



THE QUADRIGA AS FINISHED IN BRONZE.

THIRTY-SEVENTH ANNUAL REPORT
OF THE
DEPARTMENT OF PARKS
OF THE
CITY OF BROOKLYN
THE THIRD OF THE
COUNTY OF KINGS
AND THE FIRST TO THE
MAYOR OF THE GREATER NEW YORK
FOR THE YEAR 1897



BROOKLYN BOROUGH
PRINTED FOR THE COMMISSIONER

1898

Eagle Press, Brooklyn-New York.

THE OFFICIAL LIST.

Commissioner,
J. G. DETTMER.

Deputy Commissioner,
HENRY L. PALMER.

Secretary,
JOHN E. SMITH.

Landscape Architects, Advisory,
F. L. & J. C. OLMSTED.

Paymaster,
ROBERT H. SMITH.

Assistant Paymaster,
OSCAR C. WHEDON.

Property and Labor Clerk,

WILLIAM A. BOOTH.

(Died July 31, 1897.)

Engineer,

WILLIAM J. ZARTMANN.

Clerk to the Superintendent,

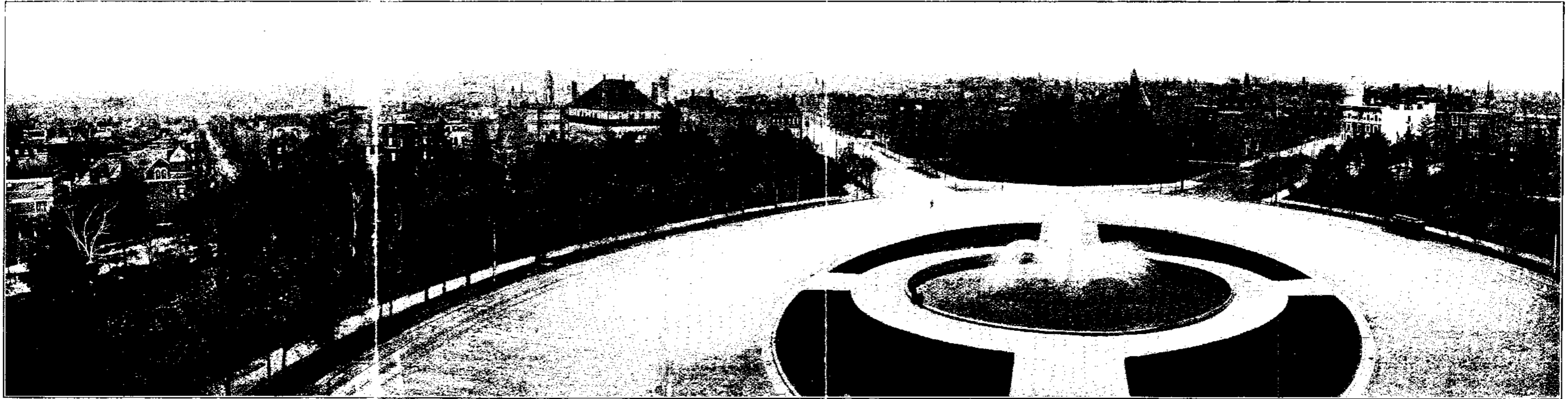
ROBERT T. FLYNN.

Stenographer,

MAY G. HAMILTON.

Captain of Police,

M. A. McNAMARA.



FOUNTAIN AT ENTRANCE TO PROSPECT PARK.

THE COMMISSIONER'S REPORT
OF THE WORK OF THE
DEPARTMENT OF PARKS
DURING THE YEAR 1897.

OFFICE OF THE
COMMISSIONER, DEPARTMENT OF PARKS,
"THE MANSION," PROSPECT PARK.

BROOKLYN, December 31, 1897.

HON. FREDERICK W. WURSTER,

Mayor of the City of Brooklyn:



DEPARTMENT OFFICES.

DEAR SIR.—In accordance with the request contained in your communication of November 18th, and in compliance with Section XI., Article I., Chapter I. of the City Ordinances, I send you herewith for transmission to the Mayor-elect of the Consolidated City the report of the transactions of the Department of Parks

of the City of Brooklyn for the year 1897.

I have the honor to remain,

Yours very truly,

J. G. DETTMER,
Commissioner.



THE OCEAN PARKWAY.

REPORT.

OFFICE OF THE DEPARTMENT OF PARKS,
PROSPECT PARK.

BROOKLYN, December 31, 1897.

HON. FREDERICK W. WURSTER,

Mayor of the City of Brooklyn:

DEAR SIR.—I have the honor, in accordance with the usual custom, to hand you the report of the proceedings of the Department of Parks of the City of Brooklyn, henceforth to



THE BATTLE PASS MONUMENT, PROSPECT PARK.

be known as the Borough of Brooklyn, for the year 1897, the year which closes the history of the City of Brooklyn as a separate municipality.

The Park Department of the City of Brooklyn is one that may be pointed to with pride. Its history has been one of



THE BATTLE PASS IN 1776.

constant progress materially and artistically, and it is pardonable pride to say that its parks are not surpassed in any respect by those of any other city in the world.

The acreage of Brooklyn's parks is not equal to that of the Boroughs of Manhattan and the Bronx combined, but, considered from the standpoint of population, it is nearly equal to it, they having about one acre of park land to a population of four hundred, while in the City of Brooklyn there is about one acre of park land to each five hundred inhabitants.

In the natural advantages of scenery and views of the Sound and the sea, beaches affording bathing facilities and opportunities for boating and other aquatic sports, the park system of the Borough of Brooklyn stands easily at the head of all other park systems.

The driveways and parkways are extensive and varied in attractions, leading in all directions and affording opportunities for daily change in pleasure driving, thus relieving the recreation of driving and bicycling from the drawback of monotony.

In acquiring Brooklyn, the City of New York has, in the Park Department at least, obtained one treasure for the benefit of all the people which will add luster to the new municipality.

THE PARKS AND PARKWAYS.

The park system is made up of the following parks and parkways :

NAME.	SIZE.	VALUE.	LOCATION.
Prospect Park.....	516½ acres..	\$27,735,000.00..	Prospect Park West, Coney Island avenue, Franklin, Ocean and Flatbush avenues.
Washington Park.....	30 "	1,890,000.00..	DeKalb avenue, Washington Park, Ashland pl., Willoughby street, Canton street and Myrtle avenue.
Bedford Park.....	4 "	150,000.00..	Brooklyn and Kingston avenues. Park place and Prospect place.
Tompkins Park.....	7½ "	400,000.00..	Tompkins, Greene, Marcy and Lafayette avenues.
City Park.....	7½ "	325,000.00..	Canton and Navy streets, Park and Flushing avenues.
Municipal Park.....	½ acre...	265,000.00..	Joralemon street, between Fulton & Court streets.
City Hall Park.....	½ "	100,000.00..	Junction of Court and Fulton streets.
Carroll Park.....	2 acres..	390,000.00..	President, Court, Carroll and Smith streets.
Winthrop Park.....	7 "	325,000.00..	Nassau and Driggs aves., Monitor & Russell sts.
Ridgewood Park.....	26 "	250,000.00..	Force Tube avenue and Barbey street, facing Sunnyside avenue.
Sunset Park.....	14½ "	200,000.00..	Forty-first to Forty-third streets, Fifth to Seventh avenues.
Red Hook Park.....	6 "	150,000.00..	Richards, Dwight, Verona and William sts.
Bushwick Park.....	6 "	150,000.00..	Knickerbocker and Irving avenues, Starr and Suydam streets.
Underhill Park.....	¼ acre...	25,000.00..	Junction Underhill and Washington avenues.
Zindel Park.....	¼ "	50,000.00..	Junction Broadway and Throop avenue.
Stuyvesant Park.....	¼ "	5,000.00..	Junction Stuyvesant ave. and Broadway.
Cuyler Park.....	½ "	75,000.00..	Junction Fulton street and Greene avenue.

REPORT OF THE

NAME.	SIZE.	VALUE.	LOCATION.
Cooper Gore Park.....	$\frac{1}{2}$ acre...	\$4,000.00..	Metropolitan and Orient avenues.
Woodpoint Park.....	5 "	4,000.00..	Metropolitan avenue and Woodpoint road.
East Side Lands.....	50 acres..	1,250,000.00..	Washington ave., Eastern Parkway and Flatbush avenue.
Brooklyn Heights Park..	5 "	200,000.00..	Columbia Heights, fronting on Furman street.
Gravel Pit.....	$\frac{1}{2}$ acre...	10,000.00..	Windsor Terrace.
Gravel Pit.....	5 acres..	15,000.00..	Ocean Parkway.
Parade Ground.....	40 "	1,290,000.00..	Coney Island avenue, Caton avenue, Ocean avenue and Parade pl.
Concourse Park.....	70 "	1,000,000.00..	East and West Fifth sts., Sea Breeze avenue and the Ocean.
Dyker Beach Park.....	144 "	300,000.00..	Seventh avenue, New York Bay, Bay Eighth street, Cropsey and Fourteenth avenues.
Bensonhurst Beach.....	8 "	88,000.00..	Bay Parkway, Gravesend Bay, Twenty-first and Cropsey avenues.
Lincoln Terrace.....	12 "	120,000.00..	Eastern Parkway, Buffalo avenue, President st., and Rochester avenue.

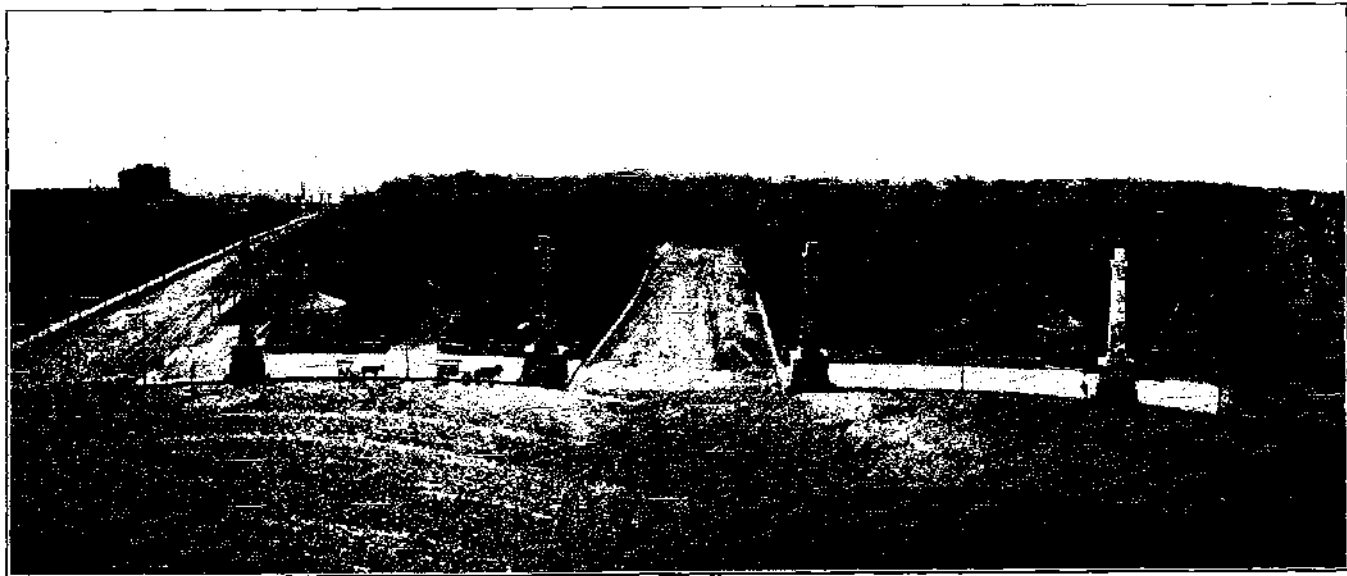


THE BATTLE PASS IN 1866.



BATTLE PASS, PROSPECT PARK, 1897.

NAME.	SIZE.	VALUE.	LOCATION.
Canarsie Beach.....	40 acres ..	\$105,000.00..	Rockaway Parkway and Jamaica Bay.
New Lots Playground ...	6 "	16,000.00..	Sackman street, Newport, Christopher and Riverdale avenues.
Cooper Park.....	10 "	55,000.00..	Maspeth and Morgan avenues, Sharon and Guilford streets.
Irving Square.....	6 "	70,000.00..	Hamburg and Knickerbocker avenues, Halsey and Weirfield streets.
Saratoga Square.....	7 "	121,000.00..	Saratoga and Howard avenues, Halsey and Macon streets.
Linton Park.....	6 "	35,000.00..	Bradford street, Blake, Demont and Miller avenues.
Brooklyn Forest.....	535 "	1,250,000.00..	Between Jamaica avenue and Union Turnpike, Eldert Lane and Washington street, Town of Jamaica.



ENTRANCE TO PROSPECT PARK FROM TOWER.

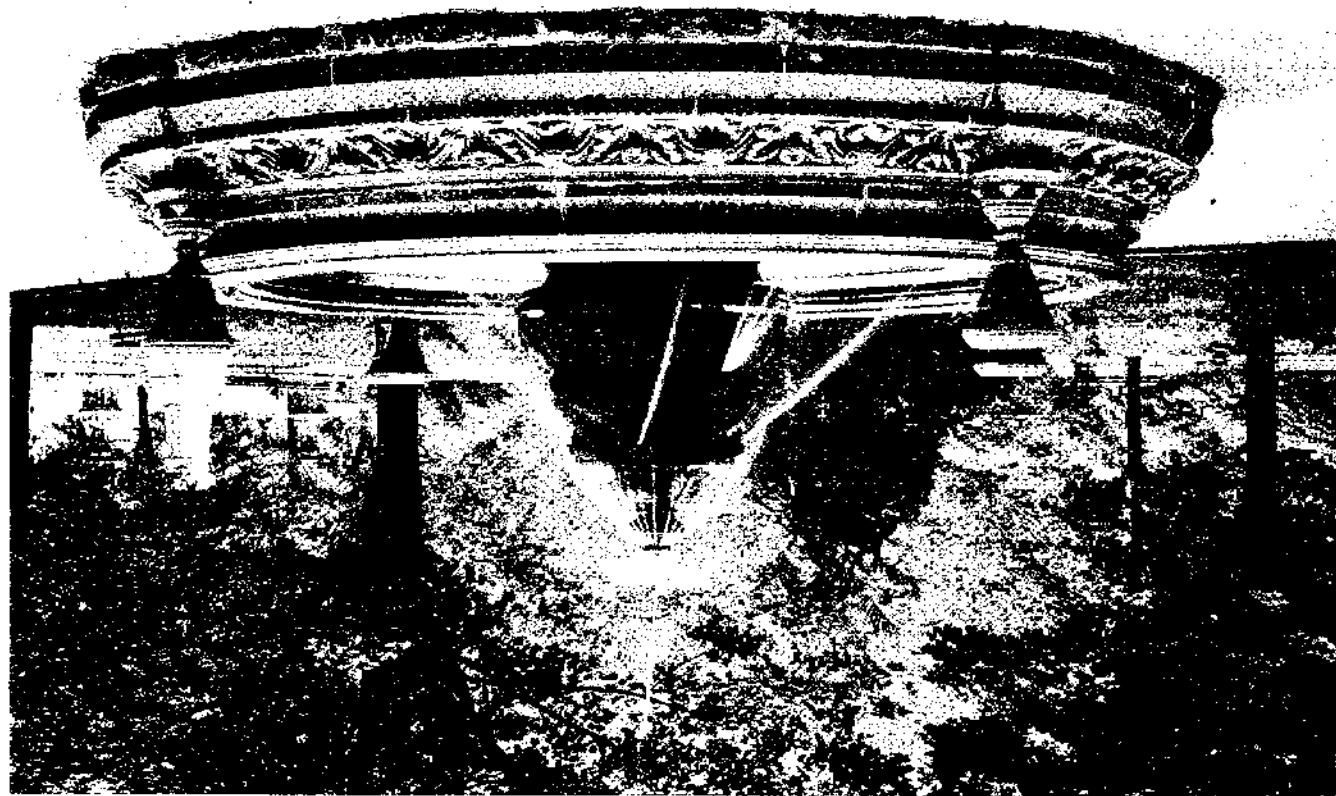
PARKWAYS.

NAME.	SIZE.	VALUE.	LOCATION.
Ocean Parkway	5½ miles..	\$4,000,000.00.	Prospect Park to Coney Island.
Eastern Parkway.....	2½ "	3,000,000.00.	Prospect Park to Ralph avenue.
Eastern Park'y Extension	2¼ "	1,300,000.00.	Ralph avenue to Ridgewood Park.
Fort Hamilton Parkway.	1 "	1,000,000.00.	Prospect Park to Fort Hamilton.
Bay Parkway	3 "	1,000,000.00.	Ocean Parkway to Bensonhurst Beach.
Seventy-fifth street.....	2 "	300,000.00.	Fort Hamilton Parkway to Bay Parkway.
Bay Ridge Parkway.....	3 "	3,500,000.00.	Fort Hamilton avenue to Fort Hamilton.
Union street	¼ mile...	500,000.00.	Prospect Park to Fourth avenue.
Fourth avenue	2¼ miles..	2,000,000.00.	Fiatbush avenue to Shore Road.
Pitkin avenue.....	½ mile...		Eastern Parkway to Stone avenue.
Stone avenue.....	¼ "		Eastern Parkway Extension to Riverdale ave.
Glenmore avenue.....	2 miles..		Stone avenue to Eldert Lane.
Riverdale avenue.....	1½ "		Stone ave. to New Lots ave.
New Lots avenue.....	1 mile..		Riverdale to Dumont ave.
Dumont avenue.....	¼ "		New Lots avenue to Fountain avenue.
Bushwick avenue.....	¼ "		Eastern Parkway Extension to Jamaica avenue.
Pennsylvania avenue...	2½ miles..		Jamaica avenue to Jamaica Bay.
Miller avenue	¼ mile..		Jamaica avenue to Eastern Parkway Extension.
Buffalo avenue.....	½ "		Eastern Parkway to East New York avenue.
Rockaway Parkway. ...	5 miles..		Buffalo avenue to Canarsie Park.

