

DOCUMENT No. 23.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 2, 1871.

The President presented a certified copy of an act entitled "An act relative to the improvement of certain portions of the counties of Westchester and New York, including provisions for communication between said counties, and for improving the navigation of Harlem river and Spuyten Duyvil creek."

Ordered, That said act be laid on the table and printed in document form.

GEO. M. VAN NORT,
Clerk.

Chap. 534.

AN ACT relative to the improvement of certain portions of the counties of Westchester and New York, including provisions for communication between said counties, and for improving the navigation of Harlem river and Spuyten Duyvil creek.

Passed April 15, 1871; three fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. It shall be the duty of the board of commissioners of the department of public parks of the city of New York, to cause a proper survey to be made of all that part of the county of Westchester lying south of the southerly line of the village of Yonkers, and a line in continuation thereof eastwardly to Hutchinson river or creek, and including that part of said county lying south of said line and west of said river or creek, or the westerly boundary line of the town of Pelham to Long Island sound, and to devise and prepare maps, plans and profiles embracing and showing such changes in the location, width, courses, windings, and grades of the streets, avenues, and roads, now laid out within the area above described, as in their opinion can be made with benefit to the property affected and to the public interest; and also the location, width, courses, windings, and grades of such streets, avenues, roads, and public squares and places, as in their opinion can be laid out or discontinued with like benefit, including plans for the proper sewerage and drainage of the land within said area, and for the supply and distribution of pure and wholesome water therefor, and also for the improvement of the navigation of Harlem river and Spuyten

Duyvil creek, and the plan and location of all bridges, tunnels, and other means of transit across or under said river and creek ; and the plans, location, and grades, so far as the said board of commissioners may deem practicable, of all railroads and similar modes of communication and transportation to be operated by steam or other power that may hereafter be authorized by law to be constructed within, through, or in connection with said area, and the plans and location of new pier and bulkhead lines and the grades thereof on both sides of the Harlem river, from the line of the Third avenue, in the city of New York, to the East river or Long Island sound, and the plan and location of pier and bulkhead lines and the grades thereof in and along all other tide waters bounding or adjacent to said area. And it shall and may be lawful for the said board of commissioners and all persons acting under their authority to enter in the daytime into and upon all lands, waters, tenements, and hereditaments within or exterior to said area which they shall deem it necessary to survey in the performance of their duties under this act.

The said board of commissioners shall prepare and file as hereinafter described, the maps, plans, profiles, and locations as aforesaid, with such field notes and explanations as the said board of commissioners may deem expedient ; and upon the filing thereof the same shall be final and conclusive, and all such streets, avenues, roads, and public squares and places, of such locations, widths, courses, windings, and grades, together with such plans for sewerage and drainage, and plans for the supply and distribution of pure and wholesome water (except as provided in the fourth section of this act), and plans, grades, and location of railroads and similar modes of communication and transportation, and plans and locations of pier and bulkhead lines and the grades thereof, as aforesaid, as shall be therein or thereby shown, laid out, retained, or established, shall there-

upon and thenceforth be retained or established accordingly; and all such streets, avenues, roads, and public squares and places as shall therein and thereby be discontinued and closed shall thereupon and thenceforth be discontinued and closed accordingly, and such bridges, tunnels, and other means of transit across or under Harlem river and Spuyten Duyvil creek as shall be therein and thereby planned and located, shall thereupon and thenceforth be planned and located accordingly; and no proceeding shall be had or taken by any officer or body for any street opening or other public improvement within the area above described (or within the tide waters adjacent to said area), except that work under contracts already made and executed may be done and completed, until the said board of commissioners shall have so filed such maps, plans, profiles, grades, and locations. Provided, however, that nothing in this act shall be construed as in any way interfering with any improvement which has been or may be authorized by act of the legislature, in the district described in the first section of this act.

All such maps, plans, and profiles, with the field notes and explanations, shall be in duplicate, and shall be certified by the chief officer of the said commissioners, and one set shall be filed of record in the office of the register of Westchester county, and the other set shall remain of record in the office of the said board of commissioners. After the same shall have been so filed, the officers and bodies authorized by law to make other improvements of the same kind in the towns within said area shall have power to open, extend, widen, regulate, grade, drain and sewer all such streets, roads, avenues and public squares and places as shall be as aforesaid retained or established.

Whenever the said board of commissioners shall deem it proper so to do, they may file maps, plans and profiles in the

manner hereinbefore provided, showing the streets, avenues and roads, public squares and places, including plans for the improvement of Harlem river and Spuyten Duyvil creek, and plans and locations of all bridges, tunnels and other means of transit across or under said river or creek, and the plans, grades and locations so far as the said board of commissioners may deem practicable, of all railroads and similar modes of communication and transportation to be operated by steam or other power, which they have determined to lay out, establish, alter, discontinue, abandon, close or retain within any particular section of the district or area hereinbefore described, and the grades therefor; and from and after the filing of said maps, plans, profiles and grades as aforesaid, the powers of the said commissioners to lay out, establish, alter, discontinue, abandon, close or retain any street, avenue or road, public square, or place, or any improvement of Harlem river or Spuyten Duyvil creek, or bridge, tunnel or other means of transit across or under said river or creek, or railroads and similar modes of communication and transportation to be operated by steam or other power, or grades within such section of said district or area, shall absolutely cease and determine; but such streets, avenues and roads, public squares and places, improvement of Harlem river and Spuyten Duyvil creek, location of bridges and tunnels and other means of transit across or under said river and creek, and railroads and similar modes of communication and transportation to be operated by steam or other power, and grades, shall be again exhibited on the maps, plans or surveys filed upon the completion of the whole work.

§ 2. For the payment of all expenses incurred under the first and fourth sections of this act, the treasurers or comptrollers of the counties of New York and Westchester respectively, are hereby required to pay over to the said board of com-

missioners such sums as shall be certified by said board of commissioners as necessary to carry out the provisions of said first and fourth sections. And such sums of money shall be raised and collected by the supervisors of the said counties respectively, in the manner in which other moneys in said counties are raised and collected, except that in the county of Westchester it shall be the duty of the supervisors of the towns of Yonkers, West Farms, Morrisania, Westchester, and East Chester to assess the sums of money specified by the said commissioners upon the pieces and parcels of land in each of said towns within the area described in the first section of the this act, ratably in accordance with the assessed valuation of the said pieces and parcels of land, and said sums of money shall be included in the assessment-rolls of said towns in separate columns, but no greater sum than ten thousand dollars shall be assessed, levied and collected in either of the said towns in Westchester county in any one year for such purposes, but all expenses incurred and to be incurred for surveys as aforesaid shall only be levied in the town or parts of towns which are to be so surveyed and laid out. It shall be the duty of the receiver of taxes in each town to collect the moneys so assessed in the manner that other taxes are collected and pay the money so collected to the county treasurer.

§ 3. The said board of commissioners on behalf of the city of New York, and the chairman of the board of supervisors of Westchester county, and the supervisor of the town which shall include the Westchester county end of any such tunnel, bridge or other means of transit, or a majority of them, on behalf of the county of Westchester, shall have full power and authority to build and construct, by contract or otherwise, as they shall deem most expedient, any and all bridges, tunnels, and other means of transit across or under Harlem river or Spuyten Duy-

vil creek, which may be planned or located as aforesaid, and may forthwith commence the building or construction of a suspension bridge north of the bridge known as the "High bridge," but not more than half a mile therefrom; and also the bridge or tunnel that may be planned or located near or at the northerly end of the Seventh avenue in the city of New York, and next thereafter the bridge or tunnel that may be planned or located at or near the northerly end of the Fifth avenue in the city of New York, provided, however, that not more than two of such bridges, or one bridge and one tunnel, or other means of transit shall be in the course or process of being built or constructed at the same time. And to build and construct, by contract or otherwise, any and all such improvements of the navigation of Harlem river and Spuyten Duyvil creek, which may be planned or located as aforesaid, and the said department shall maintain and keep in order and repair all bridges now existing across said Harlem river so far as said board shall consider advisable. The expense of building, constructing, maintaining and repairing all such bridges, tunnels and other means of transit, and such improvements of the navigation of Harlem river and Spuyten Duyvil creek shall be borne by the county of New York and by the county of Westchester in proportion to the jurisdiction of each, as the said line of jurisdiction shall be established and defined by the said board of commissioners, provided, that such portions of the improvement of the navigation of the said river and creek, and works pertaining to the same within the county of Westchester, as the said board of commissioners and other officers shall determine may be advantageously built and constructed, without interfering with or impeding the building and constructing, or the use and occupation when built or constructed, of any other portions of the improvement of the navigation of the said river and creek, and works pertaining to the same within and adjacent to the

county of New York may be built and constructed solely by the officers and bodies authorized by law to make other improvements of the kind in the towns in the county of Westchester adjacent to which such works may be situated.

The treasurer or comptroller of each county shall issue and deliver to such person or persons as may be designated by the said board of commissioners and other officers to receive the same, the bonds of his county for such amounts of money as shall in all be equal to the proportion of his county of any amount of money certified by the said board of commissioners and other officers or a majority of each as necessary to be raised for or on account of any such bridge, tunnel or other means of transit, and improvement of the navigation of said river and creek, which bonds shall be signed by the said treasurer or comptroller, and countersigned in the city and county of New York by the comptroller thereof, and in the county of Westchester by the chairman of the board of supervisors. The amounts for which the several bonds shall be issued, the times at which such bonds shall be payable, and the rates of interest thereon shall be prescribed by the said board of commissioners and other officers, but the rate of interest shall not exceed seven per cent. a year, nor shall the bonds be payable in less than two nor in more than twenty years after the respective times at which they are issued; and the boards of supervisors of the respective counties shall raise such amounts of money as shall be necessary to pay the interest on such bonds every year, and the principal sums at the times when the said bonds shall severally mature, in the same manner that other taxes are raised; provided, however, that one third of every amount raised in the county of Westchester shall be specially levied upon such district of territory as the board of supervisors shall determine to be specially benefited by the improvement or improvements.

§ 4. The said board of commissioners and all persons acting under their authority are hereby authorized to enter upon any land or water exterior to said area described in the first section of this act, for the purpose of making surveys or examinations to determine the proper sources of pure and wholesome water for the supply of said area, and the proper ground to be occupied or required for the necessary reservoirs, conduits, pipes, sewers, drains and other and all appurtenances that may be planned or located therefor exterior to said area, and the said board of commissioners shall, upon the completion of such surveys, examinations and plans, report the same, with the surveys and plans authorized and directed by this act to be made within the said area for the supply and distribution of pure and wholesome water, to the legislature at its next session after the completion of such plans, together with such field notes, explanatory remarks and recommendations as the nature of the subject may require. And the plans relating to works exterior to said area shall not be final and conclusive nor be established until the legislature shall have approved the same. The said board of commissioners shall also, during the progress of the work, make annual reports to the legislature of all their proceedings under this act.

§ 5. The powers and duties prescribed by this act shall not apply to the streets, roads and avenues laid out and duly filed under an act entitled "An act for the laying out, opening and closing of streets, roads and avenues in the town of Morrisania in the county of Westchester," passed May nineteenth, eighteen hundred and sixty-eight, except to such portions and the grades thereof as are located and situated along and adjacent to the Harlem river, as the said commissioners shall deem necessary for the public interests to modify, change or discontinue, for the purpose of facilitating plans, locations, proper connections and

approaches, and the construction of bridges, tunnels and other means of transit across or under said river.

§ 6. The said board of commissioners of the department of public parks shall have full and exclusive power to lay out, regulate, govern, manage and direct all the work, buildings and constructions which they are empowered and authorized by the third section of this act to build and construct; and to pass ordinances for the regulation, control and government thereof, and of the various works and constructions of the kind, nature and character herein referred to within said area described in the first section hereof, and upon or adjacent to said Harlem river and Spuyten Duyvil creek, and imposing and enforcing proper penalties for the violation of such ordinances, and defining methods for the enforcement and collection thereof, and for punishing any person or corporation violating or offending against the same.

§ 7. No public or other work, except as hereinbefore provided, shall be constructed or carried on within the said area described in the first section of this act, or within the county of New York, that shall interfere with the exercise of the powers and duties conferred by this act; and no such work shall be commenced or carried on without the consent of the said commissioners until the powers and duties of the said board of commissioners under this act shall have been discharged.

§ 8. Wherever any street, avenue or road now laid out or established or which shall be hereafter laid out or established under the provisions of this act shall cross the line, route or track of any railroad now or hereafter to be constructed, or now authorized by law to be constructed, the railroad company owning the same shall change or modify the grade of the said railroad

as may be directed by said board of commissioners, and in such manner that it shall pass above or under the grade of such street, avenue or road, and at such distance from the same as will permit all engines and cars moved upon said railroad to pass securely above or under such street, avenue or road, and so as not to interfere with, impair or endanger, at any time, the free and lawful use thereof.

Whenever any railroad shall, as last above provided, be so adapted and constructed as to pass above any such street, avenue or road, the said railroad company owning the same shall construct and maintain under the direction of said board of commissioners a safe and convenient bridge therefor, and said bridge shall be so constructed as to screen all engines and cars while passing over it from view from such street, avenue or road.

Such railroad company is hereby authorized and empowered to make and maintain such changes in the grades of said railroad adjacent to the crossings of streets, avenues, or roads as aforesaid, as may be necessary for the convenient use of said railroad, and as the said board of commissioners may authorize and direct.

§ 9. For the purpose of acquiring title to lands in Westchester county, and in behalf of said county, for the use of the public under this act for approaches to bridges and tunnels, sites or land above or under water for bridges and tunnels, and sites or land above or under water for all improvements of Harlem river and Spuyten Duyvil creek, that may be laid out or retained within said county by the said board of commissioners of the department of public parks under this act, the said board of commissioners shall make application to the supreme court at a general or special term thereof, held in the district in which the land or real estate described in the application is situated. Such ap-

plication shall be signed and verified according to the rules and practice of such court. It must contain a description of the land or real estate which the said board of commissioners of the department of public parks seek to acquire in behalf of the said county, and must state the names and residences of the parties, so far as the same can by reasonable diligence be ascertained; who own or have, or claim to own or have estates or interest in the said land or real estate; and if any such persons are infants, their ages as near as may be must be stated; and if any of such persons are idiots or persons of unsound mind or are unknown, that fact must be stated, together with such other allegations and statements of liens or incumbrances on said land or real estate as the said board of commissioners of the department of public parks may see fit to make. A copy of such application with a notice of the time and place the same will be presented to the supreme court must be served on all persons whose interests are to be affected by the proceedings at least ten days prior to the presentation of the same to the said court, and the manner of serving such notice shall in all cases be the same as is provided in section fourteen of an act entitled "An act to authorize the formation of railroad corporations and to regulate the same," passed April second, eighteen hundred and fifty.

§ 10. The board of commissioners of the department of public parks for and in behalf of the mayor, aldermen and commonalty of the city of New York are authorized to acquire title for the use of the public to all streets, avenues, or roads, approaches to bridges and tunnels, sites or lands above or under water for bridges and tunnels, and sites or land above or under water for all improvements of the navigation of Harlem river and Spuyten Duyvil creek that may be laid out or retained by them within the city and county of New York under this act, when-

ever they shall deem it to the public interest so to do, and such board of commissioners shall for that purpose make application to the supreme court in the first judicial district for the appointment of commissioners of estimate and assessment, specifying in such application lands required for that purpose, and such proceedings to acquire title to such lands shall be had pursuant to such acts as shall then be in force relative to the opening of public squares and places, streets, avenues and roads in the city of New York, except that in such proceedings said board of commissioners of the department of public parks shall act in lieu and in place of the mayor, aldermen and commonalty of the city of New York, except also that the commissioners of estimate and assessment who may be appointed as herein provided may assess for such openings and land laid out and retained,—all such parties and persons, lands and tenements as they may deem to be benefited by such improvements to the extent which such commissioners deem such persons, parties, land and tenements benefited thereby; and it shall be the duty of the counsel to the corporation of the city of New York to perform all the legal services required of him in the proceedings authorized by this act without any additional compensation beyond the salary and allowances now provided by law; and the said streets, avenues or roads, approaches to bridges and tunnels, sites or lands above or under water for bridges, tunnels and sites or lands above or under water for all improvements of navigation of Harlem river and Spuyten Duyvil creek as shall be laid out or retained by the board of commissioners of the department of public parks, as aforesaid, shall immediately after the same are laid out and opened be and remain under the control and management of the board of commissioners of the department of public parks, as to the regulating, grading and proper constructing and maintaining the same and all the works pertaining thereto.

§ 11. Chapter eight hundred and twenty-six of the laws of eighteen hundred and sixty-nine, and chapter seven hundred and ninety-seven of the laws of eighteen hundred and seventy are hereby repealed.

§ 12. The board of commissioners of the department of public parks in the city of New York, may ordain and establish such rules, ordinances and regulations respecting the fencing and covering of any part of the tracks of any railways in the county of Westchester for any distance which said board shall consider expedient or proper, on each side of the Central bridge crossing Harlem river, in said county of Westchester, and also at such other point or place, or points and places near any road or avenue now or hereafter to be established in said county of Westchester, crossed by any railway by its rail-tracks, as shall be considered by said board expedient for the protection and safety of travel on such road or avenue; such ordinances, rules, and regulations shall provide, declare and ordain penalties for any violation thereof, and for not conforming thereto or therewith, and shall be enforced by all courts against any person or railway company or corporation offending or violating the same or not acting in conformity therewith; and all actions for the enforcement or violation of such rules and ordinances or in respect thereto, shall be brought in the name of the people of the State of New York, by and under the direction of the board of commissioners of said department of public parks. And all moneys received in any such action or actions, over and above the costs and expenses of said department with respect thereto, shall be received by said department and by it paid over for the benefit of the poor of the town where the violation or offence sued for may have occurred.

§ 13. This act shall take effect immediately.

STATE OF NEW YORK,
Office of the Secretary of State, } ss.:

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and of the whole of said original law.

[L.S.] Given under my hand and seal of office, at the
 city of Albany, this twentieth day of April,
 in the year one thousand eight hundred and
 seventy-one.

DEIDRICH WILLERS, JR.,
Deputy Secretary of State.

DOCUMENT No. 24.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 2, 1871.

The President presented a certified copy of an act entitled "An act to alter the map or plan of the city of New York by laying out thereon a public place for a public parade ground, and to authorize the taking of the same."

Ordered, That said act be laid on the table and printed in document form.

GEO. M. VAN NORT,
Clerk.

Chap. 628.

AN ACT to alter the map or plan of the city of New York, by laying out thereon a public place for a parade ground, and to authorize the taking of the same.

Passed April 20, 1871 ; three fifths being present.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. The officers composing the board of the department of public parks in the city of New York, and the major-general commanding the first division of the national guard of the state of New York, or a majority thereof, shall have and possess exclusive power to lay out, establish in that part of the city of New York above Fifty-ninth street, a public square or place, and such streets and avenues bounding the said public square or place, of such width, extent, and direction as to them shall seem most conducive to public good, and such public square or place shall be maintained for the use of the said first division of the national guard of the state of New York, for military encampments, parades, drills, reviews, or other military evolutions or exercise ; and said public square or place, and said streets and avenues bounding said public square or place, shall, as to laying out, management, government, and maintenance, be under the exclusive control and management of the board of commissioners of the department of public parks, as full in all respects, and to the same extent as the Central park is now under the control of said board ; and when said public square or place is not

required for such military evolutions or exercise, the said commissioners may appropriate the same to such other uses as to them shall seem most conducive to public good.

