth avenue to the bulkhead-line, Hudson river, in the Twenty-second Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of February, 1889, at the opening of the court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Fifty-fourth street, from Tenth avenue to the bulkhead-line, Hudson river, in the Twenty-second Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the westerly line of Eleventh avenue, distant 200 feet 10 inches southerly from the southerly line of Fifty-fifth street; thence westerly and parallel with said street 800 feet to the easterly line of Eleventh avenue; thence southerly along said line 60 feet; thence easterly 800 feet to the westerly line of Eleventh avenue; thence northerly 60 feet to the point or place of beginning.

Also, beginning at a point in the westerly line of Tenth avenue, distant 200 feet 10 inches southerly from the southerly line of Fifty-fifth street; thence westerly and parallel with said street 800 feet to the easterly line of Eleventh avenue; thence southerly along said line 60 feet; thence easterly 800 feet to the westerly line of Tenth avenue; thence northerly along said line 60 feet to the point or place of beginning.

Said street to be 60 feet wide between the Tenth avenue and bulkhead-line, Hudson river.

Dated NEW YORK, January 8, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

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 certain lands required for a Public Park or Parks, Square or Squares, Place or Places, known as the High Bridge Park, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Saturday, the 2d day of February, 1889, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for a public park or parks, square or squares, place or places, known as the High Bridge Park, in the Twelfth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the northerly line of West One Hundred and Fifty-fifth street, distant 560 feet westerly of the western line of Eighth avenue.

1st. Thence westerly, along the northern line of West One Hundred and Fifty-fifth street, for 299.99 feet to Edgecombe road.

2d. Thence northerly, curving to the left on the arc of a circle, whose radius drawn through the western extremity of the preceding course, forms an angle of 27° 00' 54" southerly with the prolongation of the preceding course, and is 550 feet for 30.22 feet.

3d. Thence northerly, on a line tangent to the preceding course, for 154.95 feet.

4th. Thence northeasterly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 148.70 feet for 135.22 feet to a point of reverse curve.

5th. Thence northerly, on the arc of a circle whose radius is 300 feet for 300.05 feet.

6th. Thence northerly, on a line tangent to the preceding course, for 124.01 feet.

7th. Thence northeasterly, curving to the right on the arc of a circle, whose radius is 255 feet for 214.98 feet.

8th. Thence northeasterly, on a line tangent to the preceding course, for 500.00 feet.

9th. Thence northeasterly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 500 feet, for 108.60 feet.

10th. Thence northeasterly, on a line tangent to the preceding course, for 1,217.76 feet.

11th. Thence northeasterly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 800 feet for 425.68 feet to a point of reverse curve.

12th. Thence northerly, on the arc of a circle whose radius is 500 feet, for 617.56 feet.

13th. Thence northwesterly, on a line tangent to the preceding course, for 445.66 feet.

14th. Thence northerly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 100 feet for 87.46 feet.

15th. Thence northerly, on a line tangent to the preceding course, for 1,150.58 feet.

16th. Thence westerly, deflecting 90 degrees to the left, for 10 feet to the eastern line of Tenth avenue.

17th. Thence northerly, along the eastern line of Tenth avenue for 1,518.95 feet to the southern line of the lands taken for the bridge across the Harlem river at West One Hundred and Eighty-first street.

18th. Thence easterly, along the southerly line of the lands taken for the bridge across the Harlem river, at West One Hundred and Eighty-first street, for 632.88 feet.

19th. Thence southerly, deflecting 85° 28' 32" to the right, for 833.91 feet.

20th. Thence southerly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 2,700 feet for 501.18 feet.

21st. Thence southerly, on a line tangent to the preceding course, for 339.31 feet.

22d. Thence southerly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 900 feet for 117.23 feet.

23d. Thence easterly, on the prolongation of the radius of the preceding course drawn through its southern extremity, for 50 feet.

24th. Thence southerly, deflecting 96° 37' 50" to the right for 866.05 feet, to a point distant 150 feet westerly of the United States channel line.

25th. Thence southerly, on a line parallel to the United States channel line, and distant 150 feet therefrom, for 1,502.25 feet.

26th. Thence southwesterly, to a point distant 350 feet westerly of the United States channel line, 400 feet.

27th. Thence southeasterly, on a line parallel to the United States channel line, and distant 350 feet therefrom, for 839.28 feet.