Worth
Collectively
\$1,300,000.00

In addition to these parkways there are two bicycle paths, each five and one-half miles in length, exclusively devoted to the use of bicycle riders. They are located on the Ocean Parkway, one on each side of the main drive.

THE FOUNTAIN IN THE GARDENS, PROSPECT PARK.



THE WORK OF THE YEAR.

To properly maintain, improve and develop these parks and parkways demands intelligence, time and love of the work. The best of talent alone pays, for ignorance causes more destruction in a short time than years of constant endeavor can repair.

The work of the past year has been largely creative. New parks have been created out of waste places upon lines of plans carefully prepared, roads have been built, old ones remade, and much has been done in the way of artistic adornment for the beautifying of the old parks, and out of this work has come much pleasure for all the people.

The wisdom of locating small parks in various sections of the thickly settled portions of the city has been demonstrated the past year by the way in which the new parks have been occupied by the people, even before they were developed. There has been a movement started which has for its object the establishment of more of these small parks. The Department has been in full sympathy with this idea, but has not been able to make further purchases because of lack of money. It would be well for the City as soon as possible to establish new parks in the Thirteenth, Fourteenth and Nineteenth Wards of the city, which are wards to a large extent built up of factories, tenements, etc., where parks are needed and would be greatly appreciated.

There has been some talk about not buying parks, but building schools. The city should have both, and plenty of them, for they are the twin humanizing and elevating principles in municipalities. Brooklyn has endeavored to provide both, and has done so to a wonderful extent, considering her rapid growth in population the past fifteen years, during which time it has nearly doubled, while the cost of conducting the government has been many times increased, owing to the vast extent of territory to be cared for and the limited amount of taxable property due to the

overshadowing commercial supremacy of New York, which drew to it the larger portion of the capital controlled by Brooklynites. No city in the union has better schools, more of them or a better result from the work done in the schools, and the cost of the parks has never been begrudged by the people.

The appropriation for the maintenance of the parks for the year 1897 was \$664,736.18. This money has been wisely and judiciously expended in the improvement and betterment of the parks and parkways.

PROSPECT PARK.

Prospect Park has never won more praise than during the past year. The abundance of rain in the spring and summer kept the meadows and foliage in perfect condition, and at no time was there the slightest indication of dryness. In the early spring all the hills were covered with the brightest of early flowers, and as the season advanced there was a constant succession of brilliant flowering plants in bloom.

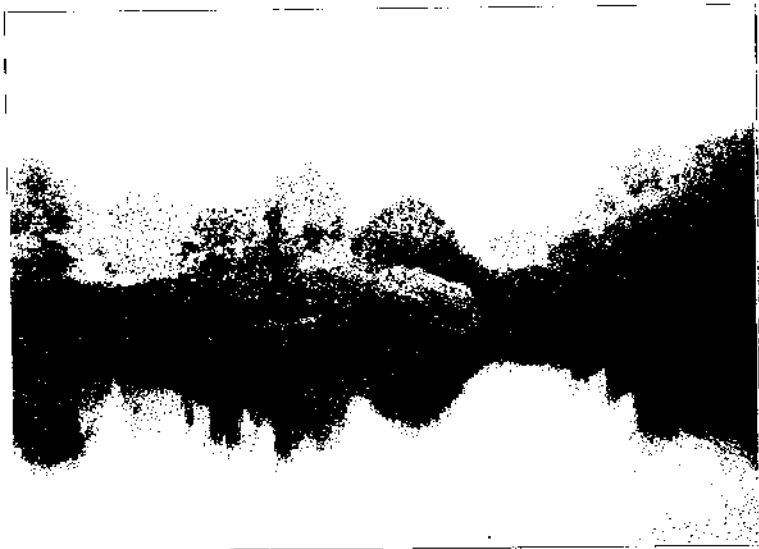
Early in the year the Department lost the services of its Superintendent, who resigned to take a position in another city. This was indeed a loss, for he was one of the ablest men in the profession, and he could not be easily replaced. Complications caused by Civil Service questions prevented the selection of a successor until late in the fall, and then it was deemed wise to allow the place to remain unfilled until the Department was reorganized under the new Charter.

THE FLORAL DECORATIONS.

Notwithstanding this loss the work of the Department was kept up, and the Superintendent of Planting did much by producing floral combinations of great beauty, which greatly pleased the public. The lily ponds and the rose garden were a source of constant delight. Never were the roses more beautiful in form, color and variety. The aquatic plants were exceedingly attractive, and when the *Victoria Regia* bloomed hundreds of people visited the ponds to enjoy the picture.

The Vale of Cashmere during the entire spring was a great mass of color, mingled with the rainbow mist of the fountain and the green of the vines entwined about the snowy-white marble balustrade along the water's edge. The terra cotta vases intended to adorn the Vale did not arrive from Italy until late in the year, and it was, therefore, decided not to place them in position until next spring.

The Italian gardens were visited by thousands during the season. The early blooming hyacinths and tulips afforded a



THE SWAN LAKE.

color picture never before excelled. They were followed by a constant succession of bright flowering plants, and upon the lawns were placed magnificent palms. Along the edges were planted the cacti, the finest collection in the United States, embracing nearly every known variety. Along the southern wall, under the shade of the elms, a rockery was built and filled with ferns. Taken in its entirety, a more beautiful spot could not be found.



LONG MEADOW LOOKING NORTH, PROSPECT PARK.

The old-fashioned flower garden on Breeze Hill was never more beautiful. Every variety of old-fashioned flower known to old-fashioned people, whose memory of the old-time flower gardens afforded them far more pleasure than a modern flower show, was here displayed. The arrangement of color was the work of a master mind, and the garden was a veritable Jacob's coat of many colors, arranged harmoniously and picturesquely.



LILY POND, SHOWING WALK.

The spring and autumn displays in the greenhouses were magnificent and were enjoyed by hundreds of people. The tulip and chrysanthemum shows were marked successes and the display of orchids was never surpassed. The palm house was not large enough to hold the collection.

THE MEADOWS.

The meadows were in perfect condition all through the year. The long meadow, nearly a mile in length, was like an

emerald sea. The constant tramping over it by the thousands of children attending picnics, the lawn tennis players and the croquet players did not injure it in the slightest.

The most imposing spectacle in the Park during the year was the annual parade of the Sunday-school children on Anniversary Day, when between fifteen and twenty thousand little ones, in raiment as bright as the sunshiny day which marked the occasion, marched down the long meadow in front of the reviewing stand, which was occupied by the Lieutenant-Governor, the officers of the Brooklyn Sunday-school Union, the City officials and many other prominent people.

ROAD WORK.

The heavy rains, which were of such benefit to the trees, lawns and flowers, were not welcomed by the people using the roads. The continuous downpour washed gullies in them that were especially bad for bicycle riders, who detect every ripple in a roadway. The Department endeavored to keep the roads in good condition, but the machinery at its disposal could not keep up with the damage caused by the rains. Ordinarily one general repair of the roads after the spring rains keeps them in shape, but this year it was necessary to go over them four times, and the unthinking were inclined to find fault with the condition of the roads, without making any allowance for the fact that one deluge would undo a fortnight's work. In the main, however, the roads were kept in a good condition, and during the fall season were in fine form in every respect.

The work of repairing the asphalt walks in the Park was taken up early in the season, and a number of paths were relaid and patched up.

The Farm House, which was utilized for several social functions during the season of 1896-1897, was made more accessible by the construction of a new drive from the East Road, and a new door was cut in the rear of the building.

SUNDAY SCHOOL PARADE.



GIRLS WITH MAYPOLE



LONG FERRATION



PASSING REVIEWING STAND

SCENES ON THE LONG MEADOW.

REPORT OF THE
THE GREENHOUSES.

Four of the Greenhouses were reconstructed during the early spring, and the demand for more space will soon call for a radical change in the arrangement of the Greenhouses and a doubling of their present size, and they should be placed on the East Side Lands, where they would be more accessible and in better surroundings than they now are.

LIGHTING THE PARK.

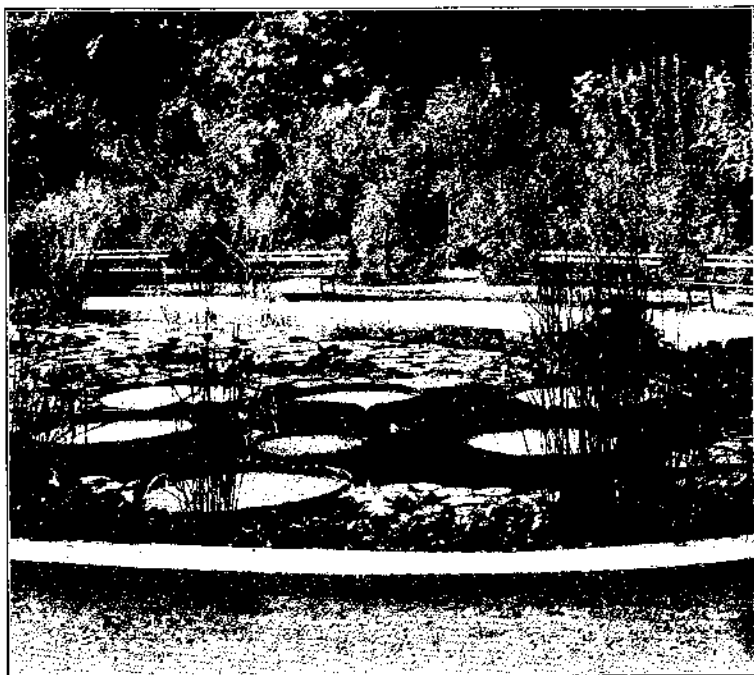
For a number of years past there has been a lack of light on the Park roads at night, making it dangerous for persons to drive or ride on bicycles. This has been obviated the past year by the introduction of three hundred naphtha lamps, made very effective by the use of Welsbach burners. These lights are better adapted for park roads than electric lights, being closer to the ground, free from shadows, and giving a clear, steady, white light. Being much cheaper than electric lights, they can be placed closer together, and thus twice the illumination is obtained for the cost of electric light. These lamps have given great satisfaction, and all complaints have ceased.

THE WATER SUPPLY.

The question of a larger water supply is one that has arisen to annoy the Department. With the increase of travel, necessitating the establishment of many more hydrants for bicycle riders and horses, and the increase of the number of drives, which require sprinkling, has come the positive fact that a single engine and well, designed to supply 500,000 gallons of water daily to Prospect Park Lake, an amount that is required on an average, will not much longer serve the demands now made upon it.

The Department has during the past year been compelled to call upon the city and upon private water companies for help. It has been given, but not willingly, as the demands

upon the existing water supplies for domestic purposes have been very great and water for sprinkling could not easily be spared. Happily, considerable rainy weather helped out by keeping the roads damp much of the time. The pumping station was thoroughly overhauled during the spring and put in the best possible condition, but the pump has been at work from twelve to twenty-four hours a day for over thirty years,



THE LILY POND, PROSPECT PARK.

and its merit has been demonstrated by its record. Still, it may break down, and, if it does, there is no auxiliary engine to help out. This should be remedied, at once, as serious trouble would follow a break down. An appropriation for a new engine should be obtained at an early date, and a new well should be sunk in a different part of the park to increase the water supply. Some years ago the service of the present well



LONG MEADOW, LOOKING SOUTH, PROSPECT PARK.

was increased by the sinking of new tubes, and the supply was run up to a million gallons a day, as contracted for; but, when the million gallons were pumped out continuously for several weeks, the water in the well suddenly collapsed, demonstrating the fact that the water-shed would only yield about five hundred thousand gallons daily. Consequently, a new well, if sunk, should be located in a different section of the Park.

OPEN-AIR GYMNASIUMS.

The Department was petitioned, in the latter part of the summer, to start open-air gymnasiums in the parks. The subject was taken into consideration, and investigation of the work in Boston was made. It was discovered, however, that the gymnasiums in that city were not actually conducted in the parks, but on grounds specially set aside for the purpose, and that they were, although quite costly, very satisfactory in their results. It would seem to me that the establishment of open-air gymnasiums, in various parts of the city, where the poor could benefit by them, would be an excellent idea; but I do not think the usefulness of the smaller parks should be impaired by them. If established, special sites should be secured for them.

THE PLAZA IMPROVEMENT.

The work of reconstructing the plaza at the main entrance to the park, in accordance with the plan designed by the Landscape Architects, Advisory, Messrs. F. L. & J. C. Olmsted, was begun, early in the year, by the removal of the old fountain. The center portion, being of a composite material, could not be utilized, but the granite steps were saved, and have been used in the improvement of parks in various portions of the city. Before the work of construction began, the idea of amending the plan by substituting an electric fountain for the lily basins was taken up for consideration, and eminent designers were called upon to submit plans and suggest ideas. When the

plans were received several of the designs suggested that the fountain should be placed inside the park; but the landscape architects opposed this with great vehemence, maintaining that it would be disastrous to the meadows and plantations to draw large numbers of people into the park after dark, when they could not possibly be controlled.

It was finally decided to adopt the plans prepared by Mr. F. W. Darlington, an electrical engineer of Philadelphia, who had designed his fountain to fit the plaza.

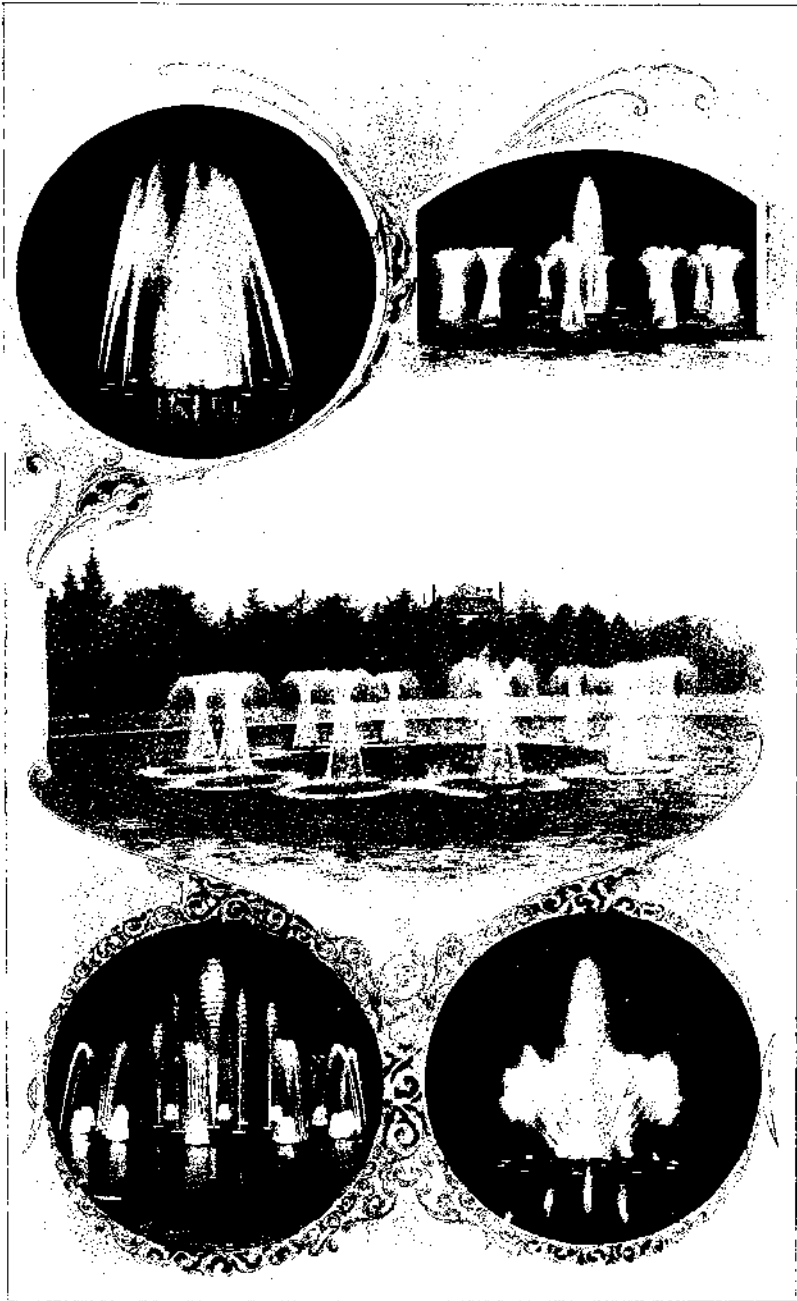
THE ELECTRIC FOUNTAIN.

The fountain thus provided consists of a kosmocrete basin 370 feet in diameter. Under the center of the basin is a pit in which is placed a large part of the machinery connected with producing the colored effects. A tunnel connects this cellar with an operating kiosk, where the person in charge of the fountain stands, looking out of a window six inches above the water, and thus is enabled to see the effect of the various combinations which he causes to be produced.

The electrical apparatus consists of nineteen automatic focusing arc lights, connected in series; each lamp of 6,000-candle power, and provided with an adjustable stand which permits of throwing the light upon the ascending water. Three rheostats are provided, one for each series of lamps, and each lamp is provided with a silver parabolic reflector.

The glass color slides are operated by compressed air, and they are controlled by electricity. Eighty incandescent lights are arranged about the wall of the basin.

The contract was awarded in June to The Wilson & Baillie Manufacturing Company, of Brooklyn, who agreed to construct the fountain for \$24,500.00. They endeavored to complete it so that an exhibition could be given on July 4th, but owing to the failure of the electrical concerns to provide the specially constructed machinery in time, the Department was compelled to postpone the opening until August, when the exhibitions began.



ELECTRIC FOUNTAIN DISPLAYS, PROSPECT PARK PLAZA.

THE DISPLAYS.

The formal opening, on August 25th, was attended by a large number of prominent officials of both New York and Brooklyn, including Mayors Strong and Wurster.