§ 2. The said officers composing said board, and the said major-general, or a majority thereof, shall cause a map, plan, or survey to be made, showing the location and extent of the public square or place, streets and avenues authorized by this act, and certified by them, and one copy of said map so certified shall be filed to remain of record in the office of the said department of public parks, and one other copy of the same, so certified, shall be filed to remain of record in the office of the department of public works in said city; and from and after the time of filing of said maps the said public square or place, and the streets and avenues so laid out, if any, bounding the same, shall become and be one of the public squares or places and public streets and avenues in said city, with the same intent and effect as if the same had been laid out and established by the commissioners appointed in and by the act entitled "An act relative to improvements touching the laying out of streets and roads in the city of New York, and for other purposes," passed April third, eighteen hundred and seven. All streets or avenues now laid out within the limits of the said public square or place so laid out shall from thenceforth become abandoned and closed. Similar proceedings shall be taken in all respects in relation to acquiring title to the said public square or place, streets, and avenues bounding said public square or place, as is authorized and directed to be taken in and by section six of chapter six hundred and ninety-seven of the laws of eighteen hundred and sixty-seven.

§ 3. The comptroller of the city of New York is hereby authorized and directed to create and issue at such time and in

such amounts as shall be deemed by the board of commissioners of the department of public parks requisite to carry out the objects of this act, a public fund or stock to the aggregate amount authorized by this act. The said stock shall be denominated "the city parade improvement fund," and the aggregate amount hereby authorized to be issued is expressly limited to a sum, of which the annual interest at the rate of interest at which said stock is issued, is twenty-five thousand dollars. The mayor and comptroller of said city are hereby authorized and directed to sign said bonds. Such bonds shall not be disposed of for less than the par value thereof, and it shall be the duty of the clerk of the common council to countersign the same, and affix the seal of the city thereto. Such stock or fund shall be redeemable in thirty years from the issue thereof, and the said public square or place shall be and the same is hereby specifically pledged for the redemption of the same or any part thereof.

§ 4. For the payment of the interest on the said stock or fund, the board of supervisors of the city and county of New York shall order and caused to be raised by tax on the estates real and personal, subject to taxation according to law within said city and county, and to be collected in addition to the ordinary taxes, yearly and every year, until the whole amount of such fund or stock be paid, a sum of money sufficient to pay the interest annually accruing on said fund or stock, at a rate not exceeding seven per cent. per annum, not exceeding the aforesaid limitation of twenty-five thousand dollars; and also when such bonds become due and payable a sum sufficient to redeem them.

§ 5. The moneys raised upon the fund or stock hereby authorized, shall be deposited by the comptroller of the city of New York, as fast as the same shall be realized, to the credit of the said board of commissioners, with such bank or trust company

as shall be designated by said board; such moneys shall be used and appropriated by said board for the construction, improvement, and regulation of said public square or place, and the streets and avenues bounding said public square or place, and for the purpose contemplated in this act, and shall be drawn from said bank or company by a warrant, signed by at least a majority of said commissioners, after the same shall have been authorized by the said board at a meeting thereof duly convened.

§ 6. To provide additional means for the maintenance and government of said public square or place, the board of commissioners of the department of public parks are authorized to include in the estimate that they are now authorized to make under section four of chapter eighty-five of the laws of eighteen hundred and sixty, the sum of twenty-five thousand dollars per annum, in addition to the sums that they are now authorized to include in said estimate, and the amount of said estimate shall be annually raised as provided in said section four, and applied to the payment of the expenses of the maintenance and government of said public square or place.

§ 7. This act shall take effect immediately.

DOCUMENT No. 25.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS.

MAY 2, 1871.

A communication was received from Messrs. Schultz & Warker, managers of the Mineral Spring Building in the Central Park, having reference to the sale of said building to the department at its actual cost.

Ordered, That said communication be laid on the table and printed in document form.

GEO. M. VAN NORT,
Clerk.

COMMUNICATION.

NEW YORK, Jan. 28, 1871.

HON. PETER B. SWEENEY,

President of the Department of Public Parks.

DEAR SIR—We beg permission to submit to your cognizance a short memorandum of the history of the Mineral Spring Building in the Central Park, and of our interest connected therewith.

The permission for the erection of the building in the Park was granted to us (by the universal and urgent demand of the medical profession of New York) upon grounds of public health and utility.

The understanding arrived at between the late Board of Central Park Commissioners and Schultz & Warker was to the effect that the latter should furnish a mineral spring building in the Park, its cost, with all appointments, not to exceed \$10,000, and that they should pay an annual license.

After receiving plans of Central Park Architects, it was suggested that the building expense would run up to between \$10,000 and \$20,000, and upon that basis, and before estimates had been furnished, a written agreement was entered into, according to which the building was to revert to the Park at a cost not exceeding \$17,000, etc.

When work had commenced it was found that the expense would vastly exceed all estimates; but we agreed to finish the building to the best of our ability, and with the greatest economy, with a view of making it not only the leading institution of its kind in the world, but also one of the chief architectural ornaments of the Park. This was done upon the official assurance that the Board would deal with us equitably and justly.

The building, which upon a lease of five years has taken *three* years for its construction, has cost, with all appointments, according to statement furnished :

Building account.....	\$38,069 53
Apparatus, fountains, etc.....	4,725 00
Furniture, etc.....	289 50
	<hr/>
	\$43,084 03
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For the capital expended, which has not ceased to be a heavy strain upon us, we have neither title nor other document, and if we were liable for the expense of an establishment sufficient for the purpose, the heavy outlay demanded for the ornamentation of the Park should not be borne by us, except, perhaps, for the interest of the capital, and as lessees of the place.

We suggest, as an equitable arrangement, that the Department of Public Parks should acquire the building at net cost, viz., \$38,069.53, and give us a lease of the same on such terms as may be deemed equitable, and which shall insure to the city a reasonable interest on the capital.

The Central Park Springs, having always been conducted as a Park establishment, are to all effects a public institu-

tion, and should, in the beginning, have been erected at public expense, if such an institution was deemed necessary in the Park.

They are much visited by invalids, pleasure-seekers, and very frequently on account of their beauty; they are useful, self-sustaining, and ornamental, and their acquisition by the city upon the terms proposed, would only place them in their proper position as a public institution, without burden to the treasury, as the rent received would cover the interest of the capital.

Your most obedient servants,

SCHULTZ & WARKER.

The want of a carriage road leading directly to the entrance of the "Springs" is one that has long been felt; in fact, since the opening of this beautiful kiosk to the visitors of the park.

During the very first season, remarks like the following were constantly made: "Why don't you have a road right up to the door? My physician directs me to take a drive and a glass of 'Vichy' every morning; but I don't like to get out and have to walk up here every time. Why! ninety out of every hundred who come to the 'Springs' do so in their own carriages."

The want of a "bridle-path" or "drive" has debarred hundreds of patients from following the advice of their physicians—to use the mineral waters conjointly with equestrian exercise; for it ought not to be expected of the

ladies, and they, indeed, strenuously object to perform what at best is a great trouble and inconvenience. Nay! alighting is almost an impossibility to our fair friends, for the "Commissioners" have not even placed a "horse-block" for their use.

The physicians of the city, through us, declare that a carriage road for the accommodation of their patients was an absolute necessity, and requested that the "Board of Commissioners" would give the matter their most serious attention. It was shown at the time that it is a positive injury and an injustice to those invalids, who, coming to this temple of health, and, being unequal to the exertion of alighting and walking, must remain in their carriages, several hundred feet from this "healing fount," and wait to have the necessary waters brought to them; thereby entailing the loss of a large quantity of one of the most important constituents of all mineral waters, viz., the carbonic acid gas contained therein.

We regret to say, that up to the decease of the old "Board of Commissioners" all our efforts to have this long-felt "want" satisfied were unsuccessful, but we sincerely hope and trust that to the *new* "Board"—unto which, in the short period of its existence, we already owe so many visible improvements—the thousands who visit the Park will be indebted for that "consummation" so "devoutly to be wished"—"a road right up to the door" of the "Springs!"

DOCUMENT No. 26.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,
SEPTEMBER 12, 1871.

The Vice-President presented a report from the Captain of Police, showing statement of force under his command.

Ordered, That said communication be laid on the table and printed in document form.

GEO. M. VAN NORT,
Clerk.

COMMUNICATION.

DEPARTMENT OF PUBLIC PARKS, }
BUREAU OF POLICE, }
NEW YORK, August 29, 1871. }

HON. HENRY HILTON,
Acting President :

SIR—In compliance with orders to report the total number of my force on the dates of December 12, 1870, and August 28, 1871, I respectfully submit the following :

On the 12th of December, 1870, the police force of this Department consisted of the following officers :

Captain.....	1
Lieutenant.....	1
Sergeants.....	4
Park-keepers on Central Park.....	57
Park-keepers at other city parks.....	41
Gate-keepers on Central Park.....	24
	<hr/>
	128
	<hr/>

Park-keepers at various city parks, as follows :

Abingdon Square.....	1
Battery Park.....	3
Beach Street Park.....	1
Bowling Green.....	1

Canal Street Park.....	1
City Hall Park.....	3
Christopher Street Park.....	1
Cooper Park.....	1
Duane Street Park.....	1
High Bridge Park.....	1
Madison Park.....	4
Mount Morris Park.....	3
Park Avenue Parks.....	2
Reservoir Square.....	3
Stuyvesant Square.....	3
Tompkins Square.....	4
Union Square.....	3
Washington Square.....	4
Thirty-second and Thirty-fifth Streets and Sixth Avenue Parks.....	1
	<hr/>
	41
	<hr/> <hr/>

On the 28th of August, 1871, the force consisted of the following officers :

Captain.....	1
Lieutenant.....	1
Sergeants on Central Park.....	6
Sergeants on other city parks.....	2
Roundsmen.....	3
Park-keepers on Central Park.....	52
Park-keepers on other city parks.....	38
Gate-keepers.....	49
	<hr/>
	152
	<hr/> <hr/>

Park-keepers at various city parks, as follows :

Abingdon Square.....	1
Battery Park.....	5
Beach Street Park.....	1
Bowling Green.....	1
Canal Street Park.....	1
City Hall Park.....	3
Christopher Street Park.....	..
Cooper Park.....	1
Duane Street Park.....	1
High Bridge.....	..
Madison Park.....	2
Mount Morris Park.....	3
Park Avenue Parks.....	2
Reservoir Square.....	2
Stuyvesant Square.....	3
Tompkins Square.....	4
Union Square.....	2
Washington Square.....	5
Thirty-second and Thirty-fifth Streets and Sixth Avenue Parks.....	1

38

Since I assumed command twenty-six (26) detailments to special duty have been made from the force on Central Park, as follows:

To Harlem Bridge.....	3	Park-keepers.
McComb's Dam Bridge.....	3	"
Museum (inside).....	2	"
Aviary.....	1	"

9

To Foreman Manning's yard.....	3	Gate-keepers.
“ Hodges’ “	3	“
“ Geary’s “	3	“
“ Andrews’ “	3	“
On the walks around the Museum..	3	“
	<hr/>	
	15	
	<hr/> <hr/>	

There are at present eleven (11) Gate-keepers doing patrol as Park-keepers on Central Park, and fifteen (15) Gate-keepers doing duty at the several foremen's yards, and on the walks around the Museum.

I respectfully recommend that the police force be made to consist of the following number of officers :

Captain	1
Lieutenant.....	1
Sergeants.....	8
Roundsmen.....	3
Park-keepers for Central Park, including six (6) for Harlem and McComb's Dam bridges	70
Park-keepers for various city parks.....	38
Gate-keepers	40
	<hr/>
	161
	<hr/> <hr/>

Nearly one-half of these Gate-keepers have for a long time been doing patrol duty as Park-keepers, and I recommend that eighteen (18) be selected from them for promotion to the force of Park-keepers, and that additional Gate-keepers be appointed.

Respectfully,

NATHANIEL R. MILLS,

Captain.

DOCUMENT No. 27.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,
SEPTEMBER 12, 1871.

The Vice-President presented a report from the Engineer-in-Chief, relative to the Battery wall, built previous to the organization of this Department.

Ordered, That said report be laid on the table and printed in document form.

GEO. M. VAN NORT,

Clerk.

COMMUNICATION.

DEPARTMENT OF PUBLIC PARKS,
OFFICE OF ENGINEER-IN-CHIEF,
NEW YORK, August 25, 1871. }

Hon. HENRY HILTON,

Vice-President, D. P. P. :

SIR—I have made an examination of the Battery wall, built previous to the organization of the Department, most of which has been built three or four years, and find that the foundation and joints have been made upon pinners from which the mortar has been washed.

I do not consider it sufficiently bad to necessitate its taking down and rebuilding.

I do not think the settling of the filling in the rear of the wall to be caused by the open joints of the wall, but consider that by each fall of the tide the earth is gradually drawn out through the stone filling upon which the wall is constructed. The placing of concrete at the back of the wall will not prevent the settlement of the earth in the rear of the wall to any extent.

I would recommend that the wall be thoroughly underpinned with flagging, and slate driven in with mortar, and that the joints be also treated in the same manner and thoroughly pointed; and perhaps it would be well to take up the stone filling for five or six feet from the face of the wall, and fill the space with con-

crete, allowing the concrete to extend at least six inches upon the base course of the wall, and place the stone filling taken out on top of the concrete, sloping off toward low water.

Vide accompanying sketch.

I would also recommend that the laying of the Shillinger pavement, upon the walk adjoining the wall, be proceeded with at once, in smaller blocks than that previously laid, so that when any settlement takes place they may be readily taken up, and the portion that has settled be regraded and the blocks replaced.

Respectfully,

M. A. KELLOGG,
Engineer-in-Chief.

DOCUMENT No. 28.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

OCTOBER 10, 1871.

A communication was received from the Department of Docks inclosing a copy of an opinion of the Counsel to the Corporation on the respective jurisdictions of the Department of Docks and the Department of Parks over certain portions of the water front of the city.

Ordered, That said communication and opinion be laid on the table and printed in document form.

GEO. M. VAN NORT,

Clerk.

CITY OF NEW YORK, DEPARTMENT OF DOCKS, }
 NEW YORK, October 2, 1871. }

HON. PETER B. SWEENEY,

President Department of Parks :

DEAR SIR—Pursuant to a resolution of the Board governing this Department, adopted at a meeting held this day, I have the honor to inclose a copy of an opinion of the Counsel to the Corporation on the respective jurisdictions of the Department of Docks and the Department of Public Parks over the portion of the water front of the city therein referred to.

Very respectfully,

Your ob't servant,

J. GRENVILLE KANE,

Secretary.

(Copy.)

LAW DEPARTMENT,
 OFFICE OF COUNSEL TO THE CORPORATION, }
 September 21, 1871. }

J. GRENVILLE KANE, Esq.,

Secretary Department of Docks :

DEAR SIR—I have the honor to acknowledge receipt of your letter of July 1st, communicating the resolution adopted by the Commissioners of the Department of Docks, as follows :

“ *Resolved*, That the attention of the Counsel to the Corporation be called to chapters 534 and 574 of the Laws of 1871, as well as to acts passed April 24, 1867, and April 22, 1868, and that the question of the respective jurisdictions of the Depart-

ment of Docks and the Department of Public Parks over that portion of the water front of the city of New York extending from the 'line of the Third avenue to the East river or Long Island Sound,' and also from Spuyten Duyvil creek along the Harlem river to the Third avenue, be referred to him with a request that he will define the powers of the said Departments in relation to the said water front."

In answer thereto, I beg leave to say :

The latest act which confers upon the Commissioners of the Public Parks authority in respect to bulkhead or pier lines, is the act, chapter 534, Laws of 1871, enacted on the 15th day of April, 1871.

That act provides that the Commissioners of the Department of Public Parks may devise "plans and location of new pier and bulkhead lines *and the grades thereof*, on both sides of the Harlem river, from the line of Third avenue to the East river or Long Island Sound, and the plan and location of pier and bulkhead lines, and the grades thereof, in and along all other tide-waters, bounding or adjacent to said area," and that upon filing such plans, the same shall be final and conclusive, and the plans and locations of piers and bulkhead lines and the grades thereof, as shall be therein and thereby shown, laid out, retained, or established, shall thereupon be retained and established accordingly.

Sec. 1, chap. 534, Laws, 1871.

By a previous act, chapter 697, Laws, 1867, the Commissioners of the Central Park were authorized to lay out new pier and bulkhead lines *and the grades thereof*, on the North river, from Fifty-fifth street to Spuyten Duyvil creek, and through Spuyten Duyvil creek and Harlem river to Third avenue, subject to approval by the Legislature. And by the act, chapter 288, Laws,

1868, the new pier and bulkhead lines and the grades thereof, devised by the Park Commissioners, pursuant to the act of 1867, were approved and established by the Legislature, and the said Commissioners were further authorized to amend any part of the bulkhead lines in Spuyten Duyvil creek and the Harlem river, at any time, if they deem such alteration necessary.

Sec. 4, chap. 288, Laws, 1867.

But by the act, chapter 574, Laws of 1871, enacted *on the 18th day of April*, 1871, the Commissioners of the Department of Docks are authorized to determine upon a plan or plans for the improvement of the whole or any part of the water front of the city.

It is further provided that the plans devised by the Commissioners of Docks, when adopted and certified by the Commissioners of the Sinking Fund, shall be the sole plan and authority for the *solid filling* in the waters surrounding the city of New York *and for extending piers and erecting bulkheads* around said city, and that "*all other provisions of law regulating solid filling and pier and bulkhead lines in said waters are to be deemed to be repealed upon the filing of said plan, if said plan be inconsistent with such provisions of law.*"

So far as the above recited statutes are inconsistent, the last enacted should control.

Reading the statutes together, and giving effect to each, so far as they are not inconsistent, it seems to me that the location of bulkhead and pier lines fixed by the Park Commissioners may be lawfully superseded by the plan adopted by the Dock Commissioners.

The location of such lines around the entire city is controlled

by the plan devised by the Dock Commissioners, when adopted and certified by the Commissioners of the Sinking Fund.

The act last named is, however, silent as to the *grades of pier and bulkhead lines*, which the three first recited acts authorize the Commissioners of Parks to fix.

It seems to me, therefore, that the Commissioners of Docks are vested with all the power and jurisdiction over the water front named in the resolution above recited, defined in section 6 of chap. 574 of the Laws of 1871, viz.: the exclusive charge and control of all the wharf property and land under water belonging to the Corporation, and the exclusive power to alter, repair, build and rebuild, lease, protect, and dredge the same, and the exclusive government and regulation of the wharves, piers, bulkheads, and structures thereon, with the land under water in said city not owned by said Corporation.

That the plan devised by said Commissioners, and adopted by the Commissioners of the Sinking Fund, shall control the location of pier and bulkhead lines.

The power and jurisdiction remaining in the Commissioners of Parks, in relation to the water front of the city of New York, appears to extend only to the fixing of *grades of pier and bulkhead lines*, not inconsistent with the plan devised by the Commissioners of Docks, adopted and certified by the Commissioners of the Sinking Fund.

Yours truly,

(Signed)

RICHARD O'GORMAN,

Counsel to the Corporation.

DOCUMENT No. 29.