28th. Thence westerly, on a line parallel to West One Hundred and Fifty-fifth street, for 352.84 feet.

29th. Thence southwesterly, deflecting 59° 57' 56" to the left, for 379.95 feet.

30th. Thence southerly, deflecting 41° 16' 24" to the left, for 577.12 feet.

31st. Thence southeasterly, curving to the left on the arc of a circle tangent to the preceding course whose radius is 300 feet, for 281.56 feet to the point of beginning; also

Beginning at the intersection of the eastern line of Tenth avenue with the northern line of the lands taken for the bridge across the Harlem river at West One Hundred and Eighty-first street.

1st. Thence northerly, along the easterly line of Tenth avenue, for 3,407.81 feet.

2d. Thence northerly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 463.40 feet for 477.30 feet.

3d. Thence northwesterly, on a line tangent to the preceding course, for 162.07 feet.

4th. Thence westerly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 300 feet, for 688.99 feet.

5th. Thence southerly, on a line tangent to the preceding course, for 21.29 feet.

6th. Thence southerly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 500 feet, for 369.57 feet, to a point of reverse curve.

7th. Thence southwesterly, on the arc of a circle, whose radius is 450.67 feet, for 77.98 feet.

8th. Thence northwesterly, curving to the right on the arc of a circle, whose radius drawn through the southern extremity of the preceding course, forms an angle of 30° 31' 38" northerly with the radius of the preceding course, drawn through the same point, and is 240 feet for 119.75 feet to a point of reverse curve.

9th. Thence northerly, on the arc of a circle, whose radius is 573.76 feet, for 418.88 feet.

10th. Thence northerly, on a line tangent to the preceding course, for 149.31 feet.

11th. Thence northerly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 270 feet, for 180.98 feet.

12th. Thence northeasterly, on a line tangent to the preceding course, for 149.98 feet.

13th. Thence northerly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 760 feet, for 323.32 feet.

14th. Thence northerly, on a line tangent to the preceding course, for 24.54 feet.

15th. Thence northwesterly, curving to the left on the arc of a circle tangent to the preceding course, whose radius is 342.05 feet, for 235.21 feet to a point of reverse curve.

16th. Thence northerly, on the arc of a circle, whose radius is 225.79 feet, for 157.08 feet.

17th. Thence northerly, on a line tangent to the preceding course, for 99.52 feet to the southerly line of Dyckman street.

18th. Thence southeasterly, deflecting 125° 01' 46" to the right, for 1,037.74 feet.

19th. Thence southeasterly, deflecting 23° 30' 03" to the right, for 1,221.58 feet.

20th. Thence southerly, curving to the left on the arc of a circle, whose radius, drawn through the southern extremity of the preceding course, forms an angle of 123° 55' 47" northerly with said course, and is 20,100 feet, for 1,659.73 feet.

21st. Thence southerly, on a line tangent to the preceding course, for 221.55 feet.

22d. Thence southerly, curving to the right on the arc of a circle tangent to the preceding course, and whose radius is 16,045.31 feet, for 643.01 feet to a point of reverse curve.

23d. Thence southerly, on the arc of a circle, whose radius is 17,788.26 feet, for 830.32 feet to the northern line of the lands taken for the bridge over the Harlem river at West One Hundred and Eighty-first street.

24th. Thence westerly, along the northern line of said lands, for 627.90 feet to the point of beginning.

Dated New York, December 28, 1888.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, No. 31 CHAMBERS ST.,
NEW YORK, January 11, 1889.

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, January 24, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR ALTERATIONS AND IMPROVEMENTS TO SEWER IN FIFTY-THIRD STREET, AT TENTH AVENUE.

No. 2. FOR SEWER IN LEXINGTON AVENUE, between Seventy-fourth and Seventy-fifth streets.

No. 3. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF SIXTIETH STREET, from Ninth to Tenth avenue.

No. 4. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF EIGHTY-SEVENTH STREET, from Avenue A to Avenue B.

No. 5. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND EIGHTEENTH STREET, from Fifth to Lenox avenue.

No. 6. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND FIFTY-SEVENTH STREET, from Tenth to Eleventh avenue.

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 estimate 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 a 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 enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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 9 and 1, No. 31 Chambers street.