The fountain won instant commendation. One writer thus described it :

"It was just after 8 o'clock when a stream of light shot up from the dark, low-lying basin. Then all was dark again, until the water began playing from the bundles of plain-looking pipes in the center. Slowly at first, then faster and faster and higher and higher leapt the streams, forming a beautiful cascade in the air. But the crowd had seen that before and were just beginning to murmur when the electrician began to play his part. A soft radiance shot up, and the mist changed into ghostly specters, floating away in the air. Then it changed, softly and gradually, into delicate blues and greens, yellows and reds and crimsons, purple and lavender; and at each change the exclamations of surprise and delight were increased. The streams shot up for fifty feet, and soft, fleecy veils of mist, tinted with the most beautiful colors of the rainbow, floated up against the dark sky.

"Streams of water shot up from the sides of the fountain, meeting those in the center and forming what looked like a floating sheaf of wheat. Another minute and the colors filled the gushing water, blended into a perfect frenzy of tints. Faster and faster came the changes of color, and at one time it reminded one of a huge palette over which an artist was mixing the most delicate shades. The effect was magical, and when at last the light died out and the water stopped, the crowd awoke as out of a dream and moved slowly home."

And another wrote :

"One moment a geyser-like tower of water would shoot up from the center of the fountain, and gradually fade from sea green into shell pink. Around it a score of smaller sprays would flame in iridescent lines.

"Then the central stream would crumble into violet mist, while the many colored rays that circled it would turn to flame. Again the whole fountain would be transformed into a huge bowl filled with drifting clouds of spray, pink, green, violet—every conceivable shade and hue.

"When the lights were finally turned down, after an hour or more, the crowd applauded wildly."

The exhibitions were continued until the latter part of November, when frost compelled their discontinuance. Thousands of people, including visitors from all parts of the country, have witnessed the magnificent spectacle during the season and all united in pronouncing it one of the grandest ever seen. There is no doubt of the wisdom of the expenditure of the money required for the construction of this fountain, for it has afforded all the people a means of enjoyment that could not otherwise have been obtained. In the construction of the fountain the Department had the assistance of one of the ablest engineers in the profession, Mr. C. C. Martin, Superintendent and Directing Engineer of the Brooklyn Bridge, who was also the engineer who supervised the construction of the fountain which has been displaced.

DISPLAYS NEXT YEAR.

It was the intention of the Department to have displays every evening in the week, but the Commissioner of City Works, who afforded every facility in his power to enable the Park Department to carry out the scheme, did not feel that the water supply was sufficiently adequate to allow this to be done, so that the displays were limited to two a week, on Wednesdays and Saturdays. To make it possible to have displays every night, it will be necessary to provide electric pumps, which will enable the operator to use the same water for the variety of displays. Arrangements were made to secure these pumps, the local railroad companies, which provide the electricity without charge, offering to bear two-thirds of the



LILY POND WITH FOUNTAIN.

expense; but the Park Department having expended all its available funds, applicable to the fountain, and the City not being able to provide additional money, it was thought best to wait until another year to secure the needed money for the pumps and for the completion of the other work upon the Plaza, in the way of paving and planting.

CONTRACT FOR POWER.

The following is the contract entered into with the railroad companies in relation to the operation of the fountain:—

“Agreement entered into this third day of August, 1897, between the City of Brooklyn, by the Commissioner of Parks, party of the first part, and the Brooklyn Heights Railroad Company and the Nassau Electric Railroad Company, parties of the second part:

“The party of the first part will construct a fountain at the Prospect Park Plaza, Brooklyn, New York, together with

all necessary appurtenances, water connections, motor-operated hydraulic pumps, electric lights, valves, fittings, etc., for the production of a proper electric display.

"The parties of the second part will furnish the necessary electric current from their feed wires to operate the motors and electric lights in connection with said fountain, without expense to the party of the first part, and will make all necessary connections from the feed wires of the parties of the second part to a switchboard, and furnish all labor and materials to connect the same; said switchboard to be erected by the party of the first part, at its own expense, and to be provided with switches which will enable either of the parties of the second part to furnish the current necessary for the operation of both motors and lights, or to supply the current separately.

"The party of the first part will furnish any labor or watchmen that may be necessary for the proper protection and maintenance of the fountain and apparatus, throughout the year, and will keep the fountain and all appurtenances, pipes and connections, valves, etc., in proper working order at all times; and will also provide a competent man to assist in the operation of the fountain, whose duties it shall be, among others, to inspect and repair the piping and other hydraulic connections.

"The parties of the second part will also furnish two men, who will operate the fountain and handle all the apparatus, electrical and hydraulic, during operation of the fountain.

"The parties of the second part will also maintain in good order all electrical apparatus, motors, lamps and wiring, etc., and furnish necessary material; the party of the first part to pay to the parties of the second part the cost of such repairs and maintenance, on presentation of bills.

"The party of the first part agrees to be solely responsible for the construction of the fountain, and protect the parties of the second part from any suits that may arise from the furnishing of electric power, as required by this agreement, and to indemnify and save harmless the parties of the second part from all damages, costs and expenses by reason of injury to persons or property caused or claimed to have been caused by or in the course of construction, or operating electric power furnished by the parties of the second part, whether such injury be caused, or be claimed to have been caused, by the negligence of the agents or servants employed by either of the parties of the second part, or otherwise.

"And it is understood and agreed between the parties of the second part that each shall bear as nearly as possible one-half the expense incurred by the parties of the second part under this agreement. The Brooklyn Heights Railroad Company will furnish all material and labor necessary in making connections with the feeder lines of the parties of the second part, and the Nassau Electric Railroad Company agrees to pay to the Brooklyn Heights Railroad Company one-half such cost on presentation of detailed bill.

"And it is further agreed between the parties of the second part that each company shall furnish one competent man to assist in the operation of the fountain; or in case the two men shall be furnished by one of the parties, the other shall pay to the party employing the two men one-half the wages of said two men; also that the same plan shall govern in the furnishing of power to operate the fountain; that is, if all power necessary to operate both the lights and the motors shall be furnished by one of the parties, the other party will pay to the party furnishing the power one-half the cost thereof.

"This agreement shall continue in force for three years from date hereof, and thereafter as may be mutually agreed upon by the parties hereto.

"(Signed) THE CITY OF BROOKLYN,

"By J. G. DETTMER,

"*Commissioner of Parks.*

"THE BROOKLYN HEIGHTS RAILROAD COMPANY,

"By C. L. ROSSITER,

"*President.*

"THE NASSAU ELECTRIC RAILROAD COMPANY,

"By A. L. JOHNSON,

"*President.*"

THE ART WORK.

The artistic bronze adornments for the Memorial Arch and the entrances to Prospect Park it was confidently expected would be in place before the Consolidation Act took effect; but the Park Department has been disappointed in this respect.

The finished model for the Quadriga was sent to the foundry in the latter part of last year, and it was then believed that by September of this year it would be in place upon the



BRONZE PANTHER, THIRD STREET GATE, PROSPECT PARK.

Arch, but it remained in the hands of the foundryman until December of this year, which precludes the possibility of putting it upon the Arch before the coming spring. All the critics agree that the Quadriga is the product of a master mind, and when it is in place it will be a monument to arouse local pride and to commend the artistic taste of this section of the Greater New York.

The models of the groups which are to adorn the Ocean Parkway Entrance to Prospect Park have been completed.



BRONZE GROUP, CONEY ISLAND GATE, PROSPECT PARK.

They are magnificent, and without doubt the finished production will be the two finest equestrian groups in the country.

The side groups for the Arch are still in the formative stage. They will represent the Army and the Navy, and the rough designs are full of artistic fire.

Originally, it was intended to decorate the four columns at the main entrance to Prospect Park with bronze eagles, but Mr. MacMonnies has been accorded the privilege of substituting small pieces of statuary, to be called "Winged Victories," which he thinks will be an improvement on the eagle decoration.

The American panthers for the Third Street Entrance, which are being designed by Mr. Proctor, are now in the hands of the foundryman. They are wonderfully realistic reproductions of the powerful animal.

The main entrance will be improved by the erection of four bronze lamps, designed by Messrs. McKim, Mead & White, made to harmonize with the lamps erected last year about the Memorial Arch.



BRONZE GROUP, CONEY ISLAND GATE, PROSPECT PARK.

A TOWER DESIGNED.

The Department has had under consideration the erection of a tower on Lookout Hill, where, in the olden days, a fine view of the country was obtained. This has nearly all been destroyed by the growth of trees, and can only be restored by the erection of a tower. The plan for the tower has been prepared by McKim, Mead & White. It is exceedingly attractive, and would be a most desirable feature to add to the Park. The finances of the Department did not warrant the expenditure the past year, but the tower should be erected in the near future.

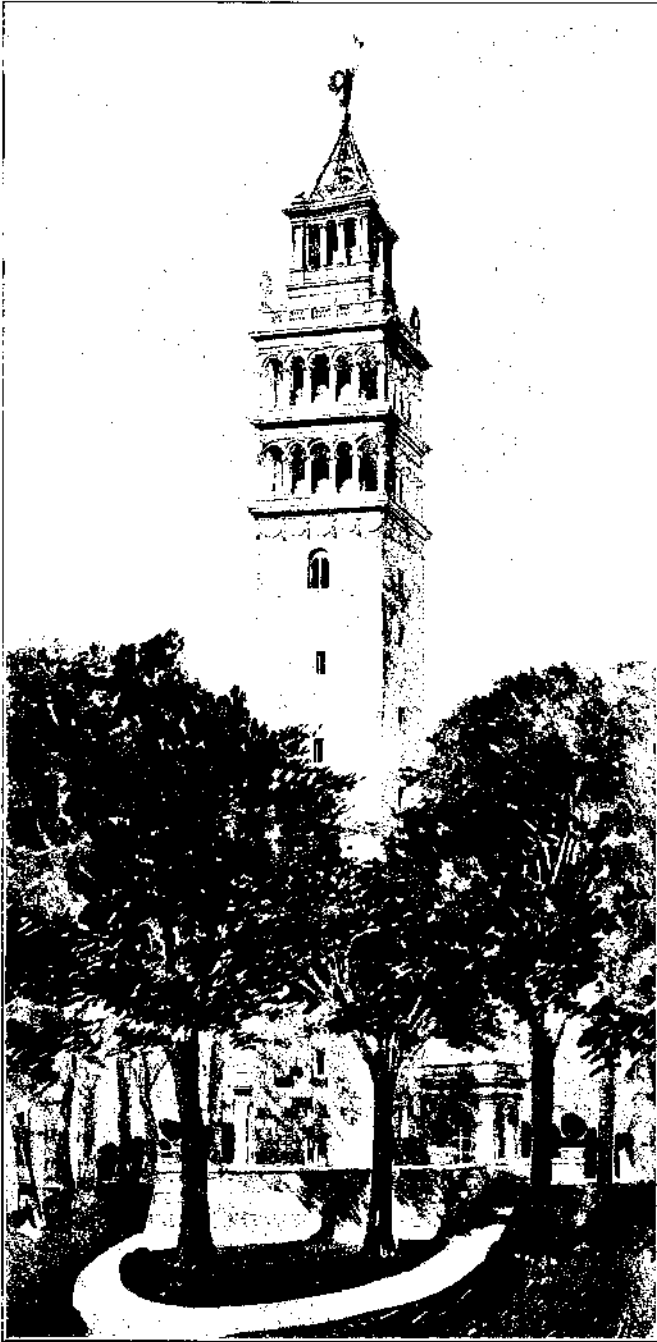
The Slocum monument, to be produced by Mr. MacMonnies, has not yet been designed. It will be several years before it comes from the artist's hands.

The pedestals at the Willink Entrance have been completed by the addition of bronze finials topped with artistic electric lamps.

Mr. Baerer, who designed the Warren statue, has been authorized by a legislative commission to produce a statue of the late General Fowler, who commanded the Fourteenth Regiment of Brooklyn when it was earning a world-wide reputation for bravery and its title, "the red-legged devils." The act authorized the commission to place the monument on any site it wished to select, and it has selected the south end of the east mound on the Park Plaza, opposite the Warren statue. Before the statue is placed it will have to secure the approval of the Fine Arts Commission, as provided in the Charter of the Greater New York.

GIFT OF THE GERMAN SINGERS.

The United German Singers' Association of Brooklyn supplemented their gift of the Beethoven bust with one of Mozart, which was unveiled in the Flower Garden on October the 23d. This bust was won at a sacngerfest held in Philadelphia. Preceding the unveiling there was a procession through the



PROPOSED TOWER ON LOOKOUT HILL, PROSPECT PARK.



THE BUST OF MOZART.

principal streets of the city. The ceremonies in the Park were begun by a chorus of the singers, under the direction of Arthur Claassen, after which the president of the association, Mr. S. K. Saenger, presented the bust to the City.

THE PRESENTATION.

In doing so, he said:

MR. MAYOR.—Three years have elapsed since I had the honor to present to your predecessor, Charles A. Schieren, as the chief magistrate of our city, the bust of Beethoven, the trophy of the

United Singers of Brooklyn, at the Seventeenth National Song Festival, held in New York City. To-day we are assembled for a similar purpose, namely, to entrust to the care of the City of Brooklyn the prize awarded to our vocalists at the recent saengerfest in Philadelphia. We had to contend against heavy odds, competing against the numerically strongest and most carefully trained organizations of glee clubs, still being successful over all rivals, with a mark of 143½ points out of a possible 150. There is, to my knowledge, no city in any country, except the City of Brooklyn, which can point, with pride and satisfaction, to two monuments obtained for it under similar conditions. In a modest way we have endeavored to contribute toward establishing Brooklyn's reputation as a city of arts. It should be Brooklyn's aim to justify its good name as such an art and music-loving community in the future. There will be an ample opportunity to enlist the good will and support of our fellow citizens in the interest of the Nineteenth National Song Festival, which will be held three years hence in Brooklyn, and which, we trust, will, in all respects, eclipse all former occasions of a similar character. And now, Mr. Mayor, in presenting to the City, through you, this bust of Mozart, I take profound pleasure in expressing to you the thanks of the United Singers for your very generous gift to our pedestal fund.

THE ACCEPTANCE.

The bust having been unveiled, Mayor Wurster accepted it on behalf of the City, saying :

I formally accept the generous gift of the United Singers on behalf of the City of Brooklyn. It is, indeed, a unique thing that twice in succession the singers of this city should be able to present to our city the trophies won by them in singing festivals open to competition from all parts of our land. We are proud to have our beautiful Park adorned by these tokens of what the citizens of Brooklyn can do in the field of vocal music. When the proposition was made to present this bust to our city, on condition that the pedestal be provided at public expense, I found the money could not be appropriated save by an act of the Legislature. Knowing how much our fellow citizens of German descent have done for our city, I determined that Brooklyn should not lose this bust because of the lack of a pedestal. Comptroller Palmer and I became personally

responsible for the cost, and we are gratified to have the bust properly provided for. These busts fitly stand in this flower garden, the central point of interest in this beautiful Park. As Mayor, I now turn this bust over to the care of the Department of Parks, and entrust it to you, Commissioner Dettmer. I know I need not urge that it



BUST OF BEETHOVEN, PROSPECT PARK.

be properly cared for, as the condition of these grounds is a proof of diligent watchfulness in the conduct of this important Department. In a larger sense, the bust is entrusted to the care of the people, to whom the Parks belong, and who will see that no harm comes to that which is provided for the benefit of all.

PLACED IN THE CHARGE OF THE DEPARTMENT.

Commissioner Dettmer, in accepting the bust for the Park Department, said:

It gives me great pleasure to accept for the Park Department the custody of this bust, which the German Singers have presented, through the Mayor, to the City of Brooklyn, as a memento of their triumph in the realm of song. Genius in Mozart was appreciated almost from his birth; but while the world applauded, it failed to reward his service properly, and he died absolutely penniless. But while he suffered, the world was ennobled by his efforts, and it is eminently proper that his memory should be honored whenever and wherever a fitting occasion presents itself. In the selection of this beautiful spot as the site for the erection of this bronze bust of the great musician, near as it is to that of that other master whose genius claimed the world's attention while the work of Mozart was still being created, it seems to me that poetic justice is being done. Here in this grove, dedicated to music by the master mind that created this beautiful Park; where the brightest flowers bloom all through the season; where art is displayed on every hand; where nature's songsters, the birds, delight to sing their sweetest songs—here I say is the ideal spot in which to locate this bronze bust of him who was born to put in form the music that appeals to the hearts of all men. To participate in this ceremony is a privilege I greatly appreciate; and, in conclusion, I wish to congratulate the United Singers upon their success in winning the prize, and to assure them that the Park Department will be a careful custodian of the prize committed to its care.

President Carl Lenz, of the Northeastern Saengerbund, delivered a short address in German, and the services concluded with the prize song, "Robin Adair," and "The Star-Spangled Banner."

THE MUSIC.

The musical schedule for the past season was arranged so as to give concerts in more parks than had been covered in previous years. The appropriation for the music was the same, so that it was necessary to cut out several concerts in Prospect



AN AFTERNOON CONCERT AT THE LAKE, PROSPECT PARK.

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Park for the benefit of the small parks. This was done, and concerts were given in Prospect, Washington, City, Winthrop, Tompkins, and Bushwick Parks.

The season in Prospect Park was opened with a series of concerts given on Music Island, a small island built in the lake under the direction of Frederick Law Olmsted, who designed the Park. The island was created for the purpose of building a music stand upon it, and the spot is ideal. The lake added picturesqueness to the scene, the large carriage concourse afforded ample room for vehicles, and the beautiful Italian gardens provided floral attractions that pleased the eye while the music filled the ear. A temporary music stand was erected in order to try the effect of music on the island. Many people were pleased with the new location, but its chief drawback was a lack of shade on the carriage concourse, where trees had not been planted until quite recently. To please those who did not like the new location, the last half of the concerts were given at the old music stand.

GATHERING OF VETERANS.

On Sunday, September 19th, which was the anniversary of the battles of Iuka, Corinth and Chickamauga, a military concert was given in Prospect Park, under the auspices of the Brooklyn War Veterans and their sons' associations. Members of the various Grand Army Posts attended in uniform, and variety was given to the music by the introduction of buglers from the regular army, who sounded the various bugle calls. An interesting address was delivered by Colonel Louis R. Stegman, whose gallantry in the War of the Rebellion is a matter of history.