BOARD OF THE
DEPARTMENT OF PUBLIC PARKS,

OCTOBER 31, 1871.

A report was received from M. A. Kellogg, Engineer-in-Chief, transmitting topographical survey and study plan for improvement of Morningside Park.

Ordered, That said report be printed in document form, and referred to the Executive Committee, with power.

GEO. M. VAN NORT,

Clerk.

ENGINEER'S OFFICE,
DEPARTMENT OF PUBLIC PARKS, }
October 16, 1871.

HON. HENRY HILTON,
Vice-Pres't D. P. P.

SIR—Herewith please find a plan or study, for the laying out and improvement of Morningside Park, together with enlarged drawings of the proposed improvements of the slopes and table grounds adjoining One Hundred and Tenth street, on the south-easterly corner, and One Hundred and Twenty-third street, on the north-easterly portion.

In preparing the accompanying plan it is proposed to make the surrounding avenues and streets form a portion of the Park, the area, more especially the width, of the grounds of the park, being inadequate in extent, and the topographical surface unsuited for carriage or equestrian roads.

It is, therefore, proposed to have no inclosing walls or fences, except such parapet walls as are absolutely required for safety between the avenues and the Park.

At the southerly end, adjoining One Hundred and Tenth street, at which point the elevations of the street and avenue are much above the table land of the Park, it is proposed to construct terraces, the sidewalks of the street and avenue forming the upper walk, the walk next below to be a berceau or vine-covered walk, both of which will overlook the parterre or flower-garden surrounding an ornamental basin, of a regular figure, with fountains, as is shown by enlarged drawings.

The table land at the north-easterly portion, adjoining One

Hundred and Twenty-third street, is also to be laid out with an ornamental basin of a geometrical form with small fountains, and surrounded with a flower garden, as shown by enlarged drawing.

In preparing these plans and recommending the construction of so much of the grounds as are available in regular or geometrical forms or figures, especially of the ornamental basins, the nearness of the Central Park (the lakes and ponds of which, with one exception, have been constructed irregular in form and outline, and so as to imitate as far as practicable natural sheets of water) has been taken into consideration. Along the avenue on the west, between One Hundred and Sixteenth and One Hundred and Eighteenth streets, and where the rock inside the Park is very steep and precipitous from the line of the avenue, it is proposed to extend the sidewalk of the avenue from ten to fifteen feet into the Park, to be sustained by a wall surmounted with a parapet or railing, with flights of steps at each end affording means of access to the Park, the walk to be covered with arbors and vines, and from which will be a fine and uninterrupted view of nearly the whole Park, the East and Harlem rivers, Long Island Sound, the upper portion of the city, and the lower part of Westchester county.

The plan presented gives only the general outline of the main walks and improvements which the natural contour of the ground plainly suggests as being most practicable of construction; and the many narrow walks and paths which can be advantageously constructed, affording the visitor fine views, secluded rambles, seats, rustic arbors, and shelters, have not been delineated, but have been considered as matter of detail to be more carefully studied and laid out during the progress of the construction of the work.

The systems of thorough and superficial drainage have been considered, and it is believed that the water derived therefrom can be collected and conducted so as to be made available for the supply of both the basins of water, and, after being used at the one at the northerly end, can be conducted and used at the southerly one; but this being considered a matter of detail has not been so fully studied as is requisite to report a complete plan therefor. In connection with the plan I have caused a model to be made showing the present topographical surface of the Park, with the streets and avenues surrounding at the present legal grade, and have had the proposed plan of improvement indicated thereon, from which a better idea of the proposed improvement can be obtained than from the plan alone.

Respectfully,

M. A. KELLOGG,

Engineer-in-Chief.

DOCUMENT No. 30.

BOARD

OF THE

Department of Public Parks,

NOVEMBER 28TH, 1871.

A report was received from the Comptroller of the Department, in compliance with a resolution of the Board, relative to the condition of the accounts, liabilities, employés, work in progress and unfinished.

Ordered, That said report be laid on the table.

GEO. M. VAN NORT,

Clerk Ex. Office.

DEPARTMENT OF PUBLIC PARKS, }
BUREAU OF ACCOUNTS, }

265 BROADWAY, NEW YORK,

November 25th, 1871.

HON. HENRY G. STEBBINS,

President, Department of Public Parks :

Sir—In compliance with a resolution of the Board of Commissioners of the Department of Public Parks, adopted November 22d, 1871, directing

“ That the Comptroller prepare a statement, and that the same be printed for the use of the Board at its next meeting, showing the work in progress by the Department yet unfinished, whether by contract or otherwise, what portion remains to be done, and the estimated or probable expense, and the time required to finish the same ; also a list of all the employees of the Department, giving name, occupation, salary and date of appointment, discriminating between those in the employ before October 1st, and subsequently ; also as to the condition of the accounts and liabilities.”

I respectfully submit the following :

I.—“ CONDITION OF THE ACCOUNTS.”

Exhibit of the Available Resources of the Department from Funded Stock—viz. :

Museum and Observatory, construction of, authorized by Chap. 595 Laws of 1869, balance. . . . \$100,000 00

Metropolitan Museum of Art, construction of, authorized by Chap. 290 Laws of 1871.....	\$500,000 00
American Museum of Natural History, construc- tion of, authorized by Chap. 290 Laws of 1871.	500,000 00
City Parks Improvement Fund, authorized by Chap. 290 Laws of 1871.....	\$3,000,000 00
Less amount expended.....	1,525,000 00
	<hr/>
Amount to be received.....	\$1,475,000 00

LIABILITIES, PARK IMPROVEMENTS.—

Dr. Balances :

Central Park.....	\$358,308 38	
City Parks.....	151,670 35	
Bills in office unpaid, say.....	200,000 00	
Amount raised under Act of 1867, and au- thorized to be fund- ed under Act of 1871.....	395,000 00	
Orders issued for Tools, Materials and Struc- tures.....	150,000 00	
	<hr/>	\$1,254,978 73
Amount available for future Park Improvements.		220,021 27
		<hr/>
Total.....		\$1,320,021 27

HARLEM RIVER AND SPUYTEN DUYVIL CREEK IMPROVEMENTS.

Bridges between New York and Westchester Co., authorized by Chap. 534 Laws of 1871 : Amount called for.....	\$100,000 00
Amount expended on this account..	23,391 15
	<hr/>
Amount available.....	\$76,608 85

ASSESSMENT FUND.

Assessment Bonds authorized by Chapter 697 Laws of 1867, for improvement of Boulevard, Avenues and Streets, particular work to be specified and amount required stated.

The following is a Statement of the Expenditures on the various Accounts from April 20th, 1870, to November 1st, 1871:

Central Park, construction.....	\$1,313,264 27
“ “ maintenance.....	667,203 12
Museum and Observatory, Maintenance of.....	70,306 98
“ “ “ construction.....	161,377 06
Parks and Places, maintenance of.....	185,912 62
Roads and Avenues, maintenance of.....	21,659 37
Boulevard.....	1,065,243 03
Seventh avenue.....	315,539 67
Sixth avenue.....	515,014 36
Avenue St. Nicholas.....	238,137 80
Grading Eighth avenue, Seventy-seventh to Eighty-first streets.....	72,648 10
Manhattan street.....	22,417 96
Harlem River and S. D. Imprt.....	10,053 94
145th street.....	28,843 20
Town of West Farms.....	25,589 82
Town of Yonkers.....	29,714 67
Tenth avenue.....	7,265 00
McComb's Dam Bridge.....	21,760 00
Harlem Bridge.....	1,903 19
Morningside avenue.....	1,528 74
Avenue at base Morningside Park.....	169 98
North End of Island.....	7,220 90
West Side Improvement.....	813 66
Adapting West Line of Park to Eighth avenue grade.....	22,834 53
East Side Improvement.....	4,097 29

PARKS AND PLACES, IMPROVEMENT OF.

City Hall Park.....	160,139 73
Battery.....	322,296 48

Washington Square.....	\$214,113 82
Tompkins Square.....	90,273 76
Madison Square.....	68,186 92
Reservoir Square.....	72,317 77
Mount Morris Square.....	80,481 41
Union Square.....	31,563 84
Public Square, Fifty-ninth street and Fifth avenue Circle, Fifty-ninth street and Eighth avenue.....	20,644 00 17,137 01
Fourth Avenue Park.....	18,516 77
Morningside Park.....	7,136 24
High Bridge Park.....	2,414 55
Triangle, Canal street.....	13,958 09
Abingdon Square.....	384 65
Christopher Street Park.....	
Stuyvesant Parks.....	1,808 46
Sixth Avenue Parks.....	5,387 82
Cooper Park.....	2,329 09
Bowling Green.....	2,882 50
Five Points Park.....	2,260 12
Duane Street Place.....	6,033 05
Beach Street Place.....	3,847 85
Grand Street Place.....	3,777 70
Riverside Park.....	2,051 47
Jackson Triangle.....	203 67
Total.....	\$5,960,666 03

MAINTENANCE ACCOUNT, 1871.

Cost of <i>Central Park</i> , maintenance from January 1st to November 1st, 1871.....	\$396,448 52
Estimated cost from November 1st to January 1st, 1872.....	79,389 64
Total.....	\$475,838 16
Received from City of New York for maintenance of the Park for the year 1871.....	\$186,000 00
Received from other sources.....	19,714 54
	\$205,714 54
Estimated deficiency <i>Central Park</i>	\$270,123 62

Brought forward.....	\$270,123 62
<i>Parks and Places</i> , estimated deficiency on main- tenance January 1st, 1871.....	121,440 56
<i>Roads and Avenues</i> , maintenance of, estimated deficiency January 1st, 1872.....	32,259 37
<i>Museum and Observatory</i> , maintenance of, esti- mated deficiency January 1st, 1872.....	48,275 45
Total deficiencies on Maintenance.....	\$472,099 00

Statement showing the balances on the various accounts, November 22d, 1871.

Cr. balances :

Boulevard.....	\$156,342 26
Avenue St. Nicholas.....	104,264 22
Seventh avenue.....	99 635 27
Sixth avenue.....	52,328 27
Manhattan street.....	62,032 87
Grading Eighth avenue, Seventy-seventh to Eighty- first streets.....	135,736 00
Tenth avenue.....	89,216 54
Ninth avenue.....	10,000 00
North End of Island.....	3,100 00
Broadway widening.....	1,218 00
West Side Improvement.....	1,963 68
Adapting West Line of Park to Eighth avenue grade	2,165 47
	<u>\$718,002 58</u>
Loan from Tenth National Bank.....	109,453 74
	<u>\$827,456 32</u>

Dr. balances :

Central Park, construction.....	\$358,308 38
<i>Parks and Places</i> , construction and maintenance.....	151,670 35
Central Park, maintenance.....	213,816 12
<i>Museum and Observatory</i> , construc- tion of.....	12,377 06
Forward.....	<u>\$736,171 91</u>

Brought forward.....	\$735,171	91
Museum and Observatory, maintenance of.....	36,841	00
145th street, Sixth to Seventh avenue	25,046	00
Town of West Farms.....	3,069	07
Town of Yonkers.....	1,155	97
McComb's Dam Bridge.....	20,837	79
Harlem Bridge.....	1,826	36
Harlem river and S. D. Improvement	727	00
Morningside avenue.....	1,521	24
Avenue at base Morningside Park...	259	88
		<hr/>
	\$827,456	32

II.—“LIABILITIES.”

Filling for Eighth avenue, St. Nicholas avenue, Manhattan square, &c.....	\$45,000	00
Broken stone for Boulevard, Seventh avenue, St. Nicholas avenue, &c.....	40,000	00
Tools, Materials and Sundries.....	29,000	00
Cottages, Central Park, Washington Park, Mount Morris and Reservoir Parks.....	15,800	00
Railing and Coping around Lincoln Monument...	6,700	00
Granite for Conservatory.....	4,000	00
Paving Madison Square.....	50,000	00
Paving T. R., Central Park.....	30,000	00
Fountain Basin, Central Park.....	10,350	00
City Hall Fountain.....	12,000	00
Fountain, Fifty-ninth street and Fifth avenue....	6,970	00
Unpaid bills in office.....	448,853	38
Park-keepers' Pay Roll to Dec. 1.....	9,5	0 00
Engineers' and Clerks' Pay Roll to Dec. 1.....	14,000	00
Pay Roll of Supt. and Sweepers to Dec. 1.....	2,800	00
Comptroller's Office, Pay Roll to Dec. 1.....	2,600	00
Laborers' Pay Roll of Nov. 25.....	75,000	00
Deficiencies on various accounts to Nov. 22.....	827,456	32
		<hr/>
Total.....	\$1,620,029	70

Reference is made to the appended Report of the Engineer in-Chief, for liabilities on contract work for regulating, grading and improving the Seventh avenue, Avenue St. Nicholas and Manhattan street.

III.

*List of Employees in the Department of Public Parks on or before
October 1st, 1871, and since that date, as indicated.*

BUREAU OF ACCOUNTS.

COMPTROLLER'S OFFICE.

NAME.	RANK.	DATE OF APPOINTMENT.	PRESENT RATE OF PAY.	FORMER RATE OF PAY.
October 1, 1871.				
George M. Van Nort.....	Comptroller.	May 3, 1870.	per annum. \$5,200	per annum. \$5,000
E. P. Barker.....	Deputy Comptroller.	May 31, 1870.	4,000	2,750
William H. Barker.....	Purchasing Clerk.	June 14, 1871.	4,000	
James Turnbull.....	Book-keep.	May 27, 1870.	2,500	2,000
Samuel T. Houghton.....	Asst. Bookkeeper.	do	1,800	per day. \$4
Edward B. Hifton.....	Clerk to Treasurer.	June 10, 1870.	2,000	
A. S. Wydler.....	Clerk.	do	1,800	
F. C. A. Hecker.....	Messenger.	August 9, 1870.	900	\$2.50
Timothy Mulcaly.....	do	June 19, 1871.	per day, \$1	
William H. Piper.....	do	April 26, 1871.	per mo. 80	
Horace Whitney.....	do	July 11, 1871.	per day. 2	
Eleanor Nolton.....	Janitress.	July 23, 1870.	per mo. 52	

DISBURSING OFFICE.

Wm. Van Valkenburgh.....	Disbursing Clerk.	May 31, 1870.	per annum. \$3,000	per day. \$5 00
J. F. Belton.....	Clerk.	June 1, 1870.	1,800	3 00
George W. Oakley.....	do	July 2, 1870.	2,000	
Frank E. Nesmith.....	do	June 13, 1870.	2,000	
Frank J. Kelly.....	do suspended.	Sept. 27, 1870.	1,200	2 00
George Henriques.....	do	Oct. 3, 1870.	1,200	
William H. Hoyt.....	do	Feb. 21, 1871.	1,500	
Albert C. Pratt.....	do	March 4, 1871.	1,200	
Edwin F. Bowen.....	do suspended.	May 23, 1871.	1,200	
George H. Harrison.....	do	June 5, 1871.	1,200	
R. J. Morrison.....	do suspended.	Oct. 26, 1871.	1,200	
Francis Farrell.....	Messenger.	Oct. 7, 1870.	600	
George H. F. Davis.....	do	June 1, 1870.	480	
Henry Carpenter.....	do	Oct. 31, 1870.	per day, \$2	
John McLaughlin.....	do	April 7, 1871.	do 1 50	

PROPERTY CLERK'S OFFICE.

Adolph Donahaut.....	Property Clerk.	June 13, 1870.	\$2,000	
Horace Prior.....	Clerk.	Oct. 24, 1870.	1,500	
Edward O'Neil.....	do	June 30, 1870.	1,200	
J. P. McDonough.....	do	Sept. 27, 1870.	1,200	
James F. Crowe.....	Messenger,	July 19, 1871.	per day, \$2.	

List of Employees—(Continued.)

BUREAU OF CONSTRUCTION AND REPAIRS.

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.				
M. A. Kellogg.....	Engineer-in-Chief.	May 19, 1870.	Per Annum. \$6,000.	Per Day. \$9 50
C. O'Grady.....	Asst. Engineer.	June 24, 1870.	2,500	4 75
William B. Swan.....	do	do	2,500	4 50
Emil Bleyer.....	do	do	2,500	4 50
F. A. Calkins.....	do	do	2,500	4 50
H. W. Ballantine.....	do	August 17, 1870.	2,500	
F. H. Hamlin.....	do	Sept. 23, 1870.	2,500	
A. O. Delauro.....	do	Oct. 7, 1870.	2,500	
Ravin P. Storrs, Jr.....	do	Sept. 24, 1870.	2,500	
Gustave Wagner.....	do	August 9, 1871.	1,500	
Ed. Kemeys.....	Rodman.	June 24, 1871.	1,500	2 75
F. H. Kane.....	do	June 17, 1870.	1,500	
H. V. M. Dennis.....	do	March 14, 1871.	1,500	
J. A. Knapp.....	do	October 28, 1870.	1,500	
F. S. Underhill.....	do	October 27, 1870.	1,500	
Abraham Webb.....	do	January 27, 1871.	1,500	
Nathaniel Beard.....	do	April 26, 1871.	1,500	
James P. Carsen.....	do	May 18, 1871.	1,500	
Duncan D. Templeton.....	do	June 29, 1871.	1,500	
Richard Schermerhorn.....	do	August 24, 1871.	1,500	
Isaac J. D. Dodge.....	Inspector.	June 15, 1870.	1,500	
James P. Carolan.....	do	May 23, 1870.	850	Messenger.
Carl Spangenberg.....	Draughtsman.	June 24, 1870.	1,800	\$1.50 p. day.
Max Thompson.....	do	October 12, 1870.	p. day, \$3.50	p. day \$3.50
Alvin Rose, Jr.....	do	July 1, 1871.	do 3.50	
G. Becht e.....	Pl'n Table Survey'r.	June 24, 1870.	p. an. \$1,800.	
D. M. Fields.....	Clerk.	May 23, 1870.	do 2,000	
Edward F. McGee.....	do	Feb. 13, 1871.	do 1,200	
Thomas J. Lannon.....	Messenger.	June 15, 1870.	p. day, \$2.00	
Henry E. Russell.....	do	June 12, 1871.	do 1.00	
James McCabe.....	Axman.	June 24, 1870.	do 2.50	p. day, \$2.25
George Merz.....	do	June 24, 1870.	do 2.50	do 2.50
H. Wingrove.....	do	June 24, 1870.	do 2.50	do 2.00
A. Sassmann.....	do	June 24, 1870.	do 2.50	
A. Eichler.....	do	June 17, 1870.	do 2.50	
John Gleeson.....	do	Sept. 7, 1870.	do 2.50	
Martin Coffee.....	do	Sept. 7, 1870.	do 2.50	
Matthew Cain.....	do	Sept. 10, 1870.	do 2.50	
J. Farley.....	do	Sept. 29, 1870.	do 2.50	
John McCormick.....	do	Dec. 15, 1870.	do 2.50	
Max W. Rader.....	do	June 22, 1871.	do 2.50	
J. P. Schermerhorn.....	do	January 13, 1871.	do 2.50	
Matthew G. Robinson.....	do	January 19, 1871.	do 2.50	
George C. Babcock.....	do	Dec. 1, 1870.	do 2.50	
J. H. Schenck.....	do	April 6, 1871.	do 2.50	
Alexander S. Parker.....	do	April 6, 1871.	do 2.50	
Smith H. Fitch.....	do	May 10, 1871.	do 2.50	
Alexander B. Smith.....	do	May 9, 1871.	do 2.50	
Timothy Fitzpatrick.....	do	June 7, 1871.	do 2.50	
Henry S. Hetherington.....	do	June 7, 1871.	do 2.50	
Patrick J. Mahoney.....	do	June 13, 1871.	do 2.50	
John Taer.....	do	June 13, 1871.	do 2.50	
Henry Heffernan.....	do	June 12, 1871.	do 1.00	
C. A. Muerlin.....	do	October 29, 1870.	do 2.50	
Leonard R. Van Buskirk.....	do	June 28, 1871.	do 2.50	
John Green.....	do	Nov. 30, 1870.	do 2.50	
Michael J. Kelly.....	do	July 25, 1871.	do 2.50	
Alexander Kyle.....	do	August 17, 1871.	do 2.50	
Francis Lynch.....	Chairman.	Sept. 1, 1871.	do 2.50	

List of Employees—(Continued.)