D. LOWBER SMITH,
Commissioner of Public Works.

REGULATIONS ESTABLISHING A SCALE OF WATER RENTS AND RULES GOVERNING THE USE OF WATER, FOR THE CITY OF NEW YORK, BY ORDER OF JOHN NEWTON, COMMISSIONER OF PUBLIC WORKS.

UNDER CHAPTER 410, LAWS 1882, SECTIONS 350, 351, 352 and 353, and as amended by chapter 559, Laws 1887, as follows:

"The commissioner of public works shall, from time to time, establish scales of rents for the supplying of water, which rents shall be collected in the manner now provided by law, and which shall be apportioned to different classes of buildings in said city in reference to their dimensions, values, exposure to fires, ordinary uses for dwellings, stores, shops, private stables and other common purposes, number of families or occupants, or consumption of water, as near as may be practicable, and modify, alter, amend and increase such scale from time to time, and extend it to other descriptions of buildings and establishments. All extra charges for water shall be deemed to be included in the regular rents, and shall become a charge and lien upon the buildings upon which they are respectively imposed, and, if not paid, shall be returned as arrears to the clerk of arrears. Such regular rents, including the extra charges above mentioned, shall be collected from the owners or occupants of all such buildings respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be laid, and from which they can be supplied with water. Said rents, including the extra charges aforesaid, shall become a charge and lien upon such houses and lots, respectively, as herein provided, but no charge whatever shall be made against any building in which a water-meter may have been, or shall be placed as provided in this act. In all such cases the charge for water shall be determined only by the quantity of water actually used as shown by said meters. * * * * *

"The said commissioner of public works is hereby authorized to prescribe a penalty not exceeding the sum of five dollars for each offense, for permitting water to be wasted, and for any violation of such reasonable rules as he may, from time to time, prescribe for the prevention of the waste of water; such fines shall be added to the regular water rents."

The regular annual rents to be collected by the Department of Public Works shall be as follows, to wit:

Croton Water Rates for Buildings from 16 to 50 feet, all others not specified subject to Special Rates.

FRONT WIDTH.	1 Story.	2 Stories.	3 Stories.	4 Stories.	5 Stories.
16 feet and under.	\$4 00	\$5 00	\$6 00	\$7 00	\$8 00
16 to 18 feet....	5 00	6 00	7 00	8 00	9 00
18 to 20 feet....	6 00	7 00	8 00	9 00	10 00
20 to 22½ feet....	7 00	8 00	9 00	10 00	11 00
22½ to 25 feet....	8 00	9 00	10 00	11 00	12 00
25 to 30 feet....	10 00	11 00	12 00	13 00	14 00
30 to 37½ feet....	12 00	13 00	14 00	15 00	16 00
37½ to 50 feet....	14 00	15 00	16 00	17 00	18 00

The rent of all tenements which shall exceed in width fifty feet shall be the subject of special contract with the Commissioner of Public Works.

The apportionment of the regular rents upon dwelling-houses are on the basis that but one family is to occupy the same, and for each additional family, one dollar per year shall be charged.

Meters will be placed on all houses where waste of water is found, and they will be charged at rates fixed by the Department for all the water passing through them.

The extra and miscellaneous rates shall be as follows, to wit:

BAKESIES.—For the average daily use of flour, for each barrel, three dollars per annum.

BARBER SHOPS shall be charged from five to twenty dollars per annum each in the discretion of the Commissioner of Public Works; an additional charge of five dollars per annum shall be made for each bathtub therein.

BATHING TUBS in private houses, beyond one, shall be charged at three dollars per annum each, and five dollars per annum each in public houses, boarding-houses, and bathing establishments. Combination stationary wash-tubs, having a movable division in the centre and capable of use for bathing, shall be charged the same as bathing tubs.

BUILDING PURPOSES.—For each one thousand bricks laid, or for stone-work—to be measured as brick—ten cents per thousand. For plastering, forty cents per hundred yards.

COWS.—For each and every cow, one dollar per annum. DINING SALOONS shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

FISH STANDS (retail) shall be charged five dollars per annum each.

For all stables not metered, the rates shall be as follows: HORSES, PRIVATE.—For two horses there shall be charged six dollars per annum; and for each additional horse, two dollars.

HORSES, LIVERY.—For each horse up to and not exceeding thirty in number, one dollar and fifty cents each per annum; and for each additional horse, one dollar.

HORSES, OMNIBUS AND CART.—For each horse, one dollar per annum.