MUSIC IN SMALL PARKS.

In the smaller parks the concerts were given in the new shelters. In Prospect Park the concerts occurred on Saturdays and Sundays, and in the smaller parks the concerts were given on Saturdays, save in City and Bushwick Parks, where they

were given on Sundays, in order that they might be enjoyed by the workingmen. Special concerts were given on July Fourth and on Labor Day.

The music in Prospect Park was provided by the Twenty-third and Thirteenth Regiment bands, led by Bandmasters Shannon and Mygrants respectively, and in the smaller parks



LISTENING TO THE MUSIC IN PROSPECT PARK.

by the Forty-seventh Regiment band, Louis Borjes directing; the Fourteenth Regiment band, Louis Conterno directing; and R. L. Halle's band.

THE SMALL PARKS.

Winthrop Park had many floral attractions added to it and the general conditions were much improved. A new feature introduced was sea sand, for the children to play in. It afforded endless amusement to the little ones and amply repaid the cost of its introduction and maintenance. Band concerts were given in this Park during the months of July and August.

City Park has been converted from a barren spot into an exceedingly attractive park, which is a great blessing to the poor people in the neighborhood in which it is located.

A KINDERGARTEN TRIED.

In addition to the beach sand provided for the children to play in, the experiment of an open-air kindergarten was tried. It proved to be very successful. In order to carry out the scheme, a tent was erected over a wooden platform, the cost of which was met by voluntary subscriptions, added to a sum appropriated by the Board of Aldermen. The teachers were trained kindergarten workers, employed by the managers of the City Mission, who suggested the kindergarten idea, and who did all in their power to make it a success.

HOW IT SUCCEEDED.

The Committee in charge of the work wrote as follows to the Commissioner concerning it when the season closed:

"In accordance with your kind permission a portion of City Park was set apart for the children's playground. A shady spot on the grass, on the Canton street side, was selected and enclosed by a wire fence. In the center of this enclosure the Committee erected a large tent of red and white canvas, covering a platform twenty feet square. Tables of the height and size of kindergarten tables were set up on two sides of the platform. Two kindergartners and a matron were engaged to take charge of the work, and on July 6th the playground was opened to the children. Over three hundred children gathered the first morning. Order was speedily secured by tactfully interesting the children at once in one of the popular street games.

"In every step that was taken the child himself was the point of departure. No song was sung, no game presented, no occupation given, that did not spring from the expressed desire of some child. Within three days' time the children were choosing, of their own accord, the kindergarten songs and games.

The favorite songs and games were those which inculcate patriotism. And the value of the playground in this important direction can be inferred from the fact that many nationalities were represented. There were always many Irish and Italian children, and a sprinkling of Germans and Swedes.

“Among the occupations which kept the children interested and developed their powers were the sewing cards, free-hand drawing, clay modeling, pasting, etc. Skipping the ropes and beanbags were a source of much pleasure. The little children, three years of age, of whom there were one day as many as ninety-three, played in the sand heap, strung beads, made paper chains, etc. Some definite instruction in sewing was given by a voluntary teacher to the older girls. The playground was open every week-day morning for a period of eight weeks, from July 6th to August 28th inclusive. The average attendance, in spite of the fact that there was an unusual amount of rain during a large part of that time, was about 175. Frequently the daily attendance ran up to 300. The influence upon the children was manifested in various ways. The older girls could be seen almost every afternoon gathering the younger children under the tent, and leading them in the songs and games learned during playground hours.

“The officials in charge of the Park, and many residents of the neighborhood, bore witness to the fact that the children were more orderly and law-abiding this summer than ever before, and recognized the playground as a factor in this improvement.

“Another potent factor was the Vacation School, carried on by the Brooks Vacation School Association in Public School No. 14, which faces City Park.

“The expense of the playground which amounted to about \$300, was met by voluntary contributions, and also by an appropriation of \$150 made by the Board of Aldermen.

“The Committee desire to record their judgment that the experiment of last summer has fully justified their expectations concerning the value of such work.

CITY PARK.



PLAYING IN THE SAND.

PLAYING BEAN BAG.



PLAYING RING ROSIE.



AMUSING LITTLE TOTS.



GAMES UNDER THE TENT.

OPEN AIR KINDERGARTEN SCENES.

“So far as we are aware, the City Park playground is the first one to have been established in Brooklyn. Other cities have for several years made similar provision for the children, either through private enterprise or through some one of the Municipal Departments. For ten years playgrounds have been opened during the summer in Boston, private individuals furnishing the funds, and the Board of Education granting the use of the school yards. In Philadelphia the work begun some years ago by philanthropic people was assumed, two years ago, by the Board of Education, the City Councils appropriating \$3,000 for the maintenance of playgrounds. In New York three or four playgrounds have been in operation for several years under the management of philanthropic organizations. The Committee hope that the work in Brooklyn may be extended next summer to meet the needs of other neighborhoods. We note with much pleasure the interest manifested in the playground both by the press and by the public.

“The Committee recognize, with much appreciation, the kind offices of yourself and your Department. Without your sympathy and co-operation it would have been impossible to carry on this work so satisfactory in its results.

“Respectfully yours,

“GAYLORD S. WHITE, <i>Chairman</i> ;	II. F. GUNNISON,
WM. H. FROTHINGHAM, <i>Secretary</i> ;	ALLAN MACNAUGHTAN,
A. C. BEDFORD, <i>Treasurer</i> ;	FRASER M. MOFFAT,
J. J. COLGAN,	CHAS. A. MURPHEY,

WM. I. NICHOLS,

“*Committee on Summer Playgrounds.*”

Sunday concerts were given in the Park during July and August.

Washington Park, or Fort Greene Park, as it has been called by an act of the Legislature passed last year, was kept in its usual attractive condition. Band concerts were given every Saturday afternoon during June, July and August, and they were greatly enjoyed.

THE TOMB OF THE MARTYRS.

The Tomb of the Martyrs still remains unmarked by any monument, neither the National Government nor the Daughters of the Revolution having succeeded in forwarding the movement to secure proper recognition of the brave deeds of these men, whose lives were given that a free nation might



RUSTIC ARBOR, PROSPECT PARK.

arise among the nations of the earth. While those who enjoy the heritage achieved through their brave endeavor and valor unto death deny them the simple recognition of a monumental shaft, those who are striving toward that end are performing a praiseworthy act in keeping public attention fixed upon the fact that the life of the Nation is in itself a monument demonstrating that these dead heroes did not live in vain and that

their death was not without reward. There is no doubt that in time a worthy shaft will be raised above the spot where the bones of those martyrs, gathered from the rude burial ground whereon they had been thrust, now rest.

Bedford Park, a pleasure ground, but three years old, has been wonderfully developed, and it now affords a most delightful playground for the children. The building in the Park is still occupied by the Brooklyn Institute of Arts and Sciences, the section of the new museum building recently constructed on the Eastern Parkway not being large enough to hold the valuable collections that have been housed here since the old Institute building was demolished to make way for the approach to the Brooklyn Bridge.

Red Hook Park, in the Twelfth Ward, was one of the most difficult to develop. Originally a sunken block, it was filled in and heaped up with iron slag, ashes and refuse of all kinds. During the past season the Park has been graded, a large quantity of fine top-soil spread upon it and a fence constructed about it. It is now in condition for planting in the spring.

Sunset Park still remains in its original shape. The landscape architects believe that the adjoining block should be purchased, as originally intended, and until that is done they do not believe that money should be expended on the Park. The City not being in a condition to spare the money for the additional block, it has been thought advisable to follow the advice of the landscape architects and wait a while longer before proceeding to develop the Park, which, in addition to other natural advantages, provides a magnificent view of the lower bay.

Bushwick Park has been greatly improved and is rapidly assuming the settled features of a long established playground. The new shelter was utilized by the musicians in giving concerts during the summer. The attendance at each concert was very large and the park was greatly enjoyed by the hundreds of little ones residing in the neighborhood.

CONNECTING THE PARKS.

Ridgewood Park, the terminus of the Eastern Parkway, and in which are located the three great storage reservoirs from which the City's water supply is drawn, has been given considerable attention. A drive has been constructed through it, connecting the Parkway with Jamaica avenue, the link connecting Ridgewood and Forest Parks. Walks have been provided for pedestrians. Granite steps have been constructed leading from the lower level of the Park to the broad walk about the reservoirs, used by pedestrians and bicyclists. Trees and shrubs have been planted, making the Park very attractive. Much more work would have been done in this Park, which by reason of its scenic attractions is one of the most valuable in the possession of the city, had it not been for the stoppage caused by the work of putting in the pass pipe designed to purify the City's water supply by the City Works Department; but the work that has been done makes it possible during the coming year to complete the general feature of the Park's design. It was my intention to construct, in conjunction with the City Works Department, a driveway along the west and north sides of the reservoir, to connect with a road through Cypress Hills Cemetery to Forest Park. This would have made an interesting drive, passing through the National Burying Ground, where sleep many of the brave defenders of the nation, past the policemen's plot and on through a quaint Quaker cemetery to the plaza of Forest Park. It had generally been understood that the Trustees of the Cypress Hills Cemetery Association would grant the right of way upon application, and therefore, after looking over the ground, I sent to them a communication, in which I said: "The Park Department desires to construct a road that will connect Ridgewood Park with Forest Park. The only way in which this can be done advantageously is by entering Cypress Hills Cemetery at Cypress avenue, and continuing across it to a road in Forest Park which was constructed last year. Through the kindness of

your President, Mr. James Rodwell, I obtained a map of the cemetery, and, guided by it, I found two roads, either of which would be admirably suited for our purpose. One is Highland way and the other is the lake road. These two roads really form a circular drive, and lead to within two hundred feet of the park land. All that would be necessary would be to cut through a piece of woodland about two hundred feet, and this



NEW SHELTER, TOMPKINS PARK.

would make the connection between the cemetery roads and the Forest Park road. What I would like would be to obtain the consent of the Cemetery Corporation to construct this connecting link, at the expense of the Park Department, and to have a general consent that the public, under park and cemetery regulations, could use the road. I believe that this consent would be mutually advantageous. It would enable the Park Department to easily connect its system of parks, and it would bring before the public, which would largely use this road, the

remarkable attractiveness of the Cypress Hills Cemetery as a place of sepulture."

The result of this communication was an interview with the Trustees, but unfortunately they could not be induced to give their consent, although their predecessors had verbally agreed with ex-Commissioner Squier to allow this plan to be put into execution. I have no doubt that in the near future a road upon the high ground will be obtained that will connect the two parks, thus saving the descent into Jamaica Avenue.

A NEW SHELTER.

Tompkins Park has been kept in its usually attractive condition, and the concerts given there during the Summer were greatly appreciated. A new shelter has been built in the Park, exceedingly attractive in design, and provided with all the modern sanitary conveniences.

City Hall Park, though diminutive in size, has been a most charming spot all through the season, its beautiful lawn, its fountain filled with magnificent aquatic plants and the various floral decorations having been admired by the thousands daily passing through it.

Carroll Park has had several minor improvements made in it, and its floral displays have been a source of constant pleasure to its numerous visitors.

Municipal Park has developed into a very attractive spot, although not destined to be continued as a park. It is a piece of land under the control of the Department of City Works, and was purchased by the City to provide room for a new Municipal Building. It was a dreary spot, and as the land was not required for the immediate erection of the new building, the Park Department, at the request of the City Works Department, graded the lot and planted grass-seed and a number of trees. Only three years have elapsed since this was done, and the spot, once worse than a desert, is now a charming resting-place for the weary.

EAST SIDE LANDS.

The East Side Lands have received considerable attention during the year. An issue of bonds gave the Department ten thousand dollars to expend upon the place. With this money an iron fence was constructed about it, a large portion of the land was graded, grass-seed was sown and bushes and trees



BUST OF WASHINGTON IRVING, PROSPECT PARK.

planted. A granite stairway was erected at the Flatbush avenue entrance. Taking advantage of the need of contractors who were working on the portion of the East Side Lands that had been sold, and who needed a dumping-ground, much earth was obtained free of cost that was brought in and dumped at places where it was needed in carrying out the plan of improvement.

EMPLOYMENT OF CONVICTS.

Considerable grading was done upon the land by convicts, under the direction of the Charities Commissioners. This was brought about by the fact that a number of convicts had become insane because of lack of occupation. Much agitation of the question followed, and finally on August 3d the Charities Commissioners sent to the Park Department the following resolution, which had been adopted by them :

WHEREAS, in consequence of the amended Constitution of the State, restricting the labor of convicts in state prisons and penitentiaries, this Board is unable to provide work for a large number of prisoners now confined in the Kings County Penitentiary; and

WHEREAS, this idleness is seriously detrimental to the health of many; and

WHEREAS, this Board is of the opinion that there is a vast amount of outdoor work to be done in the unfinished portions of our parks for which there is no appropriation of money, and further believing that our prisoners can safely be employed at such labor and that it could not conflict with nor restrict free labor, whether organized industries or otherwise; therefore

Resolved, That this Board represent to the Commissioner of Parks the serious condition of our prisoners for whom this Board has no employment, and tender to him the labor of all such without any charge to the Department of Parks, with the understanding that the place and character of work to be done shall be approved by this Board, and that the prisoners shall be under the control of our keepers while so employed, but that the general direction and planning of the work shall be under the charge of the Park Department.

The resolution was followed up by a visit from the Charities Commissioners, and after consultation it was arranged that the convicts should be put at work on the East Side Lands, under the direction and control of the Charities Department.

The employment of the convicts was objected to by the Knights of Labor, and in response to a written protest received from District Assembly No. 49, the Department explained its position in the following manner to the Secretary of the Order:



THE PAYNE MEMORIAL, PROSPECT PARK.

I am in receipt of your communication of September 3d, in relation to the employment of convicts in the public parks of Brooklyn. Your District Assembly is in error in believing that convicts are hired to work in the public parks. On the contrary,

all the work in the public parks is being done by honest labor, and will continue so to be done. The facts of the employment of convict labor are these: The Charities Department, a Board made up of two Democrats and one Republican, which demonstrates that there was no politics in their action, called public attention to the fact that a large number of convicts were becoming insane because of lack of work, and in a communication to the Park Department inquired if there was not a piece of waste land upon which these men might be put to work without interfering with the rights of honest labor. There was such a piece of land that had been waste for many years, known as the East Side Lands, upon which were a number of hills that could be dug down, thus providing exercise for the convicts. I notified the Charities Commissioners that if they wished to take their men on those lands I should not object. The men are not under the control of the Park Department; will not be paid in any manner by the Park Department, and do not in any way conflict with the rights of honest laborers, as the work these men are doing will not otherwise be done. The Park Department, in view of the hard times that have existed during the past few years, has employed as many men as it possibly could with the money at its disposal, and will continue so to do.

During the year the Department was requested by Troop C, N. G., S. N. Y., to grant them permission to use part of the East Side Lands as a site for an armory. The subject was taken into consideration, but as it met with much opposition, the request was not granted.

AN ARBORETUM.

The Legislature passed a bill which forever prohibits the erection of any building other than the Museum of Arts and Sciences, now in the course of construction. The law reads:

CHAPTER 509, LAWS OF 1897.

AN ACT TO PROVIDE FOR THE ESTABLISHMENT OF A BOTANIC GARDEN AND ARBORETUM ON PARK LANDS IN THE CITY OF BROOKLYN, AND FOR THE CARE OF THE SAME.

Accepted by the City.

Became a law May 18, 1897, with the approval of the Governor. Passed, three-fifths being present.

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

SECTION 1. The Park Commissioner of the City of Brooklyn is hereby authorized and required to set apart and appropriate all that portion of Prospect Park bounded north-erly by the Eastern Parkway, easterly by Washington avenue, southerly by the line formerly dividing the City of Brooklyn from the late town of Flatbush, and westerly by Flatbush avenue, excepting only such lands as have been reserved for the Prospect Hill reservoir, as have been leased to the Brooklyn Institute of Arts and Sciences, and as have been set apart and designated by the Mayor and Park Commissioner of the City of Brooklyn as a site for the Brooklyn Public Library, for the establishing and maintaining thereon of a botanic garden and arboretum for the collection and culture of plants, flowers, shrubs and trees, the advancement of botanical science and knowledge and the prosecution of original researches therein, and of kindred subjects; for affording instruction in the same, and for the prosecution and exhibition of ornamental and decorative horticulture and gardening, and for the entertainment, recreation and instruction of the people, and the said lands so set apart and appropriated shall be used for no other purposes than those authorized by this act.

SEC. 2. The said Park Commissioner, or his successor or successors, is hereby authorized and directed to cause said lands, bounded and described in section one of this act, to be laid out as a botanic garden and arboretum, and as a proper approach to the Museum building of the Brooklyn Institute of Arts and Sciences, by a competent landscape gardener, and on plans approved by the said Park Commissioner, or his successor or successors, and said proper approach to the Museum

building shall be subject to the approval of the Board of Trustees of said Institute. And means for the proper construction, planting, equipment and maintenance of said garden and arboretum shall be provided in the same manner as for the support and maintenance of other park lands in the City of Brooklyn, or its successor.

SEC. 3. All acts, or parts of acts, inconsistent with this act, are hereby repealed.

SEC. 4. This act shall take effect immediately.

THE PARADE GROUND.

The Parade Ground was kept in its usual excellent condition, and was used by thousands during the season in the enjoyment of games of base-ball, lacrosse, cricket, foot-ball and similar games. In September there were a series of polo games, lasting through two weeks, which attracted vast crowds. The clubs which participated in the games were the Myopia, Meadowbrook and Rockaway. The contests were exciting, and, in the main, well played, affording great pleasure to the public, who were freely admitted to the grounds.

Troop C occupied a portion of the Parade Ground on a number of occasions for practice drills, and the annual inspection was also held there.

GORE PARKS.