BUREAU OF THE CENTRAL PARK.

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.			Per Annum.	Per Annum.
B. F. Crane.....	Superintendent.	May 19, 1870.	\$5,200	\$5,000
Isaac Jerome.....	Ass't do	December 2, 1870.	1,500	
William A. Conklin.....	Clerk.	May 27, 1870.	1,800	per day, \$4
J. O. Bertholf.....	do	October 10, 1870.	1,500	
Daniel Gillan.....	do	April 1, 1871.	1,000	
John J. Lynch.....	Messenger.	June 1, 1870.	750	
George Black.....	do	December 9, 1870.	Per Day, \$2.	
Walter H. Kimball.....	do	April 17, 1871.	" \$2.	
George P. Schaaff.....	Painter.	July 5, 1870.	Per An. 1.100	3 00
Daniel Draper.....	Meteorologist.	July 2, 1870.	" 3,000	5 25

BUREAU OF LANDSCAPE GARDENING.

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.			Per Annum.	
Frank A. Pollard.....	Acting Chief Landscape Gardener.	June 13, 1870.	\$3,000	\$5 00
Emil T. Legrave.....	Ass't to do	June 21, 1870.	2,500	
Joseph Murphy.....	Ass't to do	Septem. 14, 1870.	2,500	
Robert Demcker.....	Draughtsman.	March 27, 1871.	1,600	
Charles Gustafsen.....	Ass't do	April 10, 1871.	Per day, 2 40	
James Watson.....	Clerk.	Novem. 16, 1870.	Per An. 1,200	
James J. Dwyer.....	Messenger.	Novem. 11, 1870.	Per Day, \$1.	

BUREAU OF CIVIL AND TOPOGRAPHICAL
ENGINEERING.

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.			Per Annum.	
William H. Grant.....	Chief Engineer.	Sept. 27, 1871.	\$5,200	per hour, \$1
John S. Newlin.....	Division Engineer.	Nov. 3, 1870.	3,000	per day, 4
George A. Cushing.....	do	Nov. 11, 1870.	3,000	
J. James R. Croes.....	do	July 8, 1871.	3,500	

List of Employees—(Continued).

BUREAU OF CIVIL & TOPOGRAPHICAL ENGINEERING

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.				
Stephen S. Haight.....	Ass't Engineer.	June 14, 1871.	\$10 per day.	
Frederick S. Odell.....	do	June 23, 1871.	5 do	
Robert L. Cooke.....	do	August 7, 1871.	\$3,000 p. an.	
C. R. Schott.....	do	August 9, 1871.	per day \$5.	
Hermann Criegger.....	Draughtsman,	October 20, 1870.	p. an. \$1,500	
Fred'k Greifenburg.....	do	May 6, 1871.	do \$1,800	
David Patterson.....	Borer.	June 19, 1871.	do 1,500	
John Lemaire.....	Assistant Borer.	August 21, 1871.	p. day, \$3.00	
S. B. Smith.....	Leveler.	July 26, 1871.	do 5.00	
Isaac Halsted.....	Inspector.	April 25, 1871.	do 3.00	
Daniel O'Brien.....	Rodman.	July 26, 1871.	do 3.00	
David F. Bonticon.....	do	August 9, 1871.	do 3.00	
Thomas Fox.....	Chainman.	Nov. 17, 1870.	do 3.00	
George M. Cushing.....	do	Nov. 19, 1870.	do 2.50	
Amos H. Dickerson.....	do	Nov. 17, 1870.	do 2.50	
Philip J. Brady.....	do	Nov. 17, 1878.	do 2.50	
Samuel T. Boggs.....	do	May 25, 1871.	do 2.50	
Efingham M. Cook.....	do	May 26, 1871.	do 3.00	
S. Giraud Carpenter.....	do	June 24, 1871.	do 3.00	
Clarence Boggs.....	do	August 9, 1871.	do 2.50	
George T. Washburn.....	do	August 9, 1871.	do 2.50	
James Connor.....	do	August 11, 1871.	do 2.50	
Matthew Cox.....	do	October 11, 1870.	do 2.50	
R. B. Stuart.....	Clerk.	October 25, 1870.	p. an. \$1,500	
Frederick Brown.....	Messenger.	May 22, 1871.	per day, \$2.	

BUREAU OF ARCHITECTURE.

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.				
Jacob Wrey Mould.....	Architect-in-Chief.	May 19, 1870.	per annum.	\$1 an hour
Julius Munkwitz.....	Arch't Superint'd't.	June 1, 1870.	\$5,200	when eng'd.
George B. Pelham.....	Draughtsman.	June 13, 1871.	4,500	\$1 do
A. Holmgrew.....	do	June 20, 1871.	1,200	
Arthur Krause.....	do	June 16, 1870.	p. day, \$2.50	

List of Employees—(Continued).

BUREAU OF POLICE.

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1.				
Nathaniel R. Mills.....	Captain.	Dec. 9, 1870.	per annum. \$3,000.00	per day. \$5.00
Robert P. Scofield.....	Lieutenant.	" 10, "	1,700.00 per day,	
Martin R. Beam.....	Sergeant.	Held over.	3.75	3.75
J. Layng.....	do	do	3.75	3.75
Thomas Beatty.....	do	do	3.75	3.75
Thomas A. Henry.....	do	do	3.75	3.75
Edward S. Lord.....	do	do	3.75	3.75
William Monahan.....	do	do	3.75	3.75
Edward Murray.....	do	do	3.75	3.75
Fritz H. Vondohlen.....	do	do	3.75	3.75
William F. Leonard.....	Roundsmen.	do	3.25	
Robert D. Murphy.....	do	do	3.25	
John Russell.....	do	do	3.25	
Caspar Antes.....	Patrolman.	do	3.00	3.00
John E. Becker.....	do	do	3.00	3.00
William Birk.....	do	do	3.00	3.00
Edward Burns.....	do	do	3.00	3.00
Rudolph Butler.....	do	July 7, 1870.	3.00	
Bartley Clancy.....	{ Gate-keeper.	June 13, 1870,	3.00	
	{ Park-keeper.	July 7, 1870.	3.00	
James Connolly.....	Patrolman.	do	3.00	
Philip Corcoran.....	do	Held over.	3.00	3.00
Philip Cosgrove.....	do	do	3.00	3.00
John W. England.....	do	July 7, 1870.	3.00	
Edward Fay.....	do	June 13, 1870.	3.00	
Thomas Floyd.....	do	Jan. 1, 1871.	3.00	
Thomas Frawley.....	do	June 13, 1870.	3.00	
William F. Gall.....	do	Held over	3.00	3.00
James Golden.....	{ Gate-keeper.	Dec. 28, 1870.	3.00	
	{ Park-keeper.	May 1, 1871.	3.00	
Henry Hammond.....	Patrolman.	Held over.	3.00	3.00
Matthew Horan.....	do	July 7, 1870.	3.00	
John Kelly.....	do	Held over.	3.00	3.00
Edward Kelly.....	do	do	3.00	3.00
Joseph Lenz.....	do	do	3.00	3.00
Barthol. Lynch.....	do	do	3.00	3.00
Philip Loeffel.....	do	do	3.00	3.00
Charles Luderman.....	do	July 18, 1870.	3.00	
George W. McCoy.....	do	Held over.	3.00	3.00
James McTeague.....	do	do	3.00	3.00
James McVey.....	do	do	3.00	3.00
Thomas McKeon.....	do	June 13, 1870.	3.00	
Thomas McGuire.....	{ Gate-keeper.	do	3.00	
	{ Park-keeper.	Aug. 25, 1870.	3.00	
Richard McCormick.....	{ Gate-keeper.	Sept. 7, 1870.	3.00	
	{ Park-keeper.	April 28, 1870.	3.00	
James Mackey.....	Patrolman.	Held over.	3.00	3.00
Richard W. Morgan.....	do	do	3.00	3.00
Lawrence Moorcraft.....	do	do	3.00	3.00
Richard R. Moore.....	do	do	3.00	3.00
Thomas Mulligan.....	do	do	3.00	3.00
Thomas Malone.....	do	June 13, 1870.	3.00	
Timothy O'Connor.....	do	July 7, 1870.	3.00	
John Pye.....	do	Held over.	3.00	3.00
Martin Philbin.....	do	do	3.00	3.00
Abraham Phillips.....	do	June 13, 1870.	3.00	
James Quinn.....	do	do	3.00	
Frank Keynolds.....	do	do	3.00	
Thomas Ryan.....	do	July 18, 1870.	3.00	
John Russell.....	do	Held over.	3.00	3.00
Charles Smith.....	Discharged.	do	3.00	3.00

BUREAU OF POLICE—(Continued).

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Formerr Rate of Pay.
October 1, 1871.				
Patrick Sheran.....	Patrolman	Held over.	per day \$3.00	per day. \$3.00
Manus Sheehy.....	do	Held over.	3.00	3.00
George H. Smithers.....	do	July 7, 1870.	3.00	3.00
James Vanin.....	do	Held over.	3.00	3.00
Fred. Vanni.....	do	Held over.	3.00	3.00
Robert E. Walker.....	do	July 8, 1870.	3.00	3.00
George Wagner.....	do	June 13, 1870.	3.00	3.00
William White.....	{ Gate-keeper. { Park-keeper.	June 13, 1870.	3.00	3.00
William Baldwin.....	Patrolman, Battery.	July 7, 1870.	3.00	3.00
Thomas Ledwith.....	do do	January 30, 1871.	3.00	3.00
William J. Colby.....	do do	July 1, 1881.	3.0	
Louis Flock.....	do do	Held over.	3.00	
John Styles.....	do do	December 2, 1870.	3.00	
		June 16, 1870.	3.00	
Since October 1, 1871.				
James McCarthy.....	do do	October 24, 1871.	3.00	
October 1, 1871,				
John Culty.....	Patrolman, Bowling Green	October 20, 1870.	3.00	
Thomas Desmond.....	Patrolman, City Hill Park.	October 6, 1870.	3.00	
William Higgins.....	do	January 26, 1871.	3.00	
Since October 1, 1871.				
James Maloney.....	do	October 31, 1871.	3.00	
John D. O'Connor.....	do	November 3, 1871.	3.00	
October 1, 1871.				
John McGougal.....	Patrolman, Duane St. Park	June 12, 1871.	3.00	
Michael Killeen.....	Patrolman, Beach St. Park	December 2, 1870.	3.00	
William Byrne.....	Patrolman, Canal St. Park	January 14, 1871.	3.00	
Julius A. Donaldson.....	Patrolman, Washing- toun Park	held over.	3.00	
Hugh Downey.....	do	June 20, 1870.	3.00	
Since October 1, 1871.				
George Walker.....	do	October 27, 1871.	3.00	
October 1, 1871.				
John Wakely.....	do	June 16, 1870.	3.00	
Jacob Weing.....	do	March 18, 1871.	3.00	
Thomas Wade.....	Patrolman, Cooper Park	August 20, 1870.	3.00	
Andrew Alberton.....	Patrolman, Tomp- kins Park	June 16, 1870.	3.00	
James McGuire.....	do	January 1, 1871.	3.00	
James McGrath.....	do	June 20, 1870.	3.00	
Daniel Lamm.....	do	May 3, 1871.	3.00	
Since October 1, 1871.				
James Crumly.....	Patrolman, Abing- don Park	October 30, 1871.	3.00	
October 1, 1871.				
Philip Colwell.....	Patrolman, Union Park	June 16, 1870.	3.00	
John Geehagan.....	do	do	3.00	
Andrew Watson.....	Patrolman, Stuyve- sagt Park	do	3.00	
John Smith.....	do	June 18, 1870.	3.00	
James McGivney.....	do	Sept'r 20, 1871.	3.00	
Patrick Doyle.....	Patrolman, Madison Park	Sept'r 21, 1871.	3.00	
Michael McGinnis.....	do	June 15, 1870.	3.00	
Patrick Many.....	Patrolman, 6th Ave. Park	June 16, 1870.	3.00	
		July 6, 1870.	3.00	

BUREAU OF POLICE—(Continued).

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.				
Dennis Healy.....	Patrolman, Reser- voir Park	July 5, 1870.	\$3.00	
James A. McCormick.....	do	June 24, 1870.	3.00	
Charles Coughlin.....	Patrolman, 4th Ave. Park	May 30, 1870.	3.00	
Robert McGinley.....	do	do	3.00	
Nicholas Campbell.....	Patrolman, Mount Morris Park	June 3, 1870.	3.00	
Jonas Chandler.....	do	July 5, 1870.	3.00	
Michael Meany.....	do	held over.	3.00	
Since October 1, 1871.				
James H. Brown.....	Patrolman, dischar- ged, Grand St. Park	October 30, 1871.	3.00	
October 1, 1871.			per annum	
Joseph Hilton.....	Police Surgeon	December 2, 1871.	\$2,250.00	
R. D. Nesmith.....	do	do	2,250.00	
John Breen.....	Gate-keeper	June 13, 1870.	per day \$2.50	2.25
Patrick Burns.....	do		2.50	2.25
Michael Byrne.....	do		2.50	2.25
Charles Boyle.....	do	March 18, 1871.	2.50	2.25
William H. Brown.....	do	April 27, 1871.	2.50	2.25
Since October 1, 1871.				
Michael Burke.....	do	October 26, 1871.	2.50	2.25
October 1, 1871.				
Andrew Callahan.....	do	June 20, 1871.	2.50	2.25
John Carpenter.....	do	Decem'r 29, 1870.	2.50	2.25
Thomas J. Callahan.....	do	March 18, 1871.	2.50	2.25
James Cross.....	do	April 1, 1871.	2.50	2.25
Since October 1, 1871.				
Michael Connolly.....	do	October 31, 1871.	2.50	2.25
George Cox.....	do	do	2.50	2.25
October 1, 1871.				
Charles J. Drew.....	do	June 13, 1870.	2.50	2.25
John W. Dusenbury.....	do		2.50	2.25
Michael Dunn.....	do	July 2, 1870.	2.50	2.25
Peter Doyle.....	do	do	2.50	2.25
Lawrence Delaney.....	do	April 24, 1871.	2.50	2.25
William Farrell.....	do	July 2, 1870.	2.50	2.25
William Flannigan.....	do	March 18, 1871.	2.50	2.25
John Fagan, 1.....	do	March 27, 1871.	2.50	2.25
Lawrence Flannery.....	do	March 18, 1871.	2.50	2.25
John Fagan, 2.....	do	May 15, 1871.	2.50	2.25
Conrad Furber.....	do	May 22, 1871.	2.50	2.25
Since October 1, 1871.				
Patrick Foy.....	do	October 31, 1871.	2.50	2.25
October 1, 1871.				
Patrick Hannon.....	do		2.50	2.25
Caspar Kuitz.....	do		2.50	2.25
William Keenan.....	do	July 28, 1871.	2.50	2.25
James Kiernan.....	do	Decem'r 6, 1870.	2.50	2.25
John Lappin.....	do	July 2, 1870.	2.50	2.25
Patrick Lynch.....	do	March 18, 1871.	2.50	2.25
Since October 1, 1871.				
Henry F. Lieberman.....	do	October 18, 1871.	2.50	2.25
October 1, 1871.				
James McConville.....	do	June 13, 1870.	2.50	2.25
Patrick Martin.....	do	July 18, 1870.	2.50	2.25
Peter McCusker.....	do	Sept'r 28, 1870.	2.50	2.25

BUREAU OF POLICE—(Continued).

NAME.	RANK.	Date of Appointment.	Present Rate of Pay.	Former Rate of Pay.
October 1, 1871.				
Samuel T. Monson	Gate-keeper.	August 25, 1871.	\$2.50	\$2.25
Daniel Mohony	do	Decem'r 29, 1871.	2.50	2.25
Francis McLaughlin	do	March 18, 1871.	2.50	2.25
John Maher	do	March 25, 1871.	2.50	2.25
George Morton	do	March 27, 1871.	2.50	2.25
William J. Morton	do	March 18, 1871.	2.50	2.25
Since October 1, 1871.				
Thomas Mullen	do	October 19, 1871.	2.50	2.25
Since October 1, 1871.				
James McDonald	do	October 27, 1871.	2.50	2.25
October 1, 1871.				
Patrick Nevins	do		2.50	2.25
Henry Niencier	do	May 15, 1871.	2.50	2.25
Since October 1, 1871.				
James Netter	do	November 4, 1871.	2.50	2.25
October 1, 1871.				
Michael O'Keefe	do	April 7, 1871.	2.50	2.25
Bernard Quigg	do	July 2, 1870.	2.50	2.25
John Steinert	do	do	2.50	2.25
James Sterling	do	March 18, 1871.	2.50	2.25
George W. Smith	do	do	2.50	2.25
Since October 1, 1871.				
James Smith	do	October 19, 1871.	2.50	2.25
Thomas Sheridan	do	October 27, 1871.	2.50	2.25
October 1, 1871.				
Thomas Uling	do		2.50	2.25
Ernest Von Blomberg	do	May 13, 1871.	2.50	2.25
Charles Whitmore	do	June 19, 1871.	2.50	2.25
James Mahoney	do	March 18, 1871.	2.50	2.25

BUREAU OF PUBLIC SQUARES AND PLACES.

NAME.	RANK.	Date of Appointment.	Rate of Pay.
October 1, 1-71,			
William L. Wiley	Superintendent.	May 24, 1870.	Per Annum.
William F. Boehm	Clerk.	June 24, 1870.	\$4,000 00
Edward Roach	General Foreman.	June 13, 1870.	1,200 00
Jacob Diehl	Sweeper, Tompkins Square.	June 13, 1870.	pr. d'y 5 00
John Flood	do	do	pr. d'y 2 00
Andrew Salertine	do	do	do
George Murphy	do	do	do
Richard Moony	do	do	do
James Howard	do	Nov. 25, 1870.	do
David Head	Sweeper Washing'tn Square.	June 13, 1870.	do
Roger Quinn	do	May 20, 1871.	do
Henry Mulber	do	June 18, 1870.	do

BUREAU OF PUBLIC SQUARES AND PLACES—(Cont'd).