HORSE TROUGHS.—For each trough, and for each half barrel or tub on sidewalk or street, twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste.

HOTELS AND BOARDING HOUSES shall, in addition to the regular rate for private families, be charged for each lodging room, at the discretion of the Commissioner of Public Works.

LAUNDRIES shall be charged from eight to twenty dollars per annum, in the discretion of the Commissioner of Public Works.

LIQUOR AND LAGER BEER SALOONS shall be charged an annual rate of ten dollars each. An additional charge of five dollars per annum shall be made for each tap or wash-box.

PHOTOGRAPH GALLERIES shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

PRINTING OFFICES, when not metered, shall be charged at such rates as may be determined by the Commissioner of Public Works.

SODA, MINERAL WATER AND ROOT BEER FOUNTAINS shall be charged five dollars per annum each.

STEAM ENGINES, where not metered, shall be charged by the horse-power, as follows: For each horse-power up to and not exceeding ten, the sum of ten dollars per annum; for each exceeding ten, and not over fifteen, the sum of seven dollars and fifty cents each and for each horse-power over fifteen, the sum of five dollars.

WATER-CLOSETS AND URINALS.—To each building on a lot one water-closet having sewer connection is allowed without charge; each additional water-closet or urinal will be charged as hereinafter stated. All closets connected in any manner with sewer shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises. Urinals shall be charged two dollars per annum each.

WATER-CLOSET RATES.—For hoppers of any form, when water is supplied direct from the Croton supply, through any form of the so-called single or double valves, hopper-cocks, stop-cocks, self-closing cocks, or any valve or cock of any description attached to the closet, each, per year, twenty dollars.

For any pan closet, or any of the forms of valve, plunger, or other water-closet not before mentioned, supplied with water as above described, per year, ten dollars.

For any form of hopper or water-closet, supplied from the ordinary style of cistern filled with ball-cock, and overflow pipe that communicates with the pipe to the water-closet, so that overflow will run into the hopper or water-closet, when ball-cock is defective, or from which an unlimited amount of water can be drawn by holding up the handle, per year, each, five dollars.

For any form of hopper or water-closet, supplied from any of the forms of waste-preventing cisterns, that are approved by the Engineer of the Croton Aqueduct, which are so constructed that not more than three gallons of water can be drawn at each lift of the handle, or depression of the seat, if such cisterns are provided with an overflow pipe, such overflow pipe must not connect with the water-closet, but be carried like a safe-waste, as provided by the Board of Health regulations, per year, two dollars.

Cistern answering this description can be seen at this Department.

METERS.

Under the provisions of section 352, Consolidated Act 1882, water-meters, of approved pattern, shall be hereafter placed on the pipes supplying all stores, workshops, hotels, manufactories, public edifices, at wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, except private dwellings.

It is provided by section 352, Laws of 1882, that "all expenses of meters, their connections and setting, water rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied, as now provided by law." * * *

All manufacturing and other business requiring a large supply of water will be fitted with a meter.

Water measured by meter, ten cents per one hundred cubic feet.

Rate Without Meters.

PER DAY, GALLONS.	PER 100 GALLONS, RATE.	PER ANNUM, AMOUNT.
25	05	\$3 75
50	05	7 50
60	05	9 00
70	05	10 50
80	05	12 00
90	05	13 50
100	05	15 00
150	05	22 50
200	05	30 00
250	04½	33 75
300	04	36 00
350	03½	36 75
400	03½	42 00
500	03½	52 50
600	03½	63 00
700	03½	73 50
800	03½	82 00
900	03½	94 50
1,000	03½	105 00
1,500	03	135 00
2,000	02½	150 00
2,500	02½	180 00
3,000	02½	225 00
4,000	02½	280 00
4,500	02½	303 75
5,000	02½	333 50
6,000	02	360 00
7,000	02	420 00
8,000	02	480 00
9,000	02	540 00
10,000	02	600 00

The rate charged for steam-vessels taking water daily or belonging to daily lines, is one-half cent per ton (Custom House measurement) for each time they take water. Steamers taking water other than daily, one cent per ton (Custom House measurement).

Water supplied to sailing vessels and put on board, twenty-five cents per hundred gallons.

All matters not hereinbefore embraced are reserved for special contract by and with the Commissioner of Public Works.

HYDRANTS, HOSE, TROUGHS, FOUNTAINS, ETC., ETC.