Cooper Gore Park, made up of a piece of land given to the city by the late Peter Cooper, and an adjoining parcel bought a year ago by my predecessor, was graded, fenced in and made quite attractive. This improvement was greatly appreciated by the people in the neighborhood, who had long petitioned for it.

The other gore parks were maintained in their usual condition, and in addition the Department assisted in beautifying the fountains at each end of Bedford avenue by providing and caring for the floral ornamentation.

REPORT OF THE
WRECKED BY THE SEA.

The storms of last winter were exceedingly disastrous to Coney Island Park and the Concourse. All of the attempts made to save the beach from Manhattan to the western part of the Concourse lands have proven unavailing. The heavy bulwarks, formed of piling, iron and stone, were taken up by the waves and tossed about like stacks of straw in a gale of wind. All the ingenuity of engineers has been exercised in vain. The last storm of the winter season swept one of the shelters at the end of the Ocean Parkway out to sea, wrecked the largest shelter and partially demolished the third. The Department decided to save the two shelters left standing. The largest, once a hundred feet from the shore, was completely surrounded by the ocean. The work of moving it inland was undertaken by the firm which won national repute by saving the Brighton Beach Hotel. They succeeded in getting it inland just as another severe storm broke upon the beach, and had it not been for



THE CYCLE SHELTER, CONEY ISLAND.



CONCOURSE BEACH, CONEY ISLAND.

their promptness it would have been utterly destroyed and carried out to sea. This large open shelter was carried to the westerly end of the park land and located two hundred feet back from the water, where it was thought the ocean would certainly not reach it; but in an October storm, the seas rolled in upon it, cutting a great channel in the beach, and for a time it was thought the ocean would claim the building. Happily the storm subsided before serious damage was done. This shelter has been a blessing to the poor mothers and their children during the summer, providing them with a cool, shady place to enjoy the ocean breezes and views.

The second shelter was moved to the north of the Concourse and provided with a wide veranda for the use of bicyclists. This is a closed shelter, where refreshments are served, and is kept open through the winter.

The October storm did a great deal of damage to the Concourse, ripping up the asphalt pavement, besides invading the bicycle paths and drives.

During the summer the Common Council passed a resolution providing \$30,000 for a walk on the beach. The resolution read as follows:

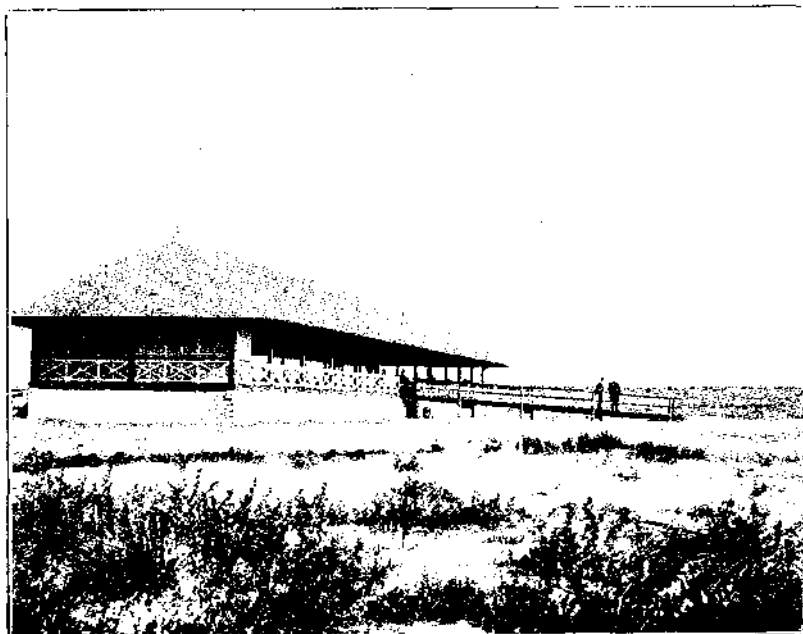
Resolved, That the Commissioner of the Department of Parks be, and he hereby is, authorized and directed to cause an elevated esplanade, to be erected on the ocean front between Brighton and West Brighton Beaches, Coney Island, in place of the former concourse, a portion of which has been swept away by the sea, and said improvement to be made an expense not to exceed the sum of thirty thousand dollars (\$30,000). And the Comptroller be, and he hereby is, authorized and directed to transfer from any unexpended balances the sum of thirty thousand dollars (\$30,000) to the credit of the Park Department, the said amount to be expended by the Commissioner of Parks for the improvements herein referred to.

The Comptroller could not find available funds for this purpose, so the work was not done. It is fortunate that he could not, for had he done so the walk would have been constructed, and in October, after the storm, it would not have been found.

The Department endeavored to secure a portion of the common lands fund of the town of Gravesend with which to repair the asphalt pavement connecting the Ocean Parkway with West Brighton, but was unable to do so by reason of the law providing that streets in the Town of Gravesend only should be repaired. As the concourse, although located in the Town of Gravesend, was owned by the City of Brooklyn, it was held that the money could not be legally expended upon it; so streets which were not of much public use were improved, while this main thoroughfare was neglected. Its repair should be attended to early in the coming spring.

THE PARKWAYS.

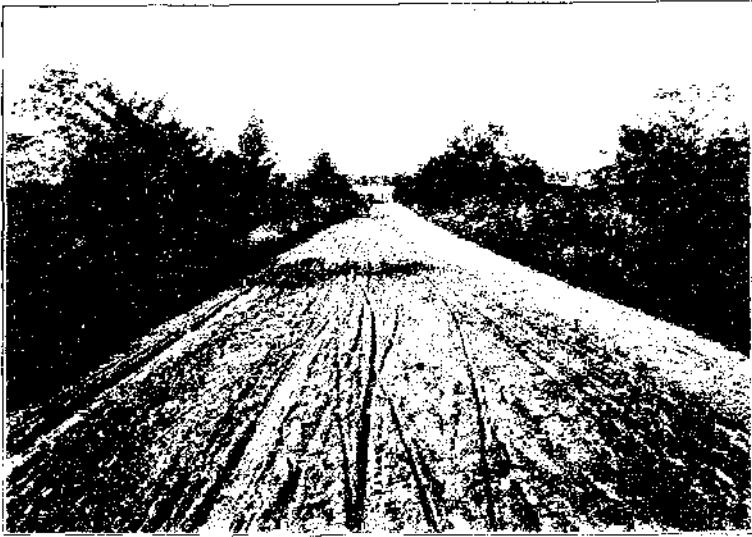
The improvement of the Parkways was commenced as soon as the weather permitted. Plans were prepared for the macadamizing of the main drive of the Ocean Parkway, from the rear entrance of Prospect Park to Bay Parkway (formerly Twenty-second avenue), and the contract was awarded. An



THE OPEN SHELTER, CONEY ISLAND.

additional contract was made for the construction of a Kosmo-concrete gutter on both sides of this drive. Before this work was begun, the Comptroller notified the Department that the City's finances were in such shape that he feared it would be necessary to deprive the various departments of about half the amount appropriated by the Board of Estimate for maintenance and improvements. Consequently, he declined to certify contracts, and all work was brought to a standstill for nearly two months.

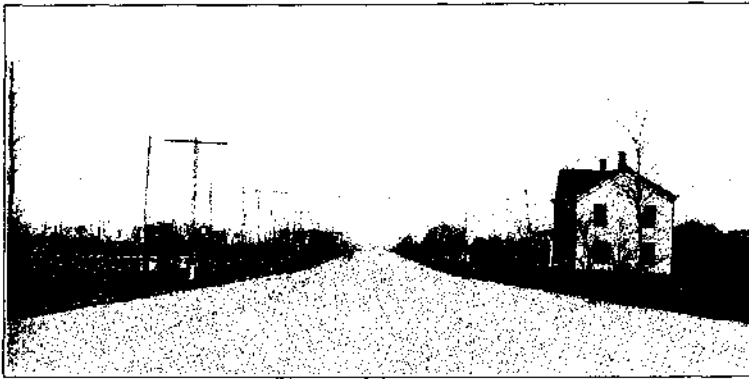
Then relief was obtained by the Comptroller and the work of improvement was authorized. The contractors having in hand the macadamizing of the main drive failed to perform the work in accordance with the terms of their contract, and almost at the beginning of the riding and driving season the Department found a torn-up road on its hands with little prospect of being able to make it rideable. It was thereupon decided to break the existing contract, which action led to a lawsuit, which was



A LESSON IN ROADS, BAY PARKWAY IN 1895.

decided in favor of the Department. New specifications of a simpler character were prepared, and the work was again submitted to competition. The lowest bidder received the contract and with commendable celerity began and completed the work in a very satisfactory manner, so that the riders and drivers were enabled to enjoy the Parkway during the fall season.

The work of improving the west drive of the Ocean Parkway was taken up from Kings Highway to Coney Island and a fine macadam road was built, thus providing a driveway for



BAY PARKWAY, 1907.

the use of business wagons and trucks from Prospect Park to Coney Island, available at all seasons of the year. This improvement has long been desired, because of the fact that all the roads leading to the Island that could be used by business vehicles in the winter and spring have been virtually impassable on account of the mud. The use of the main drive by these vehicles damaged it greatly in the past, which seriously annoyed pleasure drivers. Now that the west drive has been paved, it will be very much easier to keep the main drive in proper condition throughout its entire length.

IMPROVING THE LIGHT.

The Ocean Parkway, under an old contract, has been lighted by electricity. The system in use when I became Park Commissioner was the overhead wire scheme. The wires not only disfigured the Parkway, but caused great damage to the trees. In many instances great branches were burned off. This was due to the rubbing of the wires against the trees during wind storms, which wore away the insulation and turned the electrical current into the branches. To save the trees it became necessary to secure an underground service, and the contract

was amended so as to provide for the placing of the wires in conduits. A special arrangement was made so that all wires belonging to the Fire Department could be placed in the conduits without cost to the City. The old wooden lamps were replaced by iron ones, and the change is a great improvement on the old style.

Bay Parkway (formerly Twenty-second avenue) was maintained in excellent condition throughout the season, and stands at the head of any road of its kind on Long Island, as indeed do all the other roads constructed by this Department.

NEW PARKWAY.

Fourth avenue, from its beginning at Flatbush avenue, to Sixty-seventh street, was made a Parkway and put in charge of the Department last year by legislative action, as was also Union street, from the Prospect Park entrance to Fourth avenue. The Department opposed this act, upon the ground that it was not in a position to properly care for the streets mentioned, while the City Works Department was properly organized for such work and should be left in possession of them. It was finally agreed that the Park Department should be given control of the streets, but their care and maintenance should continue in the City Works Department. When the bill became a law, it was discovered that some one had eliminated the amendment, and the whole burden, save policing, had been put upon the Park Department. This Department declined to look after the two thoroughfares, not having the necessary money to do so; and the Mayor, having his attention called to the way in which the act had been tampered with, arranged that the expense of maintaining the streets should be borne by the Department of City Works. There is no act that the Legislature passed last year that requires amendment earlier than this. These two streets are built up, require constant attention in the way of repairs, cleaning, etc., and the Public Works Department is the only Department organized to meet the difficulties that will constantly arise.

THE CITY MONEY.

HOW IT WAS EXPENDED DURING THE YEAR.

There was appropriated for the maintenance of the Park Department the sum of \$650,579.69, to which was added by the Board of Aldermen the sum of \$14,156.49 for the paving of Prospect Park West from Third to Fourteenth street, \$250 for a kindergarten in City Park, \$250 for a Grand Army concert



LILY POND, END VIEW.

in Prospect Park and \$7,753.98 for use in road work, making a total of \$672,990.16. Of this was expended \$671,674.93, leaving a balance of \$1,315.23 to be applied to the payment of bills that had not yet been presented.

The only bond issue for the Park Department was one of ten thousand dollars under the law of 1895, which authorized an issue of \$25,000. This money was expended in fencing and

planting the East Side Lands. In the Park Improvement Fund was a balance of \$70,109.92, and upon outstanding contracts was paid \$52,450.18, leaving a balance of \$17,659.74 with which to adjust other outstanding contracts for decorative work. In the Park Site Improvement Fund was a balance of \$1,238.27, which remains as it was at the beginning of the year.

The \$27,000 balance of the \$30,000 appropriated for a statue of General H. W. Slocum remains as it was at the beginning of the year, Mr. MacMonnies not having advanced the work. Of the \$104,706.96 to the credit of the Museum of Arts and Sciences Fund \$102,867.04 was expended in settlement of outstanding contracts, leaving a balance of \$1,839.92. Of the \$73,850.21 to the credit of the Memorial Arch \$10,733.64 was expended, being \$63,116.57 for contracts still running.

The Park Purchase Fund had a balance of \$879.53, which remains the same.

There was a balance of \$17,813.50 in the fund for the improvement of Fort Hamilton and Twenty-second avenue which was paid to the contractors in settlement of their accounts under contracts of the previous year.



THE LILY POND.

DETAILS OF EXPENDITURES.

CITY DEPARTMENT OF PARKS.

The following is a statement of the expenditures by the City Department of Parks during the year 1897:

1897.

Jan.	5—D. M. Resseguie, lumber.....	\$428 77
	Harris & Maguire, hauling steam roller.....	19 50
	J. Henry Haggerty, oil.....	15 40
	John F. Maillie, ashes for walks.....	180 18
	C. H. Tiebout & Sons, steel, etc.....	45 38
	Charles J. Dunne & Bro., meat for animals.....	15 30
	J. W. Birkett M'fg Co., two pipe cutters.....	5 40
	John Gilkinson, top soil.....	57 50
	Christian & Clarke, portland cement.....	47 20
	Flatbush Gas Co., lighting Ocean Parkway.....	789 88
	N. Y. & N. J. Telephone Co., telephone service.....	149 90
	Edison Electric Ill. Co., electric light.....	148 80
	Citizens' Electric Ill. Co., electric light.....	443 75
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.....	205 33
	R. H. Smith, Paymaster, office disbursements.....	101 42
	M. Reynolds Plumbers' Supply Co., plumbing materials.....	101 36
	William Cox, slipping horses.....	30 00
	J. Frank Borland, repairs to bicycle.....	26 50
	Thomas Monahan, work on Fort Hamilton avenue.....	7,827 58
	George W. Melvin, concrete work.....	140 00
12—	C. W. Keenan, paints.....	218 27
	John S. Brooks, heating apparatus.....	177 50
	Nathan Lane's Sons, stationery.....	54 78
	Kenyon & Newton, sashes.....	13 25
	George W. Miller & Co., toilet paper.....	6 00
	John H. Shults Co., bread for animals.....	12 00
	A. D. Matthews & Sons, office furniture.....	6 96
	C. H. Tiebout & Sons, oil.....	3 55
	Frederick W. Starr, lumber.....	9 00
	H. A. Summers & Co., stationery.....	24 55
	Frederick MacMonnies, fifth payment on Quadriga.....	10,000 00
	Stephen M. Randall, lavatory, Prospect Park.....	1,000 00
	Edwin C. Swezey, professional services.....	781 20
	P. J. Carlin & Co., thirteenth payment on Museum of Arts and Sciences.....	4,505 00
	Henry Kimmick, cleaning Twenty-sixth Ward streets.....	132 00
19—	William F. Wall Rope Co., rope.....	4 90
	Nelson Bros., coal.....	458 92
	A. V. Benoit, stationery for engineers.....	45 59

Jan.	19—H. Aschenbach, harness supplies	\$196 27
	Thomas Monahan & Sons, paving.....	1,460 00
	John F. Maillie, use of steam roller.....	60 00
	William Berri's Sons, mats.....	12 00
	Goodyear's India Rubber Glove Mfg. Co., rubber boots.....	4 05
	D. W. Binns, ice planes.....	19 40
	Studebaker Bros. Mfg. Co., wagons	220 00
	Frederick W. Starr, lumber.....	150 39
	M. Reynolds Plumbers' Supply Co., plumbing materials....	123 60
	Thomas F. Attix, electric work.....	313 00
	26—Brooklyn Union Gas Co., gas	107 40
	F. Donovan & Son, feed	460 91
	Adolph A. Sachs, plants	200 00
	Christian & Clarke, cement.....	63 00
	P. J. Cannon, lanterns.....	23 83
	William Van Dine, carrots	25 00
	William Marlow, spades.....	4 75
	Stringer & Schumann, wire netting.....	18 00
	James Dean, plants	39 50
	Joseph A. Manda, peat and moss	27 00
	Coney Island Fuel Gas and Light Co., lighting Concourse..	84 00
	George M. Hebard, photographs for Report.....	90 00
	J. Higgins, plants.....	20 00
	Edison Electric Ill. Co., electric light	7 00
	N. Langler & Sons, whiffletrees, etc.....	25 75
	Emma Noel, cleaning Farm House	35 00
	J. E. Smith, Secretary, disbursements.....	35 25
Feb.	2—J. Henry Haggerty, oil.....	13 77
	Goodyear's India Rubber Glove Mfg. Co., rubber boots.....	63 34
	James Campbell, charcoal.....	6 00
	Studebaker Bros. Mfg. Co., wagons, etc	555 00
	Calvin Tomkins, bluestone	799 80
	W. A. Manda, plants.....	117 00
	John S. Brooks, repairs to furnace.....	184 50
	N. Langler & Sons, steel, etc.....	33 71
	John F. Maillie, top soil, etc.....	339 82
	William Martin, repairs to roof	56 98
	J. S. Woodhouse, grates	11 60
	I. P. Sutherland, glass	3 05
	George B. Goodwin & Bro., coal	5 25
	John Scott, plants	40 00
	Watson & Pittinger, lumber.....	65 01
	R. H. Smith, Paymaster's disbursements	145 82
	4—P. J. Carlin & Co., fourteenth payment on Museum building.	8,500 00
	George A. W. Brown & Co., coal.....	28 00
	Scott, Alexander & Talbot, insurance.....	15 00
	9—John F. Maillie, removing fountain, etc.....	802 38