NAME.	RANK.	Date of Appointment.	Rate of Pay.
October 1, 1871.			
Daniel Higgins.....	Sweeper, Wash'n Sq.	June 13, 1870.	per day. \$2.
Bernard McDonough.....	do	Sept. 6, 1870.	do
Michael Lynch.....	Sweeper Union Sqr.	June 13, 1870.	do
Philip Smith.....	do	June 13, 1870.	do
Patrick Shea.....	do	Dec. 7, 1870.	do
Edward Murphy.....	do	March 18, 1871.	do
Andrew Cassidy.....	Sweeper Stuyvesant Square.	June 13, 1870.	do
Francis Terns.....	do	do	do
John Tucker.....	do	do	do
Terence F. McGowan.....	do	do	do
James Rechill.....	do	July 18, 1870.	do
Owen Murphy.....	Sweeper, Res-ervoir Square.	June, 1870.	do
James Ahearn.....	do	June, 1870.	do
James Evans.....	do	Dec. 21, 1870.	do
Since Oct. 1.			
Thomas Downey.....	do	Nov. 4, 1870.	do
Charles Anderson.....	do	Oct. 26, 1871.	do
Oct. 1.			
James Burnett.....	Sweeper, City Hall Park.	Sept. 5, 1870.	do
Jeremiah Donovan.....	do	Oct. 20, do	do
Francis Roberts.....	do	Oct. 22, do	do
Dominick Follis.....	do	Oct. 22, do	do
Patrick Powers.....	do	Oct. 21, do	do
Patrick Fallon.....	do	Nov. 25, do	do
Patrick Hallisay.....	do	Jan. 9, 1871.	do
H. McFarland.....	Sweeper 6th Ave. Parks.	March 18, 1871.	do
Michael Maher.....	Sweeper Bowling Green.	Oct. 20, 1870.	do
Thomas Rooney.....	Sweeper Madison Square.	June 13, 1870.	do
Patrick McCahill.....	do	do	do
Patrick McMurray.....	do	do	do
Jacob Kiefer.....	do	do	do
Phillip O'Neil.....	do	do	do
William Henderson.....	do	do	do
Nicholas Cooney.....	do	Dec. 5, 1870.	do
Michael Neville.....	Sweeper Battery.	May 16, 1871.	do
Thomas Lynes.....	do	July 17, do	do
Edward Mahoney.....	do	July 17, do	do
Since Oct. 1.			
John Sullivan.....	do	Oct. 19, do	do
Thomas Davis.....	do	Oct. 20, do	do
Bart Griffin.....	do	Oct. 30, do	do
Patrick Murray.....	do	do	do

RECAPITULATION.

	Prior to Oct. 1.	Since Oct. 1.	Totals.	Grand Totals.
Bureau of Account's—				
Comptroller's Office.....	12	.....	12	
Disbursing Office.....	14	1	*15	
Property Clerk's Office....	5	.....	5	32
* 3 suspended.				
Bureau of Construction & Repairs	59	.....	59	59
Bureau of Architecture.....	5	.....	5	5
Bureau of Central Park.....	10	.....	10	10
Bureau of Landscape Gardening.	7	.....	7	7
Bureau of Civil and Topographi- cal Engineering.....	29	.....	29	29
Bureau of Police—				
Captain.....	1	.....	1	
Lieutenant.....	1	.....	1	
Sergeants.....	8	.....	8	
Roundsmen.....	3	.....	3	
Patrolmen.....	87	6	93	
Gate-keepers.....	46	10	56	
Police Surgeons.....	2	.....	2	164
Bureau of Parks and Places—				
Bureau Officers.....	3	.....	3	
Sweepers.....	42	6	48	51
	334	23		357

STATEMENT showing the force of Laborers, Mechanics, Gardeners, Trucks, Carts, &c., employed by the Department of Public Parks, on the several dates mentioned, and the amounts of the pay rolls therefor, viz. :

		Pay Roll Amount-
January 1st, 1871.....	2,034	\$51,864 57
February 1st, 1871.....	2,300	48,978 36
March 1st, 1871.....	2,303	57,681 22
April 1st, 1871.....	2,996	76,685 19
May 1st, 1871.....	3,225	95,108 59
June 1st, 1871.....	4,058	116,080 36
July 1st, 1871.....	4,080	116,319 15
August 1st, 1871.....	4,238	118,030 41
September 1st, 1871.....	4,122	110,428 25
October 1st, 1871.....	3,478	111,964 86
November 1st, 1871.....	3,407	102,241 62
“ 6th, “	3,638	
“ 14th, “	3,020	91,177 09
“ 21st, “	2,863	
“ 25th, “	2,706	75,000 00
“ 27th, “	2,481	

Showing decrease from November 1st to 25th, of 701.

“ “ “ “ 6th to 27th, of 1,157.

IV. “ Work in progress by this Department, yet unfinished, whether by contract or otherwise, what portion remains to be done, and the estimated or probable expense, and the time required to finish the same.” In relation to which I communicated with the several persons in charge of the various classes of work under the jurisdiction of the Department, and append their reports.

Dated New York, Nov. 27, 1871.

GEO. M. VAN NORT,
Comptroller, D. P. P.

REPORT OF ENGINEER-IN-CHIEF.

DEPARTMENT OF PUBLIC PARKS, }
 OFFICE OF THE ENGINEER-IN-CHIEF, }

November 25th, 1871.

GEO. M. VAN NORT, Esq.,
Comptroller, D. P. P. :

SIR—In compliance with your communication of the 24th inst., containing copy of the resolution passed at a meeting of the Department of Public Parks on the 23d inst., and requesting the information required, so far as the same relates to the Bureau under my charge, on Monday morning next, the following report is submitted.

The very limited time given (one day) to prepare estimates of the cost for the completion of the work in progress under my charge, which work is so extended, is entirely inadequate.

I can, therefore, upon much of the work, give approximately only the statement required.

In the statement of work remaining to be done, and the estimated cost of the same, all unfinished or contemplated cottages, music stands, or other structures under the superintendence of the Architect-in-Chief, are not included, nor are the amounts of unpaid estimates, or bills which have been certified to and returned, in the estimated cost.

CITY PARKS.

THE BATTERY.

Upon this park, the work remaining to be done is the filling in rear of the wall surrounding the Basin for small boats, which is being done without expense to the Department, except the services of one man to attend the dump; the laying of about

2,900 square yards of Schillinger pavement around the Basin, which cannot be done until next season ; the purchase of about 850 cubic yards of mould or top-soil, to complete the shaping of one-half of an acre at the southerly end ; the placing of the rings and chains (all which are on hand) upon the stone posts along the sea wall, and the laying of about 260 lineal feet of drain pipe, so soon as the filling is sufficiently advanced.

Also about 250 cubic yards of rubble stone for rip-rap wall in front of sea wall, to secure it, is required at once.

In the amount stated below is added the amount due on contract for foundation for wall surrounding boat basin, and the bill of the New York Gas Company for laying pipe and setting posts.

The whole, except pavement and fillings, can be completed by January 1st, 1872.

Estimated cost, \$15,000.

CITY HALL PARK.

The fountain and basin in front and south of the City Hall, the stone for which is being delivered under contract, and the placing of a top-dressing of manure (which is on hand) upon the lawns early next spring, comprise the work remaining to be done.

The contract price for the stone is \$17,082, upon which an estimate for \$4,500 has already been returned, and to which must be added the cost of setting, plumbing, bronze work, &c.

Four to six weeks in the spring, as soon as the weather will admit the use of mortar without injury from frost, will be sufficient time to finish.

Estimated cost, \$22,500.

TRIANGLE AT THE FIVE POINTS.

Work upon this was suspended over a year ago, on account of a proposed change of grade on Worth street. Nothing has been done except the delivery of the base course and iron railing. No estimate can be made until the grade of the surrounding streets is decided.

PARK AT GRAND STREET AND EAST BROADWAY.

The laying of about 525 square yards of pavement, the preparing of foundations, drains, &c., the setting of a drinking hydrant, and the putting up of an iron urinal, which are on hand, are all remaining to be done.

This work can be done in about ten days.

Estimated cost, including bills for lamps and setting of posts, \$1,000.

UNION PARK.

About 5,200 square yards of interior pavements, the completion of the fountain and basin, the setting of drinking hydrants and the putting up of one small iron urinal, together with the laying of gas pipe and setting of lamp posts, and a small amount of seeding, complete the work.

The stone for the fountain and basin has not been contracted for, and if on hand could not be placed in the work before April next.

If the paving is to be done, it should be proceeded with at once before the weather becomes too cold.

The exterior walk is of the Scharf Concrete, and I would recommend it for the interior.

Estimated cost \$25,000 00

MADISON PARK.

The delivery and setting of about 400 lineal feet of six inch curb around the Worth Monument, two circular landing places and the southeast corner of Broadway and Twenty-third street; the paving and repaving of Fifth avenue, Broadway, Twenty-third street and Madison avenue, of about 11,000 square yards and 6,200 square feet of bridge stone; the completion of two fountains and basins, the stone for which has not been contracted for; the laying of about 4,000 square yards Schillinger pavement, and the setting of drinking hydrants and urinals, together with some shaping and seeding, remain to be done.

All of this work, except the fountain basins, can be completed within the next four weeks, if frost does not set in.

Estimated cost \$65,000

WASHINGTON PARK.

The large fountain and basin alone remain to be completed. No contract has been given for the stone.

A small amount is due upon the walk pavements, which cannot be determined until the work is finally completed. The basin cannot be constructed until after the first of April next.

Estimated cost \$25,000

RESERVOIR PARK.

Nothing but the drinking and two small fountains and basins, plans for which never have been determined, remains to be done.

About 750 square yards of Grahamite pavement is yet to be paid for.

Estimated Cost \$9,000 00

JACKSON SQUARE.

The work remaining to be done consists of the grading and superstructure of the sidewalks, the filling, grading, shaping and fertilizing of about one-half the area, and the repairing and setting up the iron railing, all of which can be completed within two or three weeks.

Estimated cost \$3,000

MOUNT MORRIS.

The shaping and finishing of the surface surrounding the Plaza or Common, on the high ground, the construction of about 10,000 square feet of walk, the superstructure of the walk and concourse, about 3,000 square yards, and the entrance walks at Fifth avenue and 120th street, plans for which never have been

fully developed, and the completion of the water distribution remains to be done.

Three or four weeks will be sufficient time to complete all, except the superstructure of the walks and the Fifth avenue and 120th street entrance, which cannot be done this season.

Estimated cost \$15,000

In the above I have omitted the permanent inclosure, and the superstructure of the side walks, on three sides, as the same cannot be done until the streets and avenues are graded.

PUBLIC SQUARE AT FIFTY-NINTH STREET AND FIFTH AVENUE.

The work to be done is the completion of the Fountain Basin, the stone for which is in part delivered and placed in the work, and upon which \$4,000 remains unpaid; 3,000 square yards roadway to be laid; 230 lineal feet eight inch curb to be set; two receiving basins to be built, and 2,500 square yards superstructure of sidewalk.

None of this work can be prosecuted this season, except the construction of the basin and the setting of the curb.

Estimated cost, except fountain, the plan for which has not been determined \$22,000

PARK AVENUE PARKS.

The delivery and setting of about 320 lineal feet of granite coping and iron railing remains to be done, the cost of which will be about \$2,200.

The time of completion depends upon the delivery of the coping, the railing being on the ground.

CENTRAL PARK.

Fifth Avenue Slopes and Wall.

The work still to be done and now in progress, is the completion of the filling for, and shaping of, the slopes from Ninety-seventh

to 102d street, the taking down the one-faced wall from 104th to 107th street, and carrying up dry foundation wall and filling of slopes; the rebuilding of the one-faced wall from Ninety-seventh street to 107th street; the building of the upper portion or two-faced wall from Ninety-seventh to 110th street; and the change of the grade of the 102d street entrance drive.

The rock excavation in slopes near 102d street, and the building of the dry foundation wall, together with the hauling of such material as can be procured from sources outside the Park, can be prosecuted during the winter. The bulk of the work, however, must necessarily be done during the summer months. The length of time for its completion must be governed somewhat by the facility of procuring material for filling, and the regulating and grading of the Fifth avenue; much of the enclosing wall cannot be built above the foundation until the grading is done.

Until measurements and computations of the work are made, no estimate can be stated; but I am of the opinion that \$50,000 could be advantageously expended during the coming year.

EIGHTH AVENUE SLOPES AND WALL.

During the past season a large amount of work has been done, and a large force is at work at present upon the slopes, according to the plans and report submitted to the Board, September 27th, 1870. There still remains a large amount of work to be done north of Seventy-third street, consisting of dry wall foundations for the support of the enclosing wall, filling of interior slopes, change of Ride from Seventy-fifth to Seventy-eighth street, rock excavation in interior slopes, change of the Transverse Road at Seventy-ninth street and entrance drives at Eighty-fifth and 100th streets, the entire enclosing wall from Seventy-second street to 110th street, and the upper portion of the wall from Sixty-third to Seventy-second street, the portion between Sixty-third and Sixty-sixth streets, a length of 1,400 lineal feet, being under contract. No estimates of quantities of the work have been made, and the condition and extent of the work at the present time is such that no estimate of quantities or cost can be approximated without making measurements over the whole extent.

The time required cannot be stated, as that depends entirely upon the progress made by the contractors who are prosecuting the grading of the Eighth avenue. The great bulk of the work, except the wall, can be completed during the coming year, and the entire wall south of Seventy-second street can, together with much of the one-faced wall north thereof, be also completed during the coming season.

EIGHT AVENUE FILLING, SEVENTY-SEVENTH STREET TO EIGHTY-FIRST STREET.

This work is being done by days' work. About 20,000 cubic yards of filling will be required to complete the grading of the avenue between the above streets, which is the only portion under the direction of the Department.

With the present force it can be completed by May 1st, 1872.

Estimated cost.....\$20,000

TRANSVERSE ROADS—CENTRAL PARK.

Transverse Road No. 1 is being paved with granite blocks, by contract, the grading and setting of the curb and the raising of the wall at the west end being done by day's work.

700 lineal feet of curb remain to be set, 400 lineal feet of roadway to be graded, and 4,350 square yards of pavement to be laid, but the cost of the whole road must be included in the cost.

Estimated cost.....\$34,000

It is expected that it will be completed during the next two or three weeks.

On Transverse Road No. 3, the paving was also done by contract.

It has been completed, and \$900 remains due under the contract.

THE GROUNDS WEST OF THE EIGHTH AVENUE, BETWEEN
SEVENTY-SEVENTH STREET AND EIGHTY-FIRST STREET.

No estimate of quantities has been made upon the grounds.

The instructions received by me were to fill to the grade of the Eighth avenue, two hundred feet from and parallel to the avenue, and to excavate the rock to the grade of the streets and avenues surrounding, and to widen Seventy-seventh street 20 feet on the northerly side.

The work is being done both by contract and by day's work.

95,000 cubic yards of filling will be required to complete the work as above stated, and about 5,000 cubic yards of rock excavation is yet to be done. At the prices for which filling is at present being furnished the estimated cost is \$96,000, and the time of completion December 1872.

BRIDGES.

BRIDGE No. 23,

East of the old Reservoir, requires only the iron railing to complete.

BRIDGE No. 26.

The abutments of this bridge are lengthened and up to the bottom of the old coping.

The construction of the rock work adjoining the northerly abutment, the extension of the old coping course, the building of the arch and construction of the roadway, crossing remain to be done. The laying of masonry has been suspended on account of the weather. If the balance of the granite is received and the cutting of the rings and sheeting done during this winter, the arch can be completed about June 1st.

Estimated cost \$12,000.

BUILDINGS AND STRUCTURES.

The Sheep Fold.—The work exterior to and connected therewith in the completion of the drainage and grading and the superstructure of walks, the estimated cost of which is \$2,000, and can be completed within two or three weeks.

Repair Shops.—About 600 cubic yards of earth have been left to protect the Reservoir wall, and 300 cubic yards of masonry are required to protect the wall as the earth is being removed.

Estimated cost..... \$6,500

The foundations are all in, and most of the plinth course set in readiness for the brick work, and if prosecuted with the present force, could be enclosed within six or eight weeks.

The work on the Conservatory and Deer Houses having been suspended by order of the Board, I assume no estimate is required.

SIXTH AVENUE, 110TH TO 146TH STREET.

About 1,500 lineal feet of flagging remains to be laid with the trimming of the sidewalks, and is being done by day's work. Can be completed within ten days.

Estimated cost,..... \$300

145TH STREET, BETWEEN SIXTH AND SEVENTH AVENUES.

1,500 lineal feet of flagging to be laid and sidewalks regulated. Done by day's work; will be completed within two weeks.

Estimated cost..... \$2,000

SEVENTH AVENUE, GRADING 110TH STREET TO EXTERIOR STREET, HARLEM RIVER.

This work is being done by contract, and should be finished by May 1st, 1872.

21,000 cubic yards rock remains to be excavated.

8,000 " " earth " " "

Cost..... \$43,000

SEVENTH AVENUE SUPERSTRUCTURE—110TH STREET TO 154TH STREET.

The Telford pavement and broken stone and gravel are furnished by contract. The curb, flagging, rolling &c., are done by day's work. The work remaining to be done is :

- 8,300 square yards Telford pavement. 18266
 22,500 cubic yards broken stone.
 95,000 square yards to be rolled and finished.
 8,000 lineal feet curb to be laid.
 20,600 " " flagging " "
 1,500 " " " " furnished.

The estimated cost is \$206,000, and can be completed by December, 1872.

GRADING MANHATTAN STREET, FROM TWELFTH AVENUE TO AVENUE ST. NICHOLAS.

- 73,000 cubic yards filling to be furnished.
 3,100 lineal feet curb " "
 5,800 " " " " " and laid.
 24,000 " " flagging " " " "

Filling is done by contract.

The setting of the curb and laying of the flagging to be done by day's work.

Can be completed by August 1st, 1872, at an estimated cost of \$100,000.

REGULATING AND GRADING AVENUE ST. NICHOLAS FROM 100TH TO 155TH STREET.

Work has been done mainly by contract. The following remains to be done :

- 7,000 cubic yards rock to be excavated.
 2,000 " " earth " "
 31,000 " " filling to be furnished.

This can be completed by May 1st, 1872, at the estimated cost of \$45,000.

SUPERSTRUCTURE OF AVENUE ST. NICHOLAS, FROM 110TH TO
155TH STREET.

This work is not under contract, and the work required to be done is as follows :

- 21,000 cubic yards rubble stone.
- 15,000 " " gravel.
- 14,700 lineal feet curb to be furnished.
- 18,700 " " " " set.
- 18,700 " " gutter to be furnished and laid.
- 69,000 square feet flagging to be furnished and laid.
- 21,000 square yards roadway to be rolled.

The time required for the completion is December, 1872, and the estimated cost \$230,000.

REGULATING AND GRADING TENTH AVENUE FROM 155TH TO 194TH
STREET.

The work at present is being done by day's work.

The work to be done is as follows :

- 52,000 cubic yards rock excavation.
- 23,000 " " earth "
- 22,000 " " filling to be furnished.
- 350 lineal feet culverts.
- 4,500 cubic yards retaining wall.

If required, it can be completed by December, 1872, at an estimated cost of \$250,000.

REGULATING AND GRADING THE BOULEVARD TO 155TH STREET.

All the work is being done by day's work ; the materials for superstructure, the broken trap rock, curb, flagging and gravel, are furnished by contract.

Required to finish—

- 2,500 cubic yards rock excavation.
- 20,000 " " earth "
- 64,000 square yards Telford paving.

13,000 cubic yards broken stone of trap rock.	
8,000 " " gravel.	
135,000 square yards roadway to be rolled, &c.	
355 pieces curved corners.	
19,500 lineal feet curb to be laid.	
37,500 lineal feet flagging to be furnished and laid.	
Estimated cost.....	\$275,000
Completion December, 1872.	