No owner or tenant will be allowed to supply water to another person or persons.

All persons taking water from the City must keep their own service-pipes, street tap, and all fixtures connected therewith, in good repair, protected from frost, at their own risk and expense, and shall prevent all waste of water.

The use of hose to wash coaches, omnibuses, wagons, railway cars or other vehicles or horses, cannot be permitted.

No horse-troughs or horse-watering fixtures will be permitted in the street or on the sidewalk, except upon a license or permit taken out for that purpose. All licenses or permits must be annually renewed on the first of May. Such fixtures must be kept in good order and the water not allowed to drip or waste by overrunning the sidewalk or street, or to become dangerous in winter by freezing in and about such troughs or fixtures.

No hydrant will be permitted on the sidewalk or in the front area, and any hydrant standing in a yard or alley, attached to any dwelling or building, must not be left running when not in actual use, and if the drip or waste from such hydrant freezes and becomes dangerous in winter, the supply will be shut off in addition to the penalty of five dollars imposed.

Taps at wash-basins, water-closets, baths and urinals must not be left running, under the penalty of five dollars for each offense, which will be strictly enforced.

Fountains or jets in hotels, porter-houses, eating-saloons, confectioneries or other buildings are strictly prohibited.

The use of hose for washing sidewalks, stoops, areas, house-fronts, yards, court-yards, gardens, and about stables, is prohibited. Where premises are provided with wells, special permits will be issued for the use of hose, in order that the police or inspectors of this department may understand that the permission is not for the use of Croton water.

Opening fire-hydrants to fill hand sprinklers or other vessels will not be allowed.

The penalty for a violation of any of the preceding rules and regulations will be five dollars for each offense, and if not paid when imposed will become a lien on the premises in like manner as all other charges for unpaid water rates.

By order,
JOHN NEWTON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, June 21, 1887.

PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 559, Laws of 1887, amending sections 350 and 351 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.

D. LOWBER SMITH,
Deputy and Acting Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, November 10, 1886.

NOTICE TO CROTON WATER CONSUMERS.

NUMEROUS APPLICATIONS HAVE BEEN made to this Department by citizens claiming reductions or rebates on bills for water supplied through meters, on the alleged ground of leakage caused by defective plumbing and worn-out service pipes, or by willful waste of water by tenants allowing the faucets to be turned on in full force in water-closets, sinks, etc., without the knowledge or consent of the owners of the premises.

The main object of the use of water-meters is to enable this Department to detect and check the useless and unwarrantable waste of an element so valuable and essential to the health and comfort of all the citizens, and this object can only be accomplished by enforcing payment for the water wasted.

Under the law all charges for water supplied through meters are a lien against the respective premises, and the law therefore holds the owner of the premises responsible for the amount of water used or wasted.

Notice is therefore given to all householders that in all further applications for reduction of water rents, no allowance will be made on account of waste of water occurring through leaks, from defective service pipes or plumbing, or wasteful use of water by tenants or occupants of buildings, though such leakage or waste may have occurred without the knowledge or consent of the owners of the buildings.

House-owners are further notified that whenever their premises become vacant, and are likely to remain vacant, they must notify this Department in writing, and that unless this requirement is complied with no deductions in extra water rents will be allowed for any portion of one year.

JOHN NEWTON,
Commissioner of Public Works

GRANTS OF LANDS UNDER WATER.

THE OWNERS OF LANDS IN THE CITY OF New York, which were formerly under water, and which were granted by the City of New York, are notified that nearly all of the grants of such lands contain covenants, on the part of the grantees, and their successors and assigns, to maintain and keep in repair the adjacent streets. The condition of many of these streets is such as to make it necessary that they should be repaired and repaved, and that the obligation resting upon the present owners of adjacent lots to do this work should now be enforced. Many of such owners have requested that such covenants be commuted, and wholly released, upon the payment by them of a certain sum per lot.

The matter will shortly be presented to the Commissioners of the Sinking Fund for their consideration, and the adjustment of the basis of commutation, and application for releases should therefore be made at once.

They may be sent to the undersigned.

Dated New York City, August 7, 1888.

JOHN NEWTON,
Commissioner of Public Works.

THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 2 City Hall, New York City. Price, single copy, 3 cents; annual subscription, by mail, \$9.30.

THOMAS COSTIGAN,
Supervisor.