Feb. 9—	W. F. Doyle, D. V. S., professional services	\$80 00
	Frederick W. Starr, lumber	71 40
	Pioneer Iron Works, repairs.....	27 75
	James L. Robertson & Sons, repairs at well	59 40
	Frederick Loeser & Co., fixtures.....	83 76
	H. Aschenbach, harness supplies	7 58
	William Borngraeber, sharpening picks.....	2 80
	John H. Shults Co., bread for animals.....	10 00
	Lawrence & Smith, harness oil.....	3 75
	C. J. Dunne & Bro., meat for animals	18 00
	George M. Hebard, photographs for Report.....	18 00
	Nelson Bros., coal.....	424 86
	F. Donovan & Son, feed	424 46
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.	205 33
	N. Y. & N. J. Telephone Co., telephone service.....	37 50
	Kenyon & Newton, lumber.....	1 20
	P. J. Cannon, lanterns	27 81
	Christian & Clarke, cement.....	47 70
	Flatbush Gas Co., lighting Ocean Parkway.....	789 88
16—	J. W. Van Ostrand, top soil.....	1,104 00
	P. J. Cannon, chimneys.....	4 61
	Knickerbocker Rubber & Supply Co., plumbago	4 40
	Goodyear's India Rubber Glove Mfg. Co., rubber boots.....	17 85
	C. D. Willits, coal	5 00
	George B. Goodwin & Bro., coal	5 25
	J. F. Conway, M. D., rent of tool room.....	7 50
	N. Langler & Sons, iron plate.....	1 00
	The Forster Mfg. Co., couplings.....	148 80
	Nathan Lane's Sons, stationery	77 20
	Louis D. Beck, agent, Roa Hook gravel.....	600 00
	George Freeman, foundations for boiler.....	345 00
	C. H. Tiebout & Sons, tools, etc.....	77 08
	P. McLaughlin, repairing tools	4 75
23—	John F. Maillie, Plaza improvement	1,140 00
	Buck & Mehlbach, saddle, etc.....	30 40
	Charles Schwalbach, bicycle repairs.....	6 00
	Watson & Pittinger, lumber.....	30 00
	H. A. Summers & Co., stationery.....	46 87
	Frederick W. Starr, lumber	180 00
	Charles D. Durkee & Co., supplies.....	17 85
	C. H. Tiebout & Sons, snow shovels.....	12 38
	Henry R. Worthington, valve rods.....	7 65
March 2—	R. H. Smith, Paymaster, disbursements.....	134 88
	William Burke, buggy top.....	29 00
	John S. Brooks, repairs at Boat House	41 33
	J. Henry Haggerty, oil.....	13 82
	I. P. Sutherland, glass.....	12 20

March 2—	Goodyear's India Rubber Glove Mfg. Co., rubber boots.....	\$2 77
	Citizens' Electric Ill. Co., electric light.....	362 00
	Edison Electric Ill. Co., electric light.....	234 19
	The Brooklyn Union Gas Co., gas.....	29 00
	Pioneer Iron Works, repairs to boiler.....	276 01
	Diamond Broom Co., brooms.....	13 00
	William S. Van Dine, carrots.....	25 00
	A. V. Benoit, blue print paper.....	2 00
9—	C. W. Keenan, white lead.....	58 00
	F. Donovan & Son, hay, etc.....	311 39
	Flatbush Gas Co., lighting Ocean Parkway.....	713 44
	J. F. Conway, M.D., rent, Lincoln Terrace.....	7 50
	Nelson Bros., coal.....	163 80
	N. Y. & N. J. Telephone Co., telephone service.....	37 50
	Edison Electric Ill. Co., electric light.....	209 64
	Citizens' Electric Ill. Co., electric light.....	302 40
	Nelson Bros., coal.....	206 10
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.....	225 75
	Frank G. Blanchard, repairs to electric lights.....	38 00
	Henry McShane Mfg. Co., safety valve.....	1 75
	Christian & Clarke, laths.....	7 47
	Leonard & Ellis, oil.....	30 60
	Thomas Ineson, algæ jell.....	35 50
	A. D. Matthews & Sons, looking glasses.....	5 88
	James Campbell, charcoal.....	6 00
16—	Schluchner Bros., fuse, etc.....	6 50
	Charles Butehorn, top soil.....	350 00
	C. H. Tiebout & Sons, hardware supplies.....	39 20
	Goodyear's India Rubber Glove Mfg. Co., rubber hose.....	370 00
	John F. Maillie, laying walks, top soil, etc.....	972 48
	D. M. Resseguie, lumber.....	97 65
	George W. Millar & Co., toilet paper.....	6 00
	The John H. Shults Co., bread for animals.....	10 00
	Charles J. Dunne & Bro., meat for animals.....	16 80
	A. D. Matthews & Sons, looking glass.....	98
	J. S. Woodhouse, lawn mowers.....	323 40
	Frederick W. Starr, lumber.....	65 00
	Stevenson & Marsters, Police badges.....	15 00
	West Disinfecting Co., disinfectant.....	52 00
23—	McKim, Mead & White, Architects, professional services, Museum building.....	986 38
	McKim, Mead & White, Architects, professional services, Memorial Arch.....	837 22
	F. E. McAllister & Co., flower seeds.....	1 40
	H. R. Worthington, supplies for well.....	209 95
	George W. Millar & Co., toilet paper.....	5 10
	Thomas O'Hara, top soil.....	150 00

March	23—David Dahlman, two horses.....	\$375 00
	J. S. Woodhouse, rakes	17 40
	Watson & Pittinger, whitewood	57 85
	Frederick W. Starr, lumber	11 50
30—	The Wilson & Baillie Mfg. Co., brick paving.....	175 00
	John F. Maillie, limestone, etc.....	365 80
	Christian & Clarke, cement	45 60
	Swan & Finch Co., oil	6 50
	E. Frank Coe Company, fertilizer.....	62 00
	J. Henry Haggerty, oil	13 82
	Peter Henderson & Co., grass seed, etc	235 25
	J. B. Robertson, pheasants	20 00
	Calvin Tomkins, bluestone	217 00
	William E. Hallock, dumping ground.....	25 00
	Frederick W. Starr, lumber	28 30
	G. F. Stringer & Co., gates.....	325 10
	Calvin Tomkins, bluestone	217 00
	J. F. Conway, M. D., rent of tool room	7 50
	Charles W. Bligh, grass seed	152 50
	John F. Maillie, building paths, etc.....	1,581 20
	R. H. Smith, Paymaster, disbursements	118 56
	Parfitt Bros., Architects, professional services	207 50
	P. J. Carlin & Co., work on Museum building	16,225 30
	W. F. Doyle, D. V. S., professional services.....	72 00
	Dayton Bicycle Co., bicycles for police.....	300 00
	Edison Electric Illuminating Co., electric light.....	209 58
	Citizens' Electric Illuminating Co., electric light.....	334 80
	N. Y. & N. J. Telephone Co., telephone service	143 20
	F. Donovan & Son, feed	299 90
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park..	269 16
	Nathan Lane's Sons, stationery.....	32 00
	F. E. McAllister Co., plants.....	25 35
April	6—James L. Robertson & Sons, barrows, etc.....	29 58
	C. D. Willits, coal	5 00
	William G. Longmire, trees for rustic work	12 00
	The Industrial Home for the Blind, brooms.....	14 00
	H. A. Summers & Co., stationery.....	57 40
	Henry A. Willis, hardware.....	222 23
	Peter Lauckhardt, collection cases for Museum building	2,460 00
13—	Samuel C. Moon, trees and shrubs.....	453 15
	C. H. Tiebout & Sons, hardware supplies	157 04
	H. Aschenbach, harness supplies.....	71 15
	James Dean, azaleas	78 00
	C. W. Keenan, varnish.....	8 35
	Thomas F. Attix, electric wiring	115 00
	Nelson Bros., coal	306 36
	Schluchtner Bros., shovels	73 19

April 13—Estate of W. G. Peirson, cement pipe.....	\$77 57
Kenyon & Newton, lumber.....	38 40
Flatbush Gas Co., lighting Ocean Parkway.....	789 88
David Brooks, ashes for walks.....	300 15
Thomas O'Hara, cedar trees.....	20 00
New York Electric Equipment Company, globes for lamps at arch.....	50 00
William Churchill Oastler, repairing steam roller.....	680 00
Harris & Maguire, trap rock and gravel.....	2,166 30
Ellwanger & Barry, roses.....	46 83
Harden Bros., trucking trees.....	68 00
Joseph A. Manda, moss and peat.....	22 50
Charles W. Bligh, grass seed.....	260 50
Stephen M. Randall, chimney pots.....	15 00
Stephen M. Randall, final payment on Shelter.....	1,650 00
20—Harris & Maguire, work on Eastern Parkway.....	490 50
John F. Maillie, top soil and path work.....	888 43
Washington Buckley, top soil.....	377 40
Estate of G. W. Peirson, cement pipe.....	65 21
Christian & Clarke, lime and cement.....	64 10
Schluchtnr Bros., brooms and hose.....	9 00
Moller & Schumann, varnish.....	4 25
Peter Henderson & Co., grass seed.....	221 50
Michael McGrath, sodding.....	30 00
J. S. Woodhouse, harrow.....	25 75
Mrs. Peter Stromberger, leaf baskets.....	45 00
Peter Henderson & Co., seeds.....	6 87
George W. Millar & Co., toilet paper.....	12 00
Frederick W. Starr, lumber.....	78 30
George M. Eddy & Co., steel tape.....	10 00
27—Cheshire Improvement Co., Ltd., one horse.....	130 00
William Martin, repairing roof.....	747 00
Peter Henderson & Co., trowels, etc.....	29 50
Havens Medical Co., horse liniment.....	5 00
James L. Robertson & Sons, wheelbarrows.....	7 50
Goodyear's India Rubber Glove Mfg. Co., rubber hose.....	133 00
A. M. Stein & Co., one horse.....	160 00
H. A. Summers & Co., stationery, etc.....	97 75
Stevenson & Marsters, stationery.....	2 45
Frederick W. Starr, lumber.....	132 00
Peter Lauckhardt, collection cases for Museum building.....	1,170 00
May 4—Brooklyn Daily Eagle, printing and binding Report for 1896.....	1,160 15
John F. Maillie, path work, top soil, etc.....	2,805 85
H. P. Campbell, sponges.....	11 20
Charles Butehorn, top soil.....	203 52
F. V. Lindon, repairing and winding clocks.....	26 00
The John H. Shults Co., bread for animals.....	11 00

May	4—Goodyear's India Rubber Glove Mfg. Co., rubber boots....	\$2 14
	The Diamond Broom Co., brooms.....	13 00
	Thomas McKinney, manure.....	10 00
	Flatbush Water Works Co., water.....	190 04
	Thomas Dunne, meat for animals.....	18 60
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park	269 16
	Henry A. Willis, hardware.....	186 52
	Calvin Tomkins, bluestone.....	419 00
	Charles H. Reynolds & Sons, coal.....	5 15
	F. Donovan & Son, feed.....	374 94
	J. Henry Haggerty, oil.....	13 86
	R. H. Smith, Paymaster, disbursements.....	173 07
	Peter Luckhardt, collection cases for Museum building....	1,449 00
11—	E. F. Caldwell, Museum fixtures.....	875 35
	Hickey Bros., top soil.....	73 80
	Reliance Oil Works, oil.....	19 38
	Robert H. Taylor, milk for animals.....	3 12
	Goodyear India Rubber Glove Mfg. Co., rubber boots.....	3 21
	J. S. Woodhouse, harrow, etc.....	17 87
	Henry A. Willis, hardware.....	119 79
	Citizens' Electric Ill. Co., electric light.....	372 00
	John M. Bulwinkle, postage stamps, etc.....	10 10
	C. W. Keenan, oil.....	33 21
	D. W. Binns, sewer beads.....	333 00
	Charles Schwicker, cleaning Twenty-sixth Ward streets....	270 00
	Calvin Tomkins, bluestone.....	440 00
	Thomas Dunne, meat for animals.....	15 24
	John Condon, plants.....	108 00
	Gilbert & Bennett Mfg. Co., tree-box wire.....	54 00
	J. F. Conway, M. D., rent of tool room.....	7 50
	W. A. Manda, plants.....	445 50
	A. V. Benoit, surveyor's instruments.....	27 00
	A. D. Matthews & Sons, furnishings for shelters.....	4 40
	Charles W. Bligh, grass seed.....	367 50
	Schluchtner Bros., brooms, etc.....	2 50
	Thomas Monahan & Sons, cleaning streets.....	350 00
	Edison Electric Ill. Co., electric light.....	144 00
	Thomas F. Fox, services.....	35 00
	C. D. Willits, coal.....	5 00
	Charles Schwalbach, repairs to bicycle.....	6 00
	The John H. Schults Co., bread for animals.....	10 00
	Flatbush Gas Company, lighting Ocean Parkway.....	764 40
	The Brooklyn Union Gas Company, gas.....	104 10
	Nelson Bros., coal.....	398 13
	Estate of W. G. Peirson, cement pipe.....	304 65
	Frederick W. Starr, lumber.....	125 32
	H. Aschenbach, harness supplies.....	29 50

May	11—	C. H. Tiebout & Sons, hardware supplies.....	\$180 14
		John F. Maillie, path work and top soil.....	2,947 99
		The Rogers Iron Co., fence.....	887 50
		Harris & Maguire, trap rock and gravel.....	2,823 70
		Brooklyn Heights Railroad Co., services.....	20 00
		Michael J. Dady, trap rock.....	1,021 07
	18—	Charles Butehorn, top soil.....	36 96
		Goodyear India Rubber Glove Mfg. Co., hose.....	133 00
		Studebaker Bros. Mfg. Co., sprinkler attachments.....	225 00
		Abraham & Straus chairs.....	8 40
		John Condon, roses.....	237 50
		N. W. Godfrey, grit.....	4 50
		F. Wegner, trapping moles.....	100 00
		West Disinfecting Co., disinfectant.....	54 00
		Schluchtner Bros., brooms.....	6 00
		Edison Electric Ill. Co., electric light.....	64 84
		Brooklyn Daily Eagle, envelopes.....	32 75
		Dayton Bicycle Co., bicycles.....	100 00
		N. Y. & N. J. Telephone Co., telephone service.....	37 50
		Louis D. Beck, Agent, Roa Hook gravel.....	705 40
		W. F. Doyle, D. V. S., professional services.....	38 00
		C. H. Tiebout & Sons, blacksmiths' hardware.....	119 86
		John F. Maillie, path work.....	867 02
		Charles Schwicker, watering streets.....	198 00
	25—	James Dean, plants.....	174 50
		A. V. Benoit, engineers' supplies.....	13 80
		H. Aschenbach, harness supplies.....	8 18
		W. L. Stokes, cinders for walks.....	30 40
		National Paint Works, paint.....	108 00
		Manning, Maxwell & Moore, pipe cutter, etc.....	66 20
		W. S. Mygrants, music.....	176 00
		John F. Warth, rattan street sweeper.....	40 00
		James Campbell, charcoal.....	6 00
		John F. Maillie, cleaning streets, etc.....	600 78
		George M. Eddy & Co., tape lines.....	20 67
		Christian & Clarke, cement.....	45 60
		Studebaker Bros. Mfg Co., sprinkler.....	350 00
		The Rogers Iron Co., fence.....	960 25
		N. Schneider & Sons, walks at Museum building.....	1,171 28
		John F. Maillie, road at Museum building.....	465 00
		B. C. Miller & Sons, moving Coney Island Shelter.....	1,050 00
		John F. Maillie, paths at Museum building.....	100 00
		John F. Maillie, paths on Eastern Parkway.....	706 56
		Harris & Maguire, top soil.....	565 00
June	2—	John H. Duncan, Architect, professional services.....	733 64
		Charles Schwicker, watering streets.....	228 00
		The Diamond Broom Co., brooms.....	9 75

June 2—Flatbush Gas Company, lighting Ocean Parkway.....	\$789 88
Edison Electric Ill. Co., electric light.....	54 42
George Eiselstein, digging ditch.....	22 00
Christian & Clarke, brick.....	20 25
John Davies & Sons, posts.....	28 50
The Hobby & Doody Co., cement.....	54 91
Harden Bros., trucking trees.....	142 20
Munkenbeck Bros., oil feeder.....	3 32
Frederick W. Starr, lumber.....	25 00
Harris & Maguire, work at Lincoln Terrace.....	219 24
GINNA & CO., signs.....	61 20
H. Aschenbach, harness supplies.....	25 50
A. D. Matthews & Sons, flags, etc.....	70 80
Munkenbeck Bros., engine supplies.....	13 57
A. V. Benoit, engineers' supplies.....	16 90
John F. Maillie, top soil, trap rock, etc.....	1,658 07
John F. Maillie, work for Museum building.....	347 50
W. L. Stokes, ashes for walks.....	37 60
R. H. Smith, Paymaster, disbursements.....	201 52
Registrar of Arrears, assessment for repaving Ninth avenue, 14, 164	70
4—W. & T. Lamb, final payment on bronze lamps at Arch.....	1,049 20
W. & T. Lamb, final payment on Plaza entrance.....	16,013 20
8—Buck & Mehlbach, bits.....	11 20
N. Y. & N. J. Telephone Co., telephone service.....	37 50
Edison Electric Ill. Co., electric light.....	148 80
Flatbush Water Works Co., water.....	283 34
J. S. Woodhouse, mower, etc.....	22 03
N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.....	269 16
H. A. Summers & Co., stationery.....	89 53
C. W. Keenan, white lead, etc.....	98 25
The Wilson & Baillie Mfg. Co., first payment on electric fountain.....	1,000 00
The Rogers Iron Co., fence.....	789 75
F. Donovan & Son, feed.....	393 05
Frederick W. Kelsey, plants.....	1,889 43
Louis D. Beck, agent, Roa Hook gravel.....	1,159 20
W. F. Doyle, D. V. S., professional services.....	61 00
N. Ryan, white sand.....	32 00
John F. Maillie, ashes for walks.....	58 50
Nathan Lane's Sons, time ledger.....	11 50
I. P. Frink, reflectors for Museum.....	24 75
John A. Scollay, cleaning lily ponds.....	6 50
D. W. Binns, scraper, etc.....	34 00
The John H. Shults Co., bread for animals.....	10 00
Robert H. Taylor, milk for animals.....	3 72
Studebaker Bros. Mfg. Co., sprinkler attachments.....	300 00
Abraham & Straus, supplies.....	16 31