ENGINEERING FORCE.

Beside the force of Engineers required upon the various construction works, there are four corps engaged in making a topographical survey of the Riverside Park and High Bridge Park, both of which are well advanced.

It is intended to make a reduction of the force at the end of this month—of one corps that has been engaged upon the City Parks, and one from the Riverside Park, their portion of the work being then completed.

A reduction is also proposed of the corps in charge of construction when the work has been reduced; also, as soon as the receipt of gravel, etc., stops, to disband the corps employed upon that work.

Respectfully,

M. A. KELLOGG,
Engineer-in-Chief.

REPORT OF ARCHITECT-IN-CHIEF.

CITY OF NEW YORK,
 DEPARTMENT OF PUBLIC PARKS,
 Office of Architect-in-Chief and Superintending }
 Architect, 265 Broadway.

November 25th, 1871.

GEORGE M. VAN NORT, Esq.,
 Comptroller D. P. P. :

Dear Sir—In reply to your inquiry of the 24th inst., I should say, that the various works of the Department at present under construction in charge of the Bureau, are as follows :

ON THE CENTRAL PARK.

No. 1. THE TERRACE BRIDGE.—The granite and marble work of two of the niches under the Arcade, contracted for with Mr. Henry Parry by the old Board of Central Park Commissioners, is in progress, approaching completion and nearly ready for setting. The granite work already delivered. The cost, including setting, will be about \$2,500.

No. 2. THE BELVEDERE.—This structure, as modified under the instructions of the late Board of Department of Public Parks, is all but completed ; some painting required to be done—the finial on flagstaff and lightning-conductor to be set—and some further finish to the interior to be perfected. The flagging of blue and gray Malden stone is partly laid, and the cost of completion, including contracts, will be about \$10,500.

No. 3. THE SHEEPFOLD AND BARN.—This building is almost completed—the inside trimmings of the two extreme Loggie on the east front yet remain to be executed ; also sundries connected with the fitting up of the Keeper's apartments, the

stoops and approaches; and the iron railing enclosing the greensward for the sheep. The cost of all which, including the amount due on contracts for iron work to Messrs. J. B. & M. M. Cornell, will probably not exceed \$8,200.

No. 4. THE CONSERVATORY AND PALM HOUSE on Seventy-fourth Street.—The works on the foundation and basement of this building are in full progress, and will suffer very serious deterioration from a lengthened sudden suspension at this critical season of the year. The granite blocks for the support of the iron girders of the main floor are rapidly being delivered and placed in situation, and the old granite coping from Union Square is being redressed and used for facing the inside of external basement wall. The cost of completing this basement, exclusive of the iron beams, will probably be about \$20,000. The design for the superstructure is as yet in embryo, a report on the same, by which I propose largely to be guided, having been but lately received from D. Joseph Dalton Hooker, Director of the Royal Gardens, Kew, England.

No. 5. KEEPER'S DWELLING, in connection with Stables of Offices of Administration, Eighty-sixth street, Transverse Road.—This (all but some painting) is complete and nearly ready for occupation—the finishing will not amount to over \$300 or \$400.

No. 6. OMBRA, or Shelter for Passengers at the entrance Fifth avenue and Fifty-ninth street.—Constructed and finished in one coat of paint, but the design requires judicious polychromatic treatment, at a cost of about \$500.

No. 7. LADIES' COTTAGE at entrance Sixth avenue and 110th street—Is nearly complete, and being erected under contract with J. C. Hoe & Co. The plastering, tiling and plumbing has yet to be done. Cost of completion, including Hoe's contract, in the neighborhood of \$4,500.

No. 8. EARTH CLOSETS, for Workmen.—These are all finished and in various situations in the Central Park; the carpentry

has been done by our own men, under M. Treadwell; the slating by Francis Dugan.

No. 9. PROPAGATING HOUSE.—The working drawings and specifications sufficient to make contracts for the masonry, stonework, glass, iron, carpentry, heating, painting and slating of this structure have been completed, and proposals received therefor; as yet no work whatever has been done in connection with the said building.

No. 10. THE ART MUSEUM BUILDINGS.—Having had no instructions in regard to the above from the late Board, nothing has been done additional to the preliminary sketches and studies heretofore made under the old Central Park Commission.

No. 11. FOUNTAIN ON PLAZA, at Fifty-ninth street.—The rim of the basin has been contracted for with the Bigelow Blue Stone Company, at a cost of \$10,500; the centre piece is, as yet, wholly undecided upon, nor have the designs or details for the bronze candelabra been furnished as yet.

No. 12.—THE REPAIR SHOPS, forming west end of north wing of the proposed Offices of Administration, Transverse Road at Eighty-fifth street.—This building has only just been commenced, and has progressed as far as setting the plinth; the granite for the stone trimmings is on the ground, and proposals have been received for the iron columns and girders; the probable cost of the building, as designed, may be about \$50,000.

No. 13. BRIDGE XXIII., east of the old Reservoir.—This bridge has been widened to suit the new width of Road; the iron railing has not as yet been furnished or set; the cost of completion will approximate to \$1,500.

No. 14. BRIDGE XXVI.—The work has been carried up in the restoration of this bridge, as far as the stone arch; the

granite work for the balance has been ordered, and will cost to complete, with railing, about \$12,000.

No. 15. DEER STABLE AND Paddock.—The carpentry is all out for the rough timbering of this building, and the rafters in process of being set ; will cost to complete probably \$5,500.

No. 16. LADIES' COTTAGE, on Battery.—This building has just been laid with encaustic tiles, and the plumbing and internal carpentry are fast approaching completion ; will cost to finish, some \$350.

No. 17. BATTERY PARK—Music Pavilion.—Foundation in, and superstructure not yet designed ; will cost probably in the neighborhood of \$2,500.

No. 18. FOUNTAIN in Washington Square.—Contract for granite work not yet made ; will cost, with bronze candelabra, about \$20,000.

No. 19. FOUNTAIN in Union Square.—Detail working drawings not got out yet, but the proposals made for granite work ; will cost about \$10,000.

No. 20. TWO FOUNTAINS in Madison Square.—As above, the detail drawings are not yet made, nor the contract for granite awarded, though proposals have been received ; will cost probably \$5,000 each.

No. 21. UNION SQUARE ENCLOSURE to Lincoln Statue.—This has been contracted for by Mr. Henry Parry, and the order therefor sent to Scotland, being of Peterhead and Aberdeen granite ; the cost, including bronze railing and lamps at angles, will be about \$14,000.

No. 22. Reservoir Square—DRINKING FOUNTAIN.—Proposals only for the granite work of this fountain have been received, but no awards yet made ; its contemplated cost will be \$4,000.

No. 23. TOOL HOUSE, Washington Square.—Almost complete, under contract with J. C. Hoe & Co., the painting yet to be done ; will cost about \$300.

No. 24. STANDARDS for Central and other Park Ordinances.—Proposals for these have been received at

No. 25.—LADIES' COTTAGES in Mount Morris Park, Reservoir Square, on the Central Park and in the Ramble ; will cost to complete, including the contract made with Wilson & Son, \$16,000.

I conclude with a tabular synopsis, deduced from the above catalogue, giving the aggregate amount, and an idea of the time it will take to complete each respective structure :

No.		AMOUNT.	TIME FOR COMPLETION.
1..	The Central Park—Terrace Bridge.....	\$2,500	3 months.
2..	“ “ The Belvedere.....	10,500	5 months.
3..	“ “ Sheepfold and Barn.....	8,200	2 months.
4..	“ “ Conservatory—Basement	20,000	6 months.
5..	“ “ Offices, Administration, Keeper's House.....	400	Complete nearly.
6..	“ “ Ombra at 59th st.....	500	Complete.
7..	“ “ Ladies' Cottage, 110th st.	4,500	6 weeks.
8..	“ “ Earth Closets for Men...	4,500	All complete.
9..	“ “ Propagating House.....	Not contracted.	12 months.
10..	“ “ Art Museum Buildings..	Not designed.	Not designed.
11..	“ “ Fountain, 59th st., Plaza	10,500	6 months.
12..	“ “ Repair Shops, 86th st....	50,000	12 months.
13..	“ “ Bridge XXIII.....	1,500	Waiting for railing.
14..	“ “ Bridge XXVI.....	12,000	4 months.
15..	“ “ Deer Stable and Paddock	5,500	2 months.
16..	Battery Park—Ladies' Cottage.....	350	3 weeks.
17..	“ Music Pavilion.....	2,500	5 months.
18..	Washington Square—Fountain.....	20,000	8 months.
19..	Union Square—Fountain.....	10,000	3 months.
20..	Madison Square—Two Fountains.....	10,000	6 months.
21..	Union Square—Enclosure to Lincoln Statue,	14,000	6 months.
22..	Reservoir Square—Drinking Fountain.....	4,000	6 months.
23..	Washington Square—Tool House.....	300	Complete.
24..	Standards for Park Ordinances (the lot)....	2,250	To be made to order.
25..	Ladies' Cottages—2 in Central Park, 1 Mt. Morris, 1 Reservoir Square.....	16,000	Work still at Wilson's shop.
	The above all taken at a maximum.....	\$205,000	

Faithfully yours,

JACOB WREY MOULD,
Architect-in-Chief, D. P. P.

REPORT OF TOPOGRAPHICAL ENGINEER.

CITY OF NEW YORK,
 DEPARTMENT OF PUBLIC PARKS,
 Bureau of Civil and Topographical Engineering, }
 265 BROADWAY.

November 27th, 1871.

GEO. M. VAN NORT, Esq.,

Comptroller :

SIR—I submit the following statement, in compliance with your communication of the 24th inst., and the accompanying resolution of the Board, passed on the 23d, calling for certain information respecting the work in progress by the Department.

The duties of this bureau, as heretofore defined by the Department, embrace four divisions or districts, and I refer to them in their order—first stating the general nature of the duties. They embrace the surveying and preparation of plans for streets, avenues, &c., to be laid out; plans for bridges and other means of communication between the City of New York and Westchester County, and for the improvement of the navigation of Harlem river and Spuyten Duyvil creek.

FIRST, OR WEST SIDE DIVISION.

This includes that part of the Island of New York extending from Fifty-ninth street, west of Eighth avenue, to the Harlem river and Spuyten Duyvil creek.

Work in Progress.—The Engineer, John S. Newlin, in charge of the field work on this division, is at present temporarily engaged in this office in completing maps, for which he has recently been making surveys and computations requisite for the location of the river streets and bulkhead lines along the Hudson and Harlem rivers, north of 155th street, and in pre-

paring profiles of several cross streets necessary for drainage outlets, to submit to the Board.

One of Mr. Newlin's field party of three men has been detailed to the Second Division, Harlem river, and the two others have been suspended from employment.

Some other work on the Division, not now in progress, is in an unfinished condition awaiting the consideration and decision of the Board.

No work is being done by contract.

It is not practicable to estimate the expense of completing the unfinished work, as called for by the resolution, as it will be dependent upon the approval by the Board of plans and locations that are not fully complete or determined as to extent.

The work pertaining to this Division is done under Chap. 565 of Laws of 1865, known as the "North End Act," and Chap. 697 of Laws of 1867, known as the "West Side Act." The powers conferred by the latter act expire May 1, 1872.

Under the acts, maps of record are to be prepared and filed of all streets, &c., laid out, when the work is done.

If the Board shall determine to open or retain any streets, other than those that have been already adopted, it will be necessary to survey and monument them. It will then only remain to make and file the maps of record. The plans now undetermined are chiefly those that are understood to have been contemplated under the former Central Park Commissioners.

SECOND, OR HARLEM RIVER DIVISION.

This embraces the Harlem river and Spuyten Duyvil creek, and so far on both sides thereof as may be necessary in carrying out any improvements adopted in connection therewith, together with the repairs of the existing Harlem river bridges.

Work in Progress.—The Engineer, G. A. Cushing, in charge of the surveying party, consisting of five persons, is engaged at present in surveying Harlem river, with reference to proper connections between the surveys and improvements on the

New York side, and the surveys in progress in Westchester County adjoining, and for defining the boundary line between the Counties of New York and Westchester. It is proper to say that this work is also a necessary part of a hydrographic survey of the Harlem river which has been in progress, with reference to a plan for the improvement of the navigation of the channel; but special hydrographic work has been discontinued, for further instructions, since I learned that a question of jurisdiction had arisen between this Department and the Department of Docks upon the subject.

For similar reasons to those before stated, it would be impracticable to estimate the cost or time of completing the unfinished work. No work has been done by contract.

The repairs of the Harlem river bridges have required considerable attention. McComb's Dam Bridge is the only one upon which work is now being done. About \$2,000 is estimated to complete it, in addition to arrears of pay to the carpenters (the latter item the Comptroller will be able to give). It will take about three weeks of fair weather to complete it. The work is being done as rapidly as possible, as it has been necessary for safety to stop the travel temporarily.

One hundred dollars has been recently estimated for necessary repairs of Third avenue bridge, and two hundred dollars for King-bridge. These repairs still remain to be made.

The work on this division is done chiefly under Chapter 534 of Laws of 1871, known as the "Westchester Act." I would respectfully suggest that the attention of the Board be called to the question of jurisdiction that has been raised by the Department of Docks in regard to the improvements provided for under the Act, and also to the contemplated erection of a stone arched bridge over Spuyten Duyvil creek, at or near Kings-bridge, by the Department of Public Works, as these matters have an immediate bearing upon plans that have heretofore been considered as established.

THIRD DIVISION—WESTCHESTER COUNTY.

This includes the southern portion of Westchester County, which is embraced in Chapter 534 of Laws of 1871. The Act

provides for the surveying and preparing of plans of streets, drainage, supply of water, &c., for the improvement of this district.

Work in Progress.—Contract work by surveyors, to the amount of \$10,400, remains to be done. The surveyors are now prosecuting the work. The contracts expired by limitation on 1st November, but the work not being complete at that date, they have continued with the surveys without objection being raised by the Department. Payment is provided to be made for the work only from funds obtained from the Supervisors of Westchester County, and when such funds are in the possession of the Department.

Judging from the progress heretofore made by the surveyors (and not being able to communicate with them before submitting this statement), I think the contract work may be completed in about three months. This unfinished work, consisting of about 1,100 acres, is situated in the northern part of the Westchester District, in the Town of Yonkers.

A Division Engineer, and two field parties, eleven persons in all, in the employ of the Department, are engaged at the present time in the Town of West Farms, in prosecuting similar work to that which is being done by contract, *i. e.*, topographical or preliminary surveys. The Division Engineer, J. J. R. Croes, gives a part of his time in this office to the laying down of proposed lines of streets on the Westchester maps, as studies are prepared of the same.

From the nature of the work it will be seen that an estimate of the cost, or of time of completion, is scarcely practicable. It would be necessary to assume a system of plans of improvement to be carried out which can only be fully devised when the preliminary work has farther progressed.

FOURTH, OR EAST SIDE DIVISION.

This embraces that part of the City of New York extending from Fifty-ninth street east of Fifth and Eighth avenues, to Harlem river. The improvements contemplated being mainly an "Eastern Boulevard," are provided for by Chap. 626 of Laws

of 1870. Preliminary maps have been made under contracts of the district, but no further work, except the preparation of a preliminary study, has been done, and no surveying party has been organized for the object.

OFFICE WORK.

The work in progress in this office consists of such duties as are incidental to the conducting and supervising of the foregoing operations, and preparing plans connected therewith. Two draughtsmen, one clerk, and one messenger are employed. One draughtsman is engaged on the Westchester maps, in testing the accuracy of the work done by contract, and reducing and perfecting the maps for working use in laying down projected improvements; the other is employed in general office work.

Plans and estimates are being prepared for submitting to the Department for bridging the Harlem river, at the head of Seventh avenue. In compliance with invitations that have been given by the Department, several plans of the superstructure of iron draw-bridges for this site have been received from bridge-builders, and are being considered. The bridge at this place is intended to take the place of McComb's draw-bridge, which is now being repaired. Investigations and plans are also in progress for a suspension bridge over the Harlem river at a high level north of High Bridge. The plans and construction of these works are specially provided for in Chap. 534 of Laws of 1871.

The foregoing statement is necessarily hastily made, owing to the limited time afforded. I respectfully refer for some fuller details in regard to the work, to my report to the Department of April 20th, 1871.

Very respectfully,

WM. H. GRANT,
Chief Engineer.

REPORT OF ACTING CHIEF LANDSCAPE GARDENER.

DEPARTMENT OF PUBLIC PARKS,
Bureau of Landscape Gardening. }
NEW YORK, Nov. 27th, 1871.

GEO. M. VAN NORT, Esq.,
Comptroller, D. P. P. :

SIR—Pursuant to your instructions, I make the following report on the work in progress under my direction, together with the proposed time of completion and probable expense of the unfinished portion of the same.

CONSTRUCTION.

The planting of evergreen trees of a suitable and hardy nature, to screen urinals, and for other purposes, it is proposed to be done during the present winter by the frozen ball method, and therefore no stated time can be set for its completion.

The planting of deciduous trees and shrubs to harmonize with the evergreens, has already been done, except as estimated below :

BATTERY PARK—

Shade tree and other deciduous planting, to be completed December 9th	\$600 00
Evergreen planting	3,000 00
Sodding and seeding to be done next spring...	100 00

CITY HALL PARK—

Evergreen planting	450 00
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EAST BROADWAY AND GRAND STREET PARK—

Evergreen planting	200 00
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WASHINGTON PARK—

Shade tree planting, to be completed by December 2d	\$100 00
Evergreen planting	600 00

UNION PARK—

Evergreen planting	400 00
Transplanting large trees	100 00
Securing sidewalk trees with iron guards	380 00
Sodding and seeding, to be completed next spring	200 00

MADISON PARK—

Evergreen planting	700 00
Iron tree guards	570 00
Seeding, to be completed next spring	20 00

RESERVOIR PARK—

Evergreen planting	200 00
Deciduous planting to be done before next summer	380 00
	900 00

FOURTH AVENUE PARKS—

Evergreen planting	200 00
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CENTRAL PARK—

Survey for the preparation of maps to show the exact location and different varieties of plants now on the park, to serve as a guide in the future prosecution of the work, which may be completed in June, 1872, with the force at present employed, part of which is furnished by the Bureau of Construction and Repairs	2,400 00
For planting two large elms to replace dead trees on the Mall, and furnishing iron gratings to those standing in concreted walk ...	150 00
Evergreen planting around earth closets	300 00

Replanting trees disturbed by change of slope along Eighth avenue, in the vicinity of the Sheepfold, to be completed Dec. 15th.....	\$300 00
For removing and replanting trees disturbed by change of slope along Eighth avenue from 72d to 110th street, to be prosecuted during the reshaping of this slope.....	20,000 00
For removing the trees along the new slope in Fifth avenue, from 95th to 106th street, to be completed Dec. 2d.....	150 00
For planting evergreens to hide unsightly face of south wing of building at Mount St. Vincent, to be finished Dec. 9th.....	100 00
For planting along Fifth avenue wall from 86th to 95th street.....	1,000 00
For planting shade trees on square at Fifth avenue and 59th street, to be completed Dec. 9th.....	150 00
For planting trees (elms) and furnishing tree guards for the same on Fifth avenue walk, between 85th and 90th streets, to be completed Dec. 16th.....	360 00
	<hr/>
	34,010 00

MOUNT MORRIS PARK—

For shaping ground, sodding and seeding along the borders of new walks now being made by the Bureau of Construction and Repairs.....	500 00
Evergreen planting.....	1,000 00
	<hr/>
	\$35,510 00

Deduct appraised value of trees to be taken from the Central Park for use in the various other parks..... 6,000 00

Total, \$30,510 00

MAINTENANCE—

Winter covering for plants..... \$400 00

No estimate is made for planting shade trees on new roads now being constructed by the Department, the plans for the same not being perfected.