June 8—	Estate of W. G. Peirson, cement pipe.....	\$21 74
	D. M. Resseguie, lumber.....	176 60
	Henry A. Dreer, plants.....	40 00
	Charles J. Dunne & Bro., meat for animals.....	14 88
	H. Aschenbach, lap robes.....	19 50
	William L. Stokes, ashes for walks.....	90 00
	Nelson Bros., coal.....	283 96
	Thomas Monahan & Sons, watering streets.....	387 50
	John F. Maillie, path work.....	936 56
	John F. Maillie, top soil for Museum.....	200 00
15—	Schiuchtner Bros., scythe handles.....	5 78
	C. H. Tiebout & Sons, hardware supplies.....	197 94
	Harris & Maguire, repairs on Eastern Parkway.....	3,425 26
	Harris & Maguire, sewer pipe.....	36 75
	Fiss, Doerr & Carroll Horse Co., one horse.....	175 00
	F. E. Brandis' Sons & Co., transit, etc.....	260 00
	Charles W. Bligh, grass seed.....	367 50
	F. Wegner, trapping moles.....	100 00
	Louis Conterno, music.....	105 00
	W. S. Mygrants, music.....	820 00
	Estate of W. G. Peirson, cement pipe.....	324 00
	Frederick W. Kelsey, plants.....	239 24
	F. J. Ashfield, repairs to Coney Island Shelter.....	79 90
	Charles Schwicker, cleaning streets.....	216 00
	I. P. Frink, reflectors for Museum.....	1,340 66
22—	J. W. Van Ostrand, work at New Lots playground.....	223 35
	Thomas F. Byrnes, grading.....	240 00
	Frederick W. Starr, lumber.....	800 00
	W. S. Mygrants, music.....	410 00
	W. L. Stokes, ashes for paths.....	120 00
	The Brooklyn Union Gas Co., gas.....	19 20
	John J. O'Mara, plumbing work.....	163 00
	H. P. Campbell, London purple.....	112 19
	C. H. Tiebout & Sons, hardware supplies.....	40 42
	John Condon, plants.....	130 50
	James Dean, plants.....	103 60
	Louis Borjes, music.....	105 00
	Kenyon & Newton, lumber.....	44 28
	Henry McShane M'fg Co., plumbing materials.....	5 76
	Citizens' Electric Ill. Co., electric light.....	476 40
	A. M. Stein, one horse.....	175 00
	The Diamond Broom Co., brooms.....	13 00
	The Wilson & Baillie M'fg Co., second payment on electric fountain.....	5,000 00
	H. Aschenbach, harness supplies.....	25 50
	J. Henry Haggerty, oil.....	13 68
	The Rogers Iron Co., lawn mowers.....	90 00

June 22—	Harden Bros., trucking trees	\$3 30
	Frederick W. Kelsey, plants	245 00
	Goodyear's India Rubber Glove Mfg Co., rubber hose.....	170 00
	P. J. Carlin & Co., final payment on Museum building.....	45,317 83
	Bayer & Gardner, brass rails for Museum.....	24 75
	John F. Maillie, top soil for Museum.....	75 00
	John F. Maillie, walks on Eastern Parkway.....	1,800 84
	N. Schneider & Sons, cement walks at Museum building.....	547 62
	Frederick MacMonnies, bronze groups for Ocean Parkway entrance.....	10,000 00
29—	Frederick W. Kelsey, plants.....	131 52
	The Rogers Iron Co., fence.....	1,716 40
	Tom Moore, drinking fountain	50 00
	James L. Robertson & Sons, packing.....	3 83
	George W. Millar & Co., toilet paper.....	12 00
	Charles W. Bligh, grass seed.....	367 50
	R. L. Halle, music.....	105 00
	J. F. Conway, M. D., rent of tool room.....	15 00
	W. S. Mygrants, music.....	410 00
	Calvin Tomkins, bluestone	405 30
	Henry McShane Mfg. Co., plumbing materials.....	494 85
	John W. Birkett & Co., plumbing materials.....	56 77
	R. H. Smith, Paymaster, disbursements.....	168 26
	F. J. Ashfield, repairs to shelter	262 00
	Louis D. Beck, agent, Roa Hook gravel	928 80
	John F. Maillie, cleaning streets.....	472 50
	John F. Maillie, trap rock, etc	1,092 00
	McKim, Mead, & White, Architects, professional services...	1,053 06
July 6—	Zimdars & Hunt, electric light at Museum building	146 00
	William H. Jackson & Co., picture rails, etc., Museum build- ing.....	350 00
	Bayer & Gardner, turnstiles, etc., for Museum building.....	505 00
	Citizens' Electric Illuminating Co., electric light..	492 00
	Edison Electric Illuminating Co., electric light	144 00
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.	269 16
	Charles J. Dunne & Bro., meat for animals	14 40
	M. Reynolds Plumbers' Supply Co., plumbing materials	361 22
	W. S. Mygrants, music.....	600 00
	Louis Borjes, music	210 00
	R. L. Halle, music.....	210 00
	F. Donovan & Son, feed.....	431 02
	F. L. & J. C. Olmsted, professional services.....	613 41
	West Disinfecting Co., disinfectant	54 00
	W. C. Vosburgh Mfg. Co., electric fixtures.....	1 60
	Schluchtner Bros., brooms, etc.....	35 00
	Studebaker Bros. Mfg. Co., two trucks for sprinklers.....	430 00
	Charles Schwicker, cleaning streets	216 00

July	6—Flatbush Gas Company, lighting Ocean Parkway.....	\$764 40
	Harris & Maguire, laying pipe	243 18
	D. M. Resseguie, lumber.....	37 23
	The Hobby & Doody Co., lime	16 00
	A. D. Matthews & Sons, muslin.....	5 25
	N. Schneider & Sons, kosmocrete walks	108 80
	C. D. Willits, coal.....	5 00
	J. W. Van Ostrand, top soil, etc.....	832 60
13—	Orr Bros., grading Ridgewood Park.....	600 00
	Louis Conterno, music.....	415 00
	Louis Borjes, music.....	210 00
	R. L. Halle, music.....	105 00
	W. S. Mygrants, music.....	410 00
	C. H. Tiebout & Sons, sweeping machine and hardware supplies	347 48
	Peter Henderson & Co., lawn sprinklers	10 70
	Patterson Bros., sprinklers	10 50
	Dayton Bicycle Co., bicycle	50 00
	Goodyear India Rubber Glove Mfg. Co., rubber hose.....	30 00
	H. Aschenbach, harness supplies	22 50
	Atlas Cement Co., cement.....	45 00
	R. H. Smith, Paymaster, disbursements	71 04
	Tom Moore, drinking fountains.....	300 00
	Coney Island Fuel Gas & Light Company, lighting Coney Island Concourse.....	54 00
	W. F. Doyle, D. V. S., professional services.....	49 50
	Thomas Monahan & Sons, cleaning streets.....	375 00
	Flatbush Water Works Company, water.....	300 00
	N. Y. & N. J. Telephone Co., telephone service	125 88
	Harris & Maguire, gravel	244 80
	Louis D. Beck, agent, Roa Hook gravel	1,166 40
	Estate of W. G. Peirson, sewer pipe	108 37
	J. S. Woodhouse, lawn mowers	369 53
	Nelson Bros., coal	332 34
	John McCormick, oilcloth, suit	13 17
	Edison Electric Ill. Co., electric light	72 42
	Department of City Works, repairing pipes	45 93
	The Rogers Iron Company, fence.....	2,103 63
	Remington Arms Co., repairs to bicycle.....	7 00
	Nathan Lane's Sons, stationery.....	36 21
	F. Wegner, trapping moles.....	100 00
	F. J. Ashfield, repairs to shelters	2,047 00
	Frederick W. Starr, lumber.....	69 54
	Peter Lauckhardt, collection cases for Museum building....	1,290 00
	Robert T. Heath, cutting letters on Museum building.....	118 00
	W. R. Fleming & Co., electric work at Museum building....	47 20
	Morris & Selover, carpenter work at Museum building	33 73

July 13—	Baker, Carver & Morrell, oil, etc., for Museum.....	\$95 03
	John S. Loomis, lumber for Museum	54 52
	John F. Maillic, grading, top soil, etc.	820 60
20—	Abraham & Straus, furnishings for Museum.....	339 50
	Otis Bros. & Co., electrical work at Museum building.	60 00
	Manning, Maxwell & Moore, tools for Museum.....	58 22
	W. S. Mygrants, music.....	405 00
	Louis Conterno, music.....	210 00
	R. L. Halle, music.....	210 00
	Louis Borjes, music.....	105 00
	Charles Schwicker, cleaning streets.....	216 00
	The Brooklyn Union Gas Co., gas.....	20 20
	Brooklyn Daily Eagle, printing.....	7 50
	Louis D. Beck, agent, Roa Hook gravel.....	253 80
	H. P. Campbell, London purple.....	69 03
	F. Wegner, rat traps.....	56 00
	Christian & Clarke, lime.....	9 50
	Frederick W. Starr, lumber.....	6 75
	Swan & Finch Co., oil.....	6 50
	Harris & Maguire, coach hire.....	10 00
	A. V. Benoit, engineers' supplies.....	12 60
	Potter & Cochrane, flour sweepings.....	33 75
	Havens Medical Co., horse liniment.....	5 00
	George B. Goodwin & Bro., coal.....	125 00
	M. Reynolds Plumbers' Supply Co., plumbing materials....	137 22
27—	Peter Lauckhardt, collection cases for Museum building....	4,246 00
	Herrmann & Grace, ventilators for Museum building.....	123 00
	E. Rutzler, coal and services, Museum building.....	436 90
	E. Rutzler, services, Museum building.....	234 00
	Orr Bros., grading Ridgewood Park.....	600 00
	Department of City Works, fire hydrants.....	38 55
	R. L. Halle, music.....	210 00
	Thomas F. Shannon, music.....	205 00
	Louis D. Beck, gravel.....	722 40
	William Smith, sewer basin.....	15 00
	Frederick W. Starr, lumber.....	25 50
	George Eiselstein, painting fence.....	68 20
	Thomas Ineson, algæ jell.....	38 50
	John Campbell, sprinkling Plaza.....	151 25
	Leonard & Ellis, oil.....	51 00
	Charles Boulware, ladders.....	26 40
	Tom Moore, benches.....	385 00
	The Brooklyn Union Gas Co., gas.....	80
	Moller & Schumann, dryer.....	3 50
	Henry A. Willis, hardware.....	203 44
	George P. Jacobs & Co., plumbing material.....	288 44
	Cranford & Co., resurfacing walks.....	1,504 32

July 27—	Louis Borjes, music.....	\$210 00
	John F. Maillie, paving and cleaning streets.....	1,013 70
Aug. 3—	John McCormick, rubber gloves.....	1 39
	Henry Miller, plants.....	69 49
	Gustav Otto, plants.....	38 00
	J. Weir & Son, plants.....	12 00
	J. Henry Haggerty, oil.....	13 64
	William Burke, carriage top.....	25 00
	R. L. Halle, music.....	105 00
	Louis Borjes, music.....	210 00
	Louis Conterno, music.....	105 00
	Tom Moore, settees.....	165 00
	New York Large Tree Company, moving trees.....	100 00
	C. W. Keenan, turpentine.....	27 86
	Patterson Bros., files.....	9 54
	The Rogers Iron Co., fence.....	1,720 80
	Calvin Tomkins, bluestone.....	456 63
	Cranford & Co., resurfacing walks.....	480 96
	Henry McShane Mfg. Co., pipe.....	59 71
	George P. Jacobs & Co., plunger rings.....	3 00
	Ashcroft Mfg. Co., gauge.....	4 80
	W. L. Stokes, ashes for walks.....	120 00
	Frederick W. Starr, lumber.....	13 98
	R. H. Smith, Paymaster, disbursements.....	126 64
	Brite & Bacon & H. L. Wardner, Architects, professional services.....	189 40
	C. H. Tiebout & Sons, blacksmith's hardware.....	23 88
	Charles Schwicker, cleaning streets.....	228 00
	Citizens' Electric Ill. Co., electric light.....	508 40
	Edison Electric Ill. Co., electric light.....	201 83
	Flatbush Gas Company, lighting Ocean Parkway.....	789 88
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.....	269 16
	Thomas F. Shannon, music.....	410 00
	Thomas Walsh, caps for workmen.....	109 15
	John J. Morrissey, repairs to Twenty-second avenue.....	65 00
	N. Ryan, sand.....	16 00
	Christian & Clarke, brick.....	9 00
	D. M. Resseguie, lumber.....	12 80
	George P. Jacobs & Co., pipe.....	24 98
	Flatbush Water Works Co., water.....	300 00
10—	W. F. Doyle, D. V. S., professional services.....	66 00
	L. M. Royce & Co., horse medicines.....	26 25
	R. L. Halle, music.....	105 00
	Thomas F. Shannon, music.....	410 00
	The Brooklyn Union Gas Company, gas.....	22 06
	N. Y. & N. J. Telephone Co., telephone service.....	37 50
	Nelson Bros., coal.....	305 53

Aug. 10—	The Brooklyn Daily Eagle	\$2 50
	Schluchter Bros., road brooms.....	6 00
	C. J. Dunne & Bro., meat for animals.....	14 88
	John McCormick, rubber gloves	1 30
	F. Donovan & Son, feed	206 85
	Frederick W. Starr, lumber	131 05
	John F. Maillie, top soil, etc.....	\$67 57
	F. Kling & Co., shades for Museum building.....	260 00
	Rand, McNally & Co., racks for Museum building.....	83 60
	John C. Grennell & Co., paints for Museum building.....	24 91
	John F. Maillie, path work.....	1,022 45
	Charles W. Bligh, grass seed.....	183 75
	Thomas Monahan, retained percentage on Fort Hamilton avenue.....	2,780 00
	Harris & Maguire, work at Lincoln Terrace.....	700 46
17—	Thomas Monahan & Sons, cleaning streets.....	387 50
	Louis D. Beck, agent, Roa Hook gravel	1,341 60
	J. S. Woodhouse, rakes	11 50
	Charles Schwicker, cleaning streets.....	216 00
	Charles Stevens, clover	35 00
	William Smith, cleaning cesspool	25 00
	Herrmann & Grace, repairs to heaters	11 00
	John McLean, wheels	3 00
	Louis Conterno, music	205 00
	Hyde & Company, map.....	9 50
	P. J. Cannon, lantern supplies.....	15 85
	William Martin, repairs to roof	29 25
	D. W. Binns, basin heads	162 00
	McGivney & McLaughlin, erecting steps.....	245 00
	George Eiselstein, painting fence.....	364 65
	Louis D. Beck, agent, Roa Hook gravel.....	235 20
	Harris & Maguire, top soil.....	150 00
	Christian & Clarke, whiting.....	12 50
	The Anchor Post Co., posts	210 00
	Thomas F. Shannon, music.....	410 00
	Parkhurst Curbing Co., curb and gutter on Ocean Parkway.....	1,080 00
	Peter Lauckhardt, collection cases for Museum building	170 00
24—	National Paint Works, paint	108 00
	H. A. Summers & Co., stationery	41 43
	Thomas F. Shannon, music	410 00
	Louis Conterno, music.....	105 00
	Louis Borjes, music.....	105 00
	Baker, Voorhis & Co., laws for 1896	7 50
	John Campbell, sprinkling Plaza	132 50
	John F. Maillie, cleaning streets.....	237 50
	Reliance Oil Works, oil.....	19 33
	Atlas Cement Co., cement.....	45 00

Aug. 24—	J. B. Colt & Co., carbons for fountain.....	\$29 00
	John Simmons & Co., pipe.....	112 60
	Christian & Clarke, brick.....	12 00
	Orr Bros., grading, Ridgewood Park.....	300 00
	Abraham & Straus, furniture for Museum.....	2,546 50
	A. C. Bedford, Treasurer, material for kindergarten in City Park.....	149 33
	John F. Maillie, path work.....	1,123 00
31—	Frederick W. Starr, lumber.....	59 67
	The Anchor Post Co., posts.....	17 50
	John Campbell, sprinkling Plaza.....	40 00
	Thomas Kane & Co., benches.....	320 00
	Thomas F. Shannon, music.....	410 00
	R. L. Halle, music.....	105 00
	Kings County Gas & Ill. Co., resetting lamps.....	17 50
	The Forster Manufacturing Co., couplings.....	148 80
	George P. Jacobs & Co., plumbing materials.....	42 80
	McKim, Mead & White, Architects, professional services.....	3,019 98
	George Eiselstein, painting fence.....	20 00
	Charles Schwicker, cleaning streets.....	228 00
	N. Y. & N. J. Telephone Co., telephone service.....	37 50
	R. H. Smith, Paymaster, disbursements.....	165 64
	J. E. Smith, Secretary, disbursements.....	34 60
Sept. 7—	Michael J. Dady, paving.....	379 90
	F. Donovan & Son, feed.....	336 89
	J. A. Pettigrew, planting plans.....	31 55
	Estate of W. G. Peirson, cement pipe.....	79 76
	Flatbush Water Works Co., water.....	324 75
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park..	502 62
	Flatbush Gas Co., lighting Ocean Parkway.....	789 88
	Edison Electric Ill. Co., electric light.....	148 80
	Citizens' Electric Ill. Co., electric light.....	508 40
	Charles J. Dunne & Bro., meat for animals.....	14 88
	George P. Jacobs & Co., brass ferrule.....	6 00
	C. C. Martin, C. E., pump.....	6 50
	George Pool's Sons, oil.....	11 51
	J. M. Thorburn & Co., seeds.....	53 90
	C. D. Willits, coal.....	5 00
	C. W. Keenan, white lead.....	30 50
	Tom Moore, drinking fountain.....	50 00
	Thomas F. Shannon, music.....	615 00
	D. W. Binns, basin heads.....	48 00
	Nelson Bros., coal.....	182 20
	Moller & Schumann, varnish.....	6 80
	George Eiselstein, painting fence.....	57 50
	H. A. Summers & Co, postage stamps.....	10 10
	The Brooklyn Daily Eagle, printing.....	8 25

Sept.	7—Henry A. Willis, hardware.....	\$156 57
	G. S. Harvey, repairing windows at Farm House	30 00
	Thomas McCann, brick paving.....	967 50
	Orr Bros., broken stone.....	303 00
	John F. Maillie, work on west drive of Ocean Parkway.....	10,465 99
	Thomas Monahan & Sons, cleaning streets.....	387 50
14—	Joseph A. Manda, orchid baskets.....	186 50
	The Brooklyn Union Gas Co., gas.....	22 78
	Edison Electric Ill. Co., electric light.....	77 00
	Charles Van Brunt, boarding horses	54 05
	C. H. Tiebout & Sons, scythes, etc.....	33 01
	Louis D. Beck, agent, Roa Hook gravel.....	907 20
	Kenyon & Newton, lumber.....	107 71
	Parkhurst Curbing Co., curb and gutter on Ocean Parkway..	5,220 00
21—	W. F. Doyle, D. V. S., professional services.....	46 00
	F. W. Darlington, operating electric fountain.....	100 00
	Robert C. Fisher & Co., flower pots.....	348 13
	The Wilson & Baillie M'f'g Co., kosmocrete work at electric fountain.....	430 40
	Charles Schwicker, cleaning streets.....	210 00
	J. W. Van Ostrand, making walks.....	135 00
	John F. Maillie, cleaning streets.....	276 50
	John F. Maillie, retained percentage on Bay Parkway.....	3,712 30
	George B. Goodwin & Bro., coal.....	14 25
28—	The Wilson & Baillie M'f'g Co., fountain construction.....	19,117 50
	C. C. Martin, C. E., professional services	753 53
	Parkhurst Curbing Co., curb and gutter on Ocean Parkway,	9,700 00
	John A. Scollay, repairs to greenhouses	1,055 00
	Christian & Clarke, whitening.....	2 75
	A. V. Benoit, blue print paper.....	7 66
	Morris & Sclover, carpenter work at Museum building.....	24 00
	The Brooklyn Electric Equipment Company, electrical work at Museum building.....	404 92
	Edward F. Caldwell, electrical work at Museum building...	37 75
	Bayer & Gardner, gate, etc., for Museum	62 50
	Abraham & Straus, furnishings for Museum.....	208 74
	Manning, Maxwell & Moore, machinists' supplies, for Museum building.....	87 43
	The Wilson & Baillie M'f'g Co., kosmocrete work at Museum	14 75
Oct.	5—Henry Victors, knobs, etc., for Museum building	92 33
	Peter Lauckhardt, collection cases for Museum building....	489 25
	Zimdars & Hunt, electric work at Museum.....	16 00
	John F. Maillie, work on Ocean Parkway.....	5,778 00
	N. Y. & N. J. Telephone Co., telephone service	130 35
	F. Donovan & Son, feed	341 57
	Thomas Dunne, meat for animals.....	14 40

Oct.	5—Citizens' Electric Ill. Co., electric light.....	\$476 00
	Edison Electric Ill. Co., electric light	144 00
	R. H. Smith, Paymaster, disbursements	142 57
	Schluchtner Bros., road brooms.....	6 00
	Charles Schwicker, cleaning streets.....	195 00
	Cranford & Co., asphalt work	13 30
	J. M. Thorburn & Co., ground bone.....	14 10
12—	John S. Loomis, lumber for Museum building	31 63
	Nelson Bros., coal.....	342 43
	George T. Watts, insurance	27 00
	George P. Jacobs & Co., valves.....	4 80
	Flatbush Water Works Company, water	143 28
	The Industrial Home for the Blind, brooms.....	34 50
	C. H. Tiebout & Sons, horseshoe iron	22 60
	Flatbush Gas Company, lighting Ocean Parkway	764 40
	Tom Moore, bronze mouldings	40 00
	Frederick W. Starr, lumber.....	16 02
	The Rogers Iron Co., gates	330 00
	The Bedford Company, rakes	14 50
	Thomas Monahan & Sons, cleaning streets.....	170 00
	Estate of W. G. Peirson, drain pipe.....	24 30
	The Brooklyn Daily Eagle, printing	5 00
	Munkenbeck Bros., boiler packing.....	1 50
	John F. Maillie, work on Ocean Parkway.....	1,926 00
	John F. Maillie, work on west drive of Ocean Parkway.....	5,232 98
	John F. Maillie, work on Park roads.....	1,955 20
	George M. Hebard, photographs.....	78 00
	Jason Moore, painting, at Museum.....	20 00
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.	637 50
19	John Condon, bulbs.....	1,936 00
	Christian & Clarke, whitening	2 75
	Reliance Oil Works, oil	7 60
	F. W. Darlington, operating electric fountain.....	100 00
	F. V. Lindon, care of clocks.....	26 00
	Edison Electric Ill. Co., electric light	86 17
	The Brooklyn Union Gas Co., gas.....	33 60
	Henry McShane Mfg. Co., pipe.....	9 84
	Long Island Water Supply Co., water	9 00
	Charles E. Ball, grate.....	1 65
	George Pool's Sons & Co., oil.....	11 66
	William A. Cattell, C. E., engineering services.....	10 00
	The Rogers Iron Co., gates.....	155 00
	John F. Maillie, walks, etc.....	547 50
	Orr Bros., crushed stone.....	400 00
26—	Charles Iggulden, painting at Museum building.....	18 00
	Revere Rubber Co., tires.....	10 00
	Christian & Clarke, whitening.....	2 75

Oct.	26—George P. Jacobs & Co., bowl.....	\$2 00
	Charles Schwicker, cleaning streets.....	195 00
	John J. Morrissey, sewer work.....	109 05
	Cranford Bros., sewer pipe fittings.....	88 45
	John F. Maillie, top soil.....	280 00
	John F. Maillie, cutting door in Farm House ..	107 80
	John F. Maillie, work on west drive of Ocean Parkway.....	3,139 79
	R. H. Smith, Paymaster, disbursements.....	133 23
Nov.	3—F. Kling & Co., shades for Museum building.....	28 00
	Flatbush Gas Company, lighting Ocean Parkway.....	789 88
	F. Donovan & Son, feed.....	391 80
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.	637 50
	Flatbush Water Works Co., water.....	109 17
	Gillis & Geoghegan, grate.....	13 00
	Montauk Water Co., water connections.....	31 77
	Jamaica Township Water Co., water.....	11 25
	James Campbell, charcoal.....	6 00
	John A. Scollay, repairs to furnace at Greenhouse	6 00
	Woodhaven Water Supply Co., water.....	11 00
	C. D. Willits, coal.....	5 00
	Edison Electric Ill. Co., electric light.....	148 80
	Citizens' Electric Ill. Co., electric light.....	384 40
	H. A. Summers & Co., postage stamps and stationery.....	14 45
	The Industrial Home for the Blind, brooms.....	13 00
	Orr Bros., broken stone.....	400 00
9—	Thomas Monahan & Sons, cleaning streets.....	167 50
	W. F. Doyle, D.V.S., professional services.....	69 00
	C. H. Tiebout & Sons, hardware.....	28 51
	George W. Millar & Co., toilet paper.....	6 00
	John J. Hopper, boring columns at Willink Entrance	100 00
	John Williams, finials at Willink Entrance.....	30 22
	C. W. Keenan, varnish.....	4 05
	J. F. Conway, M.D., rent of tool room.....	15 00
	Edison Electric Ill. Co., electric light.....	82 89
	Schluchtner Bros., road brooms.....	6 00
	John F. Maillie, erecting granite steps, etc.....	370 00
	Thomas Dunne, meat for animals.....	14 88
	John Scott, plants.....	117 00
	John F. Maillie, work on Ocean Parkway.....	2,996 00
16—	E. Rutzler, supplies for Museum.....	571 98
	Bayer & Gardner, work in art gallery of Museum building ..	150 00
	A. P. Proctor, second payment on bronze panthers	500 00
	George A. W. Brown & Co., coal.....	36 75
	Gormully & Jeffery Mfg. Co., bicycle.....	50 00
	Continental Insurance Co., insurance	21 25
	Nelson Bros., coal	348 34
	Brooklyn Union Gas Company, gas.....	59 40

Nov. 16—	Herrmann & Grace, stove, etc.....	\$17 05
	Charles Kallmann, repairs.....	10 10
	Harris & Maguire, top soil.....	82 50
	John F. Maillie, gravel, etc.....	952 84
18—	John F. Maillie, work on west drive of Ocean Parkway.....	4,709 70
23—	The Rogers Iron Co., gate and fence.....	220 67
	Abeel Bros., iron rivets.....	77 92
	George M. Hebard, photographs.....	115 00
	N. Y. & N. J. Telephone Co., telephone service.....	37 50
	John Lynch, Chairman, G. A. R. concert.....	250 00
	John F. Maillie, cleaning streets, etc.....	305 80
30—	Frederick MacMonnies, sixth payment on Quadriga for Arch	10,000 00
	Frederick MacMonnies, fifth payment on bronze groups for	
	gate 4.....	10,000 00
	George T. Watts, insurance premiums.....	180 00
	The Rogers Iron Co., fence.....	16 15
	David G. Yates & Co., trees.....	270 00
	Frederick W. Kelsey, trees.....	168 10
	Keene & Foulk, trees.....	63 00
	John F. Maillie, work on bridge slopes.....	61 60
	R. H. Smith, Paymaster, disbursements.....	171 99
	Edison Electric Illuminating Co., wiring pedestals.....	150 00
	George Eiselstein, resetting fence, etc.....	34 87
	Harris & Maguire, gravel, etc.....	349 00
	Charles Schwicker, cleaning streets, etc.....	435 00
Dec. 7—	Yellow Pine Co., sawdust.....	7 50
	Harden Bros., trucking trees.....	5 00
	The American Lucol Co., paint.....	5 00
	John Rice, clipping horses.....	20 00
	Citizens' Electric Illuminating Co., electric light.....	372 00
	Edison Electric Illuminating Co., electric light.....	218 17
	N. Y. & N. J. Globe Gas Light Co., lighting Prospect Park.....	657 50
	Flatbush Gas Company, lighting Ocean Parkway.....	764 40
	F. Donovan & Son, feed.....	353 77
	W. F. Doyle, D. V. S., professional services.....	47 00
	Parkhurst Curbing Co., curb and gutter on Ocean Parkway.....	1,740 00
	Peter McCormick & Sons, painting at Museum.....	42 00
	W. & T. Lamb, shelter at Tompkins Park.....	7,576 00
	Havens Medical Co., horse liniment.....	5 00
	Thomas F. Byrnes, limestone screenings.....	306 00
	John F. Maillie, cleaning streets, etc.....	404 00
	Thomas Dunne, meat for animals.....	14 40
	George Pool's Sons, oil.....	11 55
10—	John F. Maillie, work on west drive of Ocean Parkway.....	3,924 74
14—	John F. Maillie, cleaning streets.....	225 00
	Thomas Monahan & Sons, cleaning streets, etc.....	155 00
	C. H. Tiebout & Sons, hardware supplies.....	11 63

Dec. 14—	Duparquet, Huot & Moneuse Co., one grate.....	\$4 52
	Nelson Bros., coal.....	515 43
	F. L. & J. C. Olmsted, professional services.....	886 35
	The Brooklyn Union Gas Co., gas.....	65 50
	Constant Yongen, cleaning cesspool.....	15 00
	N. Y. & N. J. Telephone Co., telephone service.....	164 20
	H. Aschenbach, harness supplies.....	40 07
	Brite & Bacon & H. L. Wardner, Architects, professional services.....	189 40
	F. Donovan & Son, feed.....	438 00
	C. H. Tiebout & Sons, hardware supplies.....	45 86
	John F. Maillie, ashes for walks.....	31 20
	The Fairbanks Co., lock.....	2 86
	George P. Jacobs & Co., valves.....	4 00
	The American Lucol Company, paint.....	12 00
	Harris & Maguire, gravel.....	300 00
	Lamb & Johnson, attorneys, professional services.....	175 00
	Thomas Monahan, retained percentage on Fort Hamilton avenue.....	3,470 00
	H. A. Willis, hardware.....	27 75
	John Williams, arc lamps.....	195 00
	R. H. Smith, Paymaster, disbursements.....	131 14
21—	Orr Bros., sewer pipe, etc.....	393 95
	Cranford & Co., asphalt work.....	5 00
	Abeel Bros., tree box iron.....	121 54
	Nelson Bros., coal.....	13 99
	George M. Hebard, photographs.....	45 50
	Schluchtner Bros., pails.....	2 00
	George Eiselstein, painting fence.....	226 35
	The Rogers Iron Co., fence.....	1,487 20
	James Keenan, hot water boiler, etc., for Museum building.....	600 25
	Nathan Lane's Sons, time ledger, etc.....	27 55
	John F. Maillie, cleaning streets, etc.....	706 00
	Walter M. Meserole, C. E., professional services.....	1,046 19
23—	John F. Maillie, work on west drive of Ocean Parkway.....	7,413 40
	George Pool's Sons, oil.....	3 83
28—	Michael J. Dady, road work, Ridgewood Park.....	1,159 35
	Charles Payne, buffalo cow and expenses of shipment.....	590 00
	J. W. Van Ostrand, grading.....	300 00
	George P. Jacobs & Co., rubber.....	10 30
	The J. L. Mott Iron Works, fire pot, etc.....	8 96
	Schluchtner Bros., dynamite.....	54 50
	Henry A. Willis, hardware.....	13 12
	John F. Maillie, cleaning streets.....	19 23
	Studebaker Bros. Mfg. Co., carts.....	56 00
	J. F. Maillie, work on drives.....	4,548 40
	Louis Kane, services.....	30 75

Dec. 28—Orr Bros., road work.....	\$1,644 43
Geo. Reynolds, flagging.....	1,228 20
J. F. Maille, street cleaning.....	225 00
Charles Payne, buffalo cow.....	590 00
J. W. Van Ostrand, grading.....	300 00
Geo. P. Jacobs & Co., diaphragm nibb.....	10 30
J. L. Mott Iron Works, fire pot.....	8 96
Schluchner Bros., dynamite.....	54 50
Henry A. Willis, hardware.....	13 12
Studebaker Bros. Mfg. Co., hand carts.....	36 00
Orr Bros., use of steam roller.....	236 00



THE BOYS' BRIGADE, ANNIVERSARY DAY.

THE PAYMASTER'S REPORT.

January 1, 1898.

Hon. J. G. DETTMER,

Commissioner of the Department of Parks:

SIR.—I have the honor to submit herewith a statement of the City pay-rolls for the year 1897.

1897.	City.	Amount.	Police.	Labor, Skilled, Unskilled, Hired Teams, Horses and Carts.
Jan. 2	Pay-Roll No. 834	\$4,211 73	\$1,898 55	\$2,313 18
9	" " " " " " 835	5,360 65	1,912 30	3,448 35
16	" " " " " " 836	5,625 77	1,904 05	3,721 72
23	" " " " " " 837	5,566 02	1,957 46	3,609 16
30	" " " " " " 838	5,119 56	1,932 71	3,186 85
Feb. 6	" " " " " " 839	5,183 50	1,954 71	3,228 79
13	" " " " " " 840	5,183 06	1,943 71	3,239 35
20	" " " " " " 841	5,256 98	1,929 96	3,327 02
27	" " " " " " 842	5,323 99	1,932 71	3,391 28
March 6	" " " " " " 843	5,505 97	1,938 21	3,567 76
13	" " " " " " 844	5,737 12	1,938 21	3,798 91
20	" " " " " " 845	5,888 32	1,924 46	3,963 86
27	" " " " " " 846	6,670 32	2,402 96	4,267 36
April 3	" " " " " " 847	7,237 45	2,449 71	4,787 74
10	" " " " " " 848	7,123 83	2,702 71	4,421 12
17	" " " " " " 849	7,211 06	2,471 71	4,739 35
24	" " " " " " 850	8,363 06	2,457 96	5,905 10
May 1	" " " " " " 851	8,610 01	2,471 71	6,138 30
8	" " " " " " 852	8,503 27	2,411 21	6,092 06
15	" " " " " " 853	8,057 16	2,427 71	5,629 45
22	" " " " " " 854	8,752 36	2,477 71	6,274 65
29	" " " " " " 855	8,897 11	2,449 71	6,447 40
June 5	" " " " " " 856	8,168 21	2,446 96	5,721 25
12	" " " " " " 857	7,792 99	2,413 96	5,379 03
19	" " " " " " 858	8,563 29	2,457 96	6,105 33
26	" " " " " " 859	8,448 36	2,435 96	6,012 40
July 3	" " " " " " 860	8,446 58	2,457 96	5,988 62
10	" " " " " " 861	7,953 30	2,413 96	5,539 34
17	" " " " " " 862	8,062 33	2,435 96	5,626 37
24	" " " " " " 863	7,956 43	2,422 71	5,473 72
31	" " " " " " 864	8,038 75	2,444 21	5,594 54
Aug. 7	" " " " " " 865	8,146 15	2,419 21	5,726 94
14	" " " " " " 866	8,491 20	2,460 46	6,030 74
21	" " " " " " 867	8,473 33	2,435 71	6,037 62
28	" " " " " " 868	8,224 73	2,443 96	5,780 77
Sept. 4	" " " " " " 869	6,971 78	2,443 96	4,527 82
11	" " " " " " 870	6,699 80	2,419 81	4,279 99
18	" " " " " " 871	6,217 31	2,441 21	3,776 10
25	" " " " " " 872	6,075 35	2,421 96	3,653 39
Oct. 2	" " " " " " 873	5,902 31	2,314 71	3,587 60
9	" " " " " " 874	6,133 05	2,212 96	3,920 09

THE PAYMASTER'