Respectfully,

FRANK A. POLLARD,
Acting Chief Landscape Gardener.

REPORT OF SUPERINTENDENT OF CENTRAL PARK.

DEPARTMENT OF PUBLIC PARKS, }
BUREAU OF CENTRAL PARK, }
OFFICE OF SUPERINTENDENT. }

November 27th, 1871.

SIR—Yours, in relation to works in progress and unfinished in Central Park and Mount Morris Square, is received. You are aware that all works of construction have been under the Engineer and Architects, to whom you will look for estimates as to time and expense.

I will, however, enumerate them :

Sheepfold.

Belvedere.

Workshops.

Conservatory.

Deer House.

Fountain at Esplanade.

Do. at Fifty-ninth street and Fifth avenue.

Bridge 23, all finished except iron railing.

Bridge 26, abutments in progress.

Ladies' Cottage in Ramble, foundation laid.

“ “ at 100th street, foundation laid.

“ “ at 110th street, building up, but unfinished.

“ “ at Mount Morris, foundation being laid.

A new walk is in progress west of New Bridle Road.

The old buildings at Skating Ponds are being put up ; will require about \$600 dollars' worth of new material.

We will require about 1,000 cubic yards gravel to complete repairs for winter use.

Yours, respectfully,

BN. J. CRANE,
Supt.

G. M. VAN NORT, Esq.,
Compt., D. P. P.

DOCUMENT No. 31.

B O A R D

OF THE

Department of Public Parks.

DECEMBER 13, 1871.

The **PRESIDENT** laid before the Board a copy of a communication made to the Board of Supervisors of Westchester County, relative to the surveys in said County.

Ordered, That said communication be laid on the table, and printed as a document of this Board.

GEORGE M. VAN NORT,
Clerk *ex officio.*

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC PARKS, }
265 BROADWAY.

December 9, 1871.

To the Board of Supervisors of the County of Westchester :

The following statement is made in compliance with a resolution of your Board, adopted November 20, 1871, and received on the 5th inst. :

The surveys in Westchester County by the Board of Commissioners of the Department of Public Parks, were made, up to April 15, 1871, under Chap. 826 of Laws of 1869, and Chap. 797 of Laws of 1870 ; since then (those laws having been repealed), under Chap. 534 of Laws of 1871.

The proceedings of the Commissioners have been annually reported to the Legislature, in conformity with the laws ; the report for the present year has not yet been made.

For a convenient reference to the whole subject, the following general statement is made, covering the entire work from the commencement to December 1, 1871.

It is made the duty of the Commissioners (Sec. 1, of Chap. 534 above mentioned) to survey the district embraced in the Act, and prepare and file such plans of streets, avenues, roads, &c., as may be laid out with benefit to the property affected and the public interest ; including roads and streets that may be discontinued with like benefit ; and including plans for the proper sewerage and drainage of the land ; for the supply of pure and wholesome water ; for the improvement of the navigation of Harlem River and Spuyten Duyvil Creek ; plans and locations of all bridges, tunnels, and other means of transit across said river and creek ; plans and locations of railroads in the district ; and plans and locations of new pier and bulkhead lines on both sides of Harlem River, &c.

The first step was to cause such surveys to be made as were necessary to develop the ground, topography, existing roads, streams, hills and valleys.

The usual course was adopted in proceeding with this work, and reference is made, in this respect, to the specifications governing the surveys, which are appended to the annual report to the Legislature, of March 21, 1871.

The method of performing the work is believed to be the most economical, consistent with the ends to be attained, that could be devised. No system of improvements, by streets, avenues, sewerage, and supply of water, for the district at large, could be intelligently devised without the preliminary information provided for by the plan of surveys.

The work was commenced by obtaining propositions from surveyors for making the topographical surveys and maps of the ground by the acre, and 2,948 acres were put under contract in this way in the towns of Yonkers and West Farms, at \$10 per acre. Subsequently 1,670 acres more were put under contract at \$10 per acre, and 3,398 acres at \$9 per acre, making in all 8,016 acres, and embracing all the land covered by the Acts of 1869 and 1870, *i. e.*, west of the Harlem Railroad, and south of the south line of Yonkers Village.

During the past season a small force of surveyors has been employed by the Commissioners, in addition to the contract surveyors, in establishing a base line for the surveys in the district added by the last Legislature, east of the Harlem Railroad, and in making topographical surveys in that district in the town of West Farms. Some portion of their time has also been given to the laying down of proposed streets on the completed topographical maps in West Farms adjacent to the City of New York.

It was thought best to make a trial of both methods of making the topographical surveys—by contract—and by the direct employment of surveyors. The latter method has some advantages in case it is found equally economical with the former. The work, as far as it has progressed, by the surveyors employed by the Commissioners, gives assurance that it can be done as cheaply in this way as by contract, unless more favorable proposals should be received than have as yet been offered.

About 1,160 acres are now in progress by the Commissioners' surveyors in the town of West Farms, east of the Harlem Railroad, and this tract is estimated to be one-half completed.

The following is a summary of topographical work done, and in progress :

IN YONKERS.

By contract.—Maps returned, but not all tested and certified.....	4,500 acres.
“ “ Surveys not completed, but in progress.....	1,100 acres.

IN WEST FARMS.

By contract.—Maps returned and certified.....	2,503 acres.
Not by contract.—Surveys not completed, but in progress,	1,160 acres.

Total of surveys mapped..... 7,003 acres.

Do. do. not completed, but in progress.....	2,260 acres.
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All the above unfinished work, including all that is now under contract, if continued at the rate of progress made heretofore, would be finished by about 1st March next.

The topographical maps, when returned to the office, are tested by computations to prove their accuracy, and are collated and reduced to a convenient working form, the contour lines of the ground traced out, and prepared for devising and laying down the system of improvements proposed. The maps prepared in this way embrace—

In Yonkers, upwards of.....	2,000 acres.
And in West Farms.....	2,500 do.

The time of one draftsman is employed in the office at this work.

About 12 miles of projected lines of streets have been laid down on the map of West Farms, preparatory to the examination of the locations by the Board of Commissioners.

A partial examination and report have been made on the subject of water supply for the district, and reference is made to the same in the last Annual Report of the Commissioners to the Legislature.

The scope of the surveys and maps is now such that the subject of improvements by streets, avenues, &c., may be generally studied and advanced over a large portion of Yonkers and West Farms, as fast as means are provided for prosecuting the work.

The solicitude of many citizens of Westchester upon this subject, and its obvious importance to the public interest, have induced all the progress that it was practicable to make in the preparatory work.

The amount of money received by the Commissioners, from Westchester County, on account of surveys, is..... \$55,644 29

The amount paid out by the Commissioners is... \$62,037 15

The amount due on contracts is..... \$6,841 85

The amount to accrue on existing contracts, when they are completed, is..... \$19,841 49

The last two items are only payable to the surveyors, according to the terms of the contracts, when funds provided by the Supervisors are in the possession of the Commissioners for such purpose.

It will be seen that the amount of money paid out by the

Commissioners is in excess of the amount received from Westchester County..... \$6,392.86

And in excess of the balance due on requisitions for which assessments are understood to have been made..... \$2,037.15

From this statement the Board of Supervisors will see the importance of providing the means to meet arrears, and for the continuance of the work, at the earliest day practicable.

A cessation of the work at this time would be disadvantageous to the interests of the towns in which the work is in progress. The winter months are favorable to a class of work that is prepared for during the summer; primary lines, enclosing large districts, and run out with great care, have been prepared, and the filling in, or the topographical work of more detail, is now being done.

Large numbers of stakes have necessarily been set and measurements made in the course of the work, which, if work were suspended, and the oversight of the surveyors withdrawn for several months, would be, in a great measure, lost, and would have to be done over again. Surveyors and their assistants who have become familiar with the work, if disbanded, would be replaced with much inconvenience and detriment, and more especially for the reason that they have found much difficulty and delay in procuring suitable field instruments, with which they are now supplied.

The general delay in the progress towards the desired final result of the surveys would of course be in proportion to the time the topographical work is interrupted, with other disadvantages, in suspending plans of improvements immediately connected with the crossings of Harlem River and communications between New York and Westchester.

In connection with this latter subject, it is proper to say that Sec. 3 of Chap. 534 of Laws of 1871, provides for the building

of bridges over the Harlem River, jointly by the Board of Commissioners and Supervisors of Westchester County, and specially provides for immediately building a suspension bridge near "High Bridge," and a bridge, or tunnel, at the head of Seventh Avenue, in the City of New York, to communicate with Central Avenue in Westchester.

Provision is also made for the improvement of the navigation of Harlem River and Spuyten Duyvil Creek, and for the repairs and maintenance of the existing bridges across Harlem River.

The expense of such work to be borne by the Counties of New York and Westchester respectively, in proportion to the jurisdiction of each.

"One-third of every amount raised in Westchester County shall be specially levied upon such district of territory as the Board of Supervisors shall determine to be specially benefited by the improvement or improvements." The existing bridges have received such attention during the past season as was immediately demanded for the public safety. McComb's Dam Bridge, or Central Bridge, has needed extensive repairs, which are now nearly completed. It is anticipated that it may be kept in use, with care, and some additional repairs from time to time, until the new bridge, or tunnel provided for at the head of Seventh Avenue, may be built. The apparent necessity for the early commencement of the latter work required that preparation should be made for it, and examinations by surveys and soundings have accordingly been made during the past season. Plans have also been considered for both tunneling and bridging. Examinations and borings have also been made in relation to the location and plan of the suspension bridge north of High Bridge.

The preparation for both of these crossings is now in such a condition as to facilitate early progress in their construction.

For the purpose of taking the necessary steps towards the

commencement of the work, and to avoid delay, the Board of Commissioners called the attention of the Supervisors of Westchester County to the matter by a communication in the month of June last, inviting a conference.* No response has yet been made to that communication.

The bridges over Harlem River, with the exception of Third Avenue iron bridge, are of a perishable character, requiring periodical attentions and expense. The communications between New York and Westchester are not now in as good condition as they were ten years ago; it will require two to three years, with all reasonable joint exertions of the two counties, to substitute something better in their place. It remains to be determined by the two constituencies mutually interested, whether, at the end of that period, such bridges or other means of transit shall be found to exist, or whether we shall then be in a condition even worse than the present.

Respectfully,

H. G. STEBBINS,

*President of the Department of
Public Parks.*

* A copy herewith, marked A.

"A."

CITY OF NEW YORK. }
 DEPARTMENT OF PUBLIC PARKS, }
 265 Broadway.

June , 1871.

To

Supervisor of the Town of

SIR:—In pursuance of Sec. 3 of Chap. 534 of Laws of the State of New York, passed April 15, 1871, the Board of Commissioners of the Department of Public Parks, on behalf of the City of New York, desire to confer with the Chairman of the Board of Supervisors of Westchester County, and with the Supervisors of the towns of West Farms and Morrisania, respectively.

As a Chairman of your Board has not yet been appointed, it is requested, for the purpose of enabling the Board of Commissioners to comply with the law, and to avoid delay in the discharge of duties in which New York and Westchester have a common interest, that the Supervisors be convened at as early a day as convenient, in order that the office of Chairman may be filled.

As soon as such officer is designated, the Board of Commissioners desire to confer with him and the Supervisor of West Farms, on the subject of constructing a suspension bridge, crossing the Harlem river north of the bridge known as "High bridge," but not more than half a mile therefrom; and with the Chairman and the Supervisor of Morrisania, on the subject of constructing a tunnel or bridge, crossing the Harlem river from the northerly end of the Seventh avenue, in the City of New York.

The Board of Commissioners will meet the aforesaid officers for the object stated, at this office, on any Tuesday, at two o'clock, P. M., that being the day of the regular meeting of the Board of Commissioners of this Department.

Very respectfully yours,

President of the Department of Public Park.

DOCUMENT No. 32.

BOARD

OF THE

Department of Public Parks.

DECEMBER 12, 1871.

The **PRESIDENT** presented a report from the Police Surgeons, giving a summary of their work during the year.

Ordered, That said report be laid on the table, and printed in document form.

GEO. M. VAN NORT,
Clerk.

DEPARTMENT OF PUBLIC PARKS, }
 BUREAU OF POLICE, }
 NEW YORK, Dec. 6, 1871.

HON. HENRY G. STEBBINS,
President.

SIR:—In submitting, through you to the Commission over which you preside, this, their First Annual Report, the Surgeons of this Department have endeavored to present, in the simplest form, a summary of their special work during the year. With this view they have prepared a nosological table for the year, in which the number of cases treated of each disease, for each month, can be seen at a glance.

In addition to this, however, the Surgeons deem it not inopportune to offer the following remarks:

When they were appointed—December 6, 1870—it was to establish a Bureau which had not previously existed in this Department, viz., that of “Surgeons of Police.”

Previous to this time the practice of the Department, in the case of sick men, had been to grant them leave of absence (with or without pay), and to pay their doctor’s bills upon presentation of the physician’s certificate, setting forth the facts. The result of this practice was the direct encouragement, if not the creation, of a class of malingerers—picturesquely termed “snoozers,” by their more conscientious comrades—who constantly feigned illness, either to account for unauthorized absence, or to cover the results of a debauch. We are gratified to receive the testimony of the officers of the force, to the effect, that since the establishment of regular Police Surgeons the number of these defaulting members has been markedly reduced.

The force under our professional charge—embracing not merely the police of Central Park, but those of every Park and Square in the City, from the Battery to Mount Morris, as well—has, until quite recently, consisted of 1 Captain, 1 Lieutenant, 8 Sergeants, 3 Roundsmen, 91 Park-keepers, and 54 Gatekeepers—total, 158 men.

Policemen being not unreasonably supposed by the general public to be selected from the more robust and physically capable portion of the community, it may seem a matter of surprise that so many of them should be returned on the sick-list during the year.

The causes are various. In the first place, no physical examination by one of the surgeons has been made a prerequisite for admission to the force, and the consequence is, that cases of advanced cardiac or pulmonary or renal disease may be appointed to fill positions involving great hardship from exposure, great activity of mind and body, and requiring, to an unusual degree, the possession of bodily health and vigor, in order to enable them to fulfill their responsible duties with intelligence, and at the same time keep their names off the surgeon's visiting list.

Another fruitful cause of disease is to be found in the vice of intemperance: not that any large proportion of the men get drunk—by no means; there are many members of various temperance societies to be found in their ranks; but that a large number drink habitually once, twice, or thrice a day, thereby seriously impairing their power of resisting morbid influences, as well as decreasing their vitality, and diminishing their recuperative power, after disease has set in.

Old age might perhaps also be mentioned as one of the causes tending to increase the sick-list out of due proportion; but, although noticeable, the number of those whose efficiency is sensibly impaired by old age is not large enough to merit more than passing mention.

The absence of complete military control over the force, while undoubtedly unavoidable, is nevertheless to be deplored. His tour of duty accomplished, the park-keeper returns to his home, or to whatever haunts he may elect, subject to no supervision or restraint. The only direct bearing that this fact has upon the duties of the Surgeons, is that they are called upon to treat, and are responsible for the health of, patients whose actions they are unable to control, and whose obedience to sanitary directions they cannot insure.

This condition of affairs is only referred to here because it helps to explain facts which might otherwise appear singular, such as repeated illnesses of the same individual at comparatively short intervals, and the regular rise and decline of certain diseases—as, for instance, intermittent fever, a diagram for which during the present year is given with this document—apparently but little influenced by the remedial efforts of the Surgeons. The cause of the first is generally to be found in having to deal with bad materials; that of the second in the inability to enforce prophylactic measures. If, during the part of the year when the men are most exposed to miasmatic poison, they were compelled to take a ration of half a grain of quinine at roll-call daily, they would, in our opinion, be as surely guarded from the attacks of malarial disease, to which so many of them are subject, as they now are shielded from the rain by the water-proof coats with which they are provided by the Department.

The deaths during the year have been six, as will be seen by the following table:

TABLE OF DEATHS.

1871.			
March 12..	Park-keeper.	Michael McEntee.....	Enteritis.
March 18..	Gate-keeper.	Richard Davis.....	Cerebral meningitis.
April 4..	Park-keeper.	Thomas Witters.....	Bright's disease.
July 3..	Park-keeper.	Thomas Smyth.....	Typhoid fever.
Sept. 5..	Gate-keeper.	Francis Donegan.....	Bright's disease.
Oct. 13..	Sergeant.	John Layng.....	Pneumonia.

Three of these deaths were from incurable diseases, one practically from old age, and two from affections so violent in their nature as to baffle all remedial efforts.

Upon our appointment as Surgeons in this Department we were invited to make, from time to time, such suggestions as might, in our judgment, conduce to the greater well-being of the force under our professional supervision. In compliance with that invitation we would respectfully offer the following recommendations :

1. That in future all candidates for appointment, either as gate-keepers or as park-keepers, shall be required to pass a physical examination by a Surgeon of the Department, and obtain his certificate thereto, before the confirmation of their appointment.

2. That all members of the Police shall be required to live on New York Island. The annoyance and delay occasioned by visiting such remote localities as Carmansville and North New York—particularly during the winter season, when the roads are often blocked by snow—is very great. When it is remembered that it is our rule to visit each patient *at least once daily*, until he is fit for duty, the force of this suggestion will be apparent.

3. The question of recommendations to pay during absence through sickness received, naturally, our early consideration. Upon our appointment to our present posts, we submitted a plan, which, having been approved by the Department, has ever since been our rule of action. Briefly, it consists in the division of the sick into three classes :

Class I. Those injured or invalided in the discharge of their duty, or by reason of unusual exposure while on duty—Full Pay.

Class II. Those who became sick through the ordinary vicissitudes of their life—Half Pay.

Class III. Those whose maladies result from the want of ordinary precaution, or from intemperance, or immorality—No Pay.

This rule has appeared to us to work well, and we respectfully recommend its continuance.

4. The appropriation in the Police Station, at the Arsenal, Central Park, of some closet, desk, or locker, in which could be kept lint, plaster, bandages, &c., as well as a few medicines, of prime necessity in urgencies, such as ether, laudanum, ammonia, and the like.

5. The immediate and compulsory vaccination of the entire force, officers excepted.

6. Such a modification of the tour of duty, during the skating season, as will oblige no man to service upon the ice for more than four hours at a time.

All of which is respectfully submitted.

JOS. HILTON,
R. D. NESMITH,

Surgeons of Police.

SURGEONS' ANNUAL REPORT,
1870-71.

	Bilious Fever.	
	Bright's Disease.	
	Bronchitis.	
	Cerebral Congestion.	
	Cerebral Meningitis.	
	Cholera Morbus.	
	Chorea.	
	Cold from Exposure.	
	Colic.	
	Conjunctivitis.	
	Cystitis.	
	Delirium Tremens.	
	Diorrhæa & Dysentery.	
	Eczema.	
	Enteritis.	
	Epileptiform Convulsions.	
	Gastritis.	
	Injury.	
	Intemperance.	
	Intermittent Fever.	
	Hepatic Congestion.	
	Malingering.	
	Neuralgia.	
	Otitis.	
	Perinæal Abscess.	
	Pleurisy.	
	Pneumonia.	
	Remittent Fever.	
	Rheumatism.	
	Small Pox.	
	Swelled Face.	
	Typhoid Fever.	
	Laryngitis.	
	Deaths.	
	Total by Months.	
December, 1870.		6
January, 1871.		31
February.		16
March.		17
April.		19
May.		15
June.		21
July.		24
August.		16
September.		29
October.		25
November.		8
Total by Diseases		226

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DOCUMENT No. 33.

BOARD

OF THE

Department of Public Parks.

DECEMBER 19, 1871.

In compliance with action of the Board, had at its last meeting, the Treasurer presented, in answer to the Comptroller of the City, a statement showing the expenditures of the Department from April 20, 1870, to November 22, 1871.

Ordered, That the same be laid on the table, and printed in document form.

GEORGE M. VAN NORT,
Clerk *ex officio.*

CITY OF NEW YORK,
 DEPARTMENT OF PUBLIC PARKS. }
 265 Broadway.

Hon. HENRY G. STEBBINS,
Treasurer of the Department of Public Parks.

SIR:—In compliance with your verbal request, I herewith submit statements showing:

1st. Expenditures of Department of Parks, from the date of its organization under the Charter, April 20, 1870, to January 1, 1871.

2d. Expenditures from January 1, to November 22, 1871.

3d. Outstanding liabilities to November 22, 1871.

4th. Exhibit of debit and credit balances, showing the application of moneys raised on one account and disbursed on other accounts.

Giving general heads or classes of accounts, designated as:

Maintenance Account, provided by taxation.

Construction, or Permanent Improvement Account, provided from funded bonds.

Improvement of Boulevard and Avenues, provided from temporary loans.

Respectfully,

GEO. M. VAN NORT,
 Comptroller D. P. P.

I.—Statement showing the Expenditures from April 20, 1870, to
January 1, 1871.

MAINTENANCE (FROM TAXATION).

Central Park, 1870.....	\$270,754	60
Museum and Observatory.....	21,012	91
Parks and places.....	74,037	61

CONSTRUCTION AND PERMANENT IMPROVEMENTS.

Parks and places, from taxation..	20,962	39
Mt. Morris Square, " " ..	15,000	00
Circle, 59th and Eighth Avenue, " " ..	5,667	92
Public Square, 59th and Fifth Avenue, from taxation.....	8,816	00
Island above 155th Street, &c., from taxation..	4,543	13
Harlem River and Spuyten Duyvil Improve- ment, from taxation.....	919	62
Adapting west line of Park, from taxation....	22,834	53
East Side Improvement, " " ..	4,097	29
Grading Eighth Avenue, 77th to 81st Streets, from taxation.....	1,384	76
Central Park, Funded bonds.....	416,641	44
Parks and places " " ..	358,571	08
Museum and Observatory, " " ..	47,001	32

IMPROVEMENT OF BOULEVARD AND AVENUES.

Boulevard, Assessment bonds.....	491,487	08
Seventh Avenue, " " ..	127,232	55
Sixth " " ..	244,977	25
Avenue St. Nicholas, " " ..	76,788	98
145th Street, Sixth to Seventh Avenue, Assess- ment bonds.....	3,890	77

Total.....	<u>\$2,216,621</u>	<u>23</u>
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II.—*Statement showing the Expenditures from January 1 to
November 22, 1871.*

MAINTENANCE (FROM TAXATION).

Central Park.....	\$432,117	70
Museum and Observatory.....	53,845	04
Parks and places.....	.98,229	01
Roads and Avenues.....	23,543	86

CONSTRUCTION AND PERMANENT IMPROVEMENT.

Central Park, Funded stock.....	1,054,663	29
Parks and places " ".....	772,681	83
Museum and Observatory, " ".....	116,352	20
McComb's Dam Bridge, " ".....	22,865	89
Harlem Bridge, " ".....	2,178	00
Fordham Bridge, " ".....	68	44
Harlem River Spuyten Duyvil Improvement, Taxation.....	10,101	19
West Side Improvement, taxation.....	813	66
Island above 155th Street, &c., taxation.....	2,677	77
Grading Eighth Avenue, 77th to 81st Street, taxation.....	8,615	24
Circle, 59th Street and Eighth Avenue, taxation.....	4,245	58
Public Square, 59th Street and Fifth Avenue, taxation.....	3,529	27

IMPROVEMENT OF BOULEVARD AND AVENUES.

Boulevard, Assessment bonds.....	612,496	62
Sixth Avenue, " ".....	269,805	28
Seventh Avenue, " ".....	203,673	68
Avenue St. Nicholas, " ".....	163,768	37
Grading Eighth Avenue, 77th to 81st Street, assessment bonds.....	70,065	37
145th Street, Sixth to Seventh Avenue, assess- ment bonds.....	24,120	57
Tenth Avenue, assessment bonds....	10,340	14
Manhattan Street, assessment bonds.....	37,472	96
Morning Side Avenue, assessment bonds.....	1,628	74
Avenue at base M. Side Park, assessment bonds,	212	98

Total..... \$4,000,112 68

RECAPITULATION.

Expenditures from April 20, 1870, to January 1, 1871.....	\$2,216,621	23
Expenditures from January to November 22, 1871.....	4,000,112	68
	<hr/>	
	\$6,216,733	91
	<hr/>	

Amount expended on accounts, on which funds are raised by taxation.....	\$1,087,749	08
Expended on account, on which funds are raised by funded stock.....	2,791,023	49
Expended on accounts on which funds are raised by assessment bonds.....	2,337,961	34
	<hr/>	
	\$6,216,733	91
	<hr/>	

III.—*Liabilities, November 22d, 1871, including Contract Work on Roads and Avenues.*

Filling Eighth Avenue, St. Nicholas Avenue, Manhattan Square, &c.....	45,000	00
Broken Stone, Boulevard Avenue, St. Nicholas, &c.....	40,000	00
Tools, materials and sundries.....	29,000	00
Cottages—Central Park, Washington, Mount Morris, &c.....	15,800	00
Railing, &c.—Lincoln Monument.....	6,700	00
Granite for Conservatory..	4,000	00
Paving Madison Square.....	50,000	00
Paving T. R. Central Park.....	30,000	00
Fountain Basin—Central Park.....	10,350	00
Fountain Basin—City Hall.....	12,000	00
Fountain Basin—Fifty-ninth St. and Fifth Ave.	6,970	00
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Carried forward.....	\$249,820	00

Brought forward.....	\$249,820	00
Unpaid bills in office.....	448,853	38
Park Keepers' P. R.....	6,500	00
Engineers and Clerks, P. R.....	10,000	00
Sweepers, P. R.....	2,000	00
Comptrollers and Architects' P. R.....	1,900	00
Laborers' P. R.....	75,000	00
Deficiencies on various accounts.....	827,456	32
Grading Seventh Avenue (Contract).....	43,000	00
Grading Manhattan St. (Contract).....	100,000	00
Grading Avenue St. Nicholas (Contract).....	25,000	00
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	\$1,789,529	70

IV.—*Statement of Dr. & Cr. balances showing the uses to which funds raised on Assessment Bonds, &c., were applied.*

CR. BALANCES.

Boulevard.....	\$156,342	26
Avenue St. Nicholas.....	104,264	22
Seventh Avenue.....	99,635	27
Sixth Avenue.....	52,328	27
Manhattan Street.....	62,032	87
Grading Eighth Avenue, 77th to 81st St.....	135,736	00
Tenth Avenue.....	89,216	54
Ninth Avenue.....	10,000	00
North End of Island.....	3,100	00
Broadway widening.....	1,218	00
West Side Improvement.....	1,963	68
Adapting West Line of Park to Eighth Ave. grade.....	2,165	47
	<hr/>	
	\$718,002	58
Over Draft Tenth National Bank.....	109,453	74
	<hr/>	
	\$827,456	32

Dr. BALANCES.

Central Park Construction	\$358,308 38
Parks and Places—Maintenance and Construction	151,670 35
Central Park—Maintenance	213,816 12
Museum and Observatory—Con- struction of	12,377 06
Museum and Observatory—Main- tenance of	36,841 00
145th & 6th to Seventh Avenue ..	25,046 00
Town of West Farms	3,069 07
Town of Yonkers	1,155 97
McComb's Dam Bridge	20,837 79
Harlem Bridge	1,826 36
Harlem River and S. D. Improve- ment	727 00
Morning Side Avenue	1,521 24
Avenue at base Morning Side Park	259 98
	<hr/>
	<u>\$827,456 32</u>

Dated New York, December 15th, 1871.

DOCUMENT No. 34.

BOARD

OF THE

Department of Public Parks.

MARCH 6, 1872.

Commissioner GREEN presented a communication received by him from S. B. Parsons, in relation to the trees at the Central Park.

Ordered, That the same be laid on the table, and printed in document form.

E. P. BARKER,
Clerk.

FLUSHING, June 15, 1871.

Ä. H. GREEN, Esq. :

DEAR SIR : My regard for the trees which we have furnished for the Central Park, and my interest in the Park itself, must be my apology for addressing you, as one of the Commissioners, and asking your intervention and influence to save them from mutilation.

In a recent ride over the Park, I was grieved to see so large evidence of a tendency to destruction of its most valuable features.

Those beautiful pyramidal trees, feathering and furnished from the ground, the symmetry of which was the result of careful selection and years of watchful guarding, have been deprived of every branch for ten or fifteen feet in height, and their beauty, which was the admiration of every man of taste, almost destroyed.

That graceful and beautiful spray in the elm, and those slender branches in others, which constitute their chief beauty, have been carefully cut out to a height of twenty or thirty feet, and many of them now remain with tall trunks and strong limbs, showing, indeed, trees, but destitute of expression, like the outline of a picture without its colors, or a lay figuré without its drapery.

You will recollect those dense copses in the upper part of the Park, where all the wildness of nature formed the most charming contrast with the more artificial walks and Terrace.

These I found also trimmed up, and, instead of presenting the beauty which nature gives, showed a crowd of bare poles, an inch or more in diameter, through which the eye could wander *ad libitum*, and giving about as much pleasure as a plantation of Lima beans before the vines have covered the poles.

Then, again, on some rock surface, where moss and grass together formed a natural covering for whatever soil remained, all had been carefully denuded for the purpose of replacing it with some new material, the nature of which I was unable to conceive.

I do not now know who are the employees of the the Commissioners, or to whom is due this destruction of the most beautiful features of the Park, but I could readily imagine it to be the work of some one who had visited Paris, and in whose eyes the Champs Elysée and the Bois de Boulogne were examples of the highest art in landscape gardening.

The beauty of the arched avenues of the Champs Elysée cannot be questioned, but it must be borne in mind that they are streets in the midst of a densely populated city.

Thousands are momentarily and hourly passing through them, and there is a manifest need of high-trimmed trees and lofty-arched avenues.

The same mode is very properly employed in our Park on the avenue between the Fifty-ninth street entrance and the Terrace, but it becomes a blot when applied to all the avenues and lawns.

It should be remembered that our Park is intended for the debouchment of thousands from the stiffness and artificiality of a crowded city into the broad freedom and naturalness of the country, and not a mere promenade for prancing steeds and showy carriages from which the occupants can look down long avenues and under trees into long vistas.

Give the masses access to scenes resembling nature as closely as possible, and if art must come in, let it be in the shape of closely shaven lawns and well kept paths.

I take the liberty of writing to you what I have noticed, trusting that you will exert your influence to preserve the beauty of the Park as far as may now be practicable, for I

know how zealously and carefully you have worked for it in times past.

Whatever may be the fate of public buildings—which may be destroyed and replaced in a short time—do not let the Park be so marred that we shall tell our children of its beauty as of a thing that is past.

Yours truly,
S. B. PARSONS.

DOCUMENT No. 35.

BOARD

OF THE

Department of Public Parks.

MARCH 27, 1872.

A communication from Olmsted & Vaux, Landscape Architects, relative to a review of the plan of Union Square, was received and

Ordered, That said communication be laid on the table, and printed in document form.

E. P. BARKER,
Clerk.

To the Hon. H. G. STEBBINS, *President of the Department of Public Parks:*

SIR :—The plan of Union Square which the Department has instructed us to review, has much in common with the plans of most of the smaller city pleasure-grounds, the improvement of which was undertaken by the late administration, and a determination of changes to be made in it might be also a determination of the desirability of a certain class of changes for all.

In discussing these, however, we find that there are special questions of municipal policy in the case of Union Square, a decision of which in one way would require a more radical change of its present plan than we should otherwise recommend, and before going further, we wish to lay these questions before you.

The original intention of the old plan of the pleasure-ground in Union Square, was to provide a sequestered, garden-like place of recreation.

It was enclosed by a strong fence, and a screen of shrubbery broke the view which would otherwise have been had from within of the surrounding houses, and secluded those who resorted to the ground for pleasure from those who passed by in the streets. The enclosed ground was designed to present the various elements of beauty of trees, turf, blooming shrubs, flowering borders and sparkling water. The necessary ground for walks being taken out, the space was too limited for a permanent, satisfactory realization of this intention, and for even a moderate degree of success, skillful management and high keeping was necessary to be sustained. There was a certain period, after the trees had begun to partially shade the walks and seats, and while the shrubbery was healthy, robust and blooming, when the purpose of the plan was fairly met and the ground was a pleasant place of resort. As the trees grew larger they gradually engrossed overmuch of the fertility and moisture of the soil, and the shrubs, more or less in their shade, starved and dwindled. Many of the trees, not having been well selected, and all being injudiciously treated, with poor police and poor gardening, the ground, in common with

all the smaller city pleasure grounds, was gradually taking on a forlorn and disreputable character.

Under the late administration, the fence and outer screen, and all shrubbery, has been removed, and the intention of providing seclusion from the city abandoned. Suppose the ground to be properly replanted and well managed, the result of the new plan might be a more commodious, more airy, and better shaded resting place, while the unobstructed view under the trees might be more inviting, refreshing and agreeable to passers-by.

As the pleasure-ground of the square is now laid out, it is liable in parts to be often crowded, passage through it is unnecessarily indirect and circuitous, and there is insufficient convenience for resting in the shade. Great improvements at moderate cost are practicable in these respects, and, with the addition of a few trees and some accommodations equivalent to those which have been established in other public grounds, we should not at present be disposed to recommend further changes unless in anticipation of a demand for an occasional use of the square for public meetings, receptions, ceremonies and *fetes*.

Formerly the strong iron fence with the hedge behind it was a restraint upon the movement of crowds, but on three occasions of processions and ceremonies, since the fence was removed, people have swarmed over the planted ground as freely as over the paved ground of the square. Should large and excited crowds hereafter assemble where they often have heretofore, and nothing stand to guard the pleasure-ground but posts and chains and the usual police force, there can be no doubt that it would often fare very hard; its turf be trampled, mud or dust, its seats and other furniture displaced, broken and defiled, and pride in its fair-keeping made impossible.

It was perhaps intended, when the old fence was removed, to exercise the authority of the Department to prevent the holding of public meetings in the square. But if so, it is questionable, we apprehend, whether this intention will be permanently sustained.

Until within a recent period the principal place of public meeting in this city, when more people were expected to come together than could be accommodated within doors, whether

for political demonstrations, the reception of distinguished visitors, or occasions of congratulation and festivity, has been the City Hall Park. The advantages it offered were that a large audience could assemble in it without interrupting the general travel of the streets, and that the City Hall steps and platform supplied a rostrum. As the business quarter has been extended to the north of the City Hall, however, Astor Place, and more recently Union Square, has been generally preferred to it. Union Square is in many respects a most inconvenient place for the purpose. Platforms for speakers have to be erected anew on every occasion, and these, always clumsy and rude, often dangerous, have hitherto frequently been allowed to obstruct the highway for weeks. The audience stand in the midst of the street directly upon the most important lines of travel. This not only occasions great inconvenience and disorder, but provokes dangerous tumults. In spite of these disadvantages, since 1860 the most important public meetings of the city have been held in Union Square.

The reason obviously is, that there is no other place which can be visited by as large a number of citizens with as short a departure from their ordinary courses. Ten lines of cars and omnibusses pass directly through it. The present centre of residence of the city is to the south of the square, and with the progress of business northward, and the increase of population, the demand for its use for public meetings is not unlikely to become more frequent and imperative.

With the number of people who will daily, and in all weathers cross Union Square, it will be impossible to keep turf surfaces in decent order if visitors are allowed to walk over them. Without a strong and high fence, if public meetings shall continue to be held where they have been, it will be quite impracticable, when they occur, to prevent the turf surfaces from being occupied by excited crowds. To make regulations which cannot be enforced is most undesirable. To avoid it, unrestricted passage over the turf must be permitted, or the fence restored, or the coming together of crowds at the usual points be prevented. Assuming that turf should be preserved, and that the department will not determine to restore the fence, the question remains whether it is prepared to prevent public assemblages in this square? The attempt to prevent proposed public meetings

in the parks of London has resulted on several occasions in giving such meetings a riotous character, in which trees and lamps have been pulled down, many men severely injured, and the grounds seriously damaged. It may be doubted whether a policy in respect to Union Square could be permanently sustained which involved such an undertaking.

We have thus been brought to the question whether it is possible to prepare a place for public meetings upon the square, which shall be more convenient and more attractive than that commonly used, and which will not be liable to the same objections?

Broadway, University Place, Fifth avenue and Fourteenth street, all broad and important thoroughfares, come together at the south end of the square, where it is consequently impossible for a crowd to assemble without interfering greatly with public order and convenience. Midway between Fourth avenue and Broadway, at the north end, where the Sanitary and subsequently the Irish Fair was held, the difficulty is less, but the space between the planted ellipse and the north side of the square is so narrow, that a large crowd would be forced to spread laterally to an inconvenient distance, and movement on the sidewalk and access to the shops and houses on that side would be prevented. No other solution of the difficulty, seems possible that does not involve some change in the outline of the pleasure-ground itself.

We present a sketch showing how the paved area on the north might be much enlarged by a certain reduction of the area of the pleasure ground. With a suitably planned fixed platform for speakers, music and committees, from fifteen to twenty thousand people could be gathered in this enlarged area, without danger of injury to the pleasure ground, without preventing access to the doors of the houses at any point fronting on the square, or interfering with the passage of the cars and omnibusses on their regular routes.

No considerable reduction of the extent of turf, or of the shade of trees within the square, would be involved. Urinals instead of being made prominent features of the pleasure-ground, as under the present plan, might be placed under or masked by the platform, which would itself be a firm, safe, convenient and elegant structure.

We have thus, we believe, presented the more important facts and considerations bearing on the question, and we now respectfully ask to be instructed, as follows :

1st. Whether, in a plan for the improvement of Union Square, the elipse should be guarded by a sufficient fence against the liability to turbulence of public meetings? or,

2dly. Whether provision should be made for the accommodation of public meetings, in such a manner as shall be deemed likely to reduce the liability of the pleasure-ground to injury from them to a minimum? or

3dly. Whether no consideration should be given to the probable consequences of such meetings, and the plan be prepared as if they were not expected to occur?

Respectfully,

OLMSTED & VAUX,
Landscape Architects.

New York, March 13th, 1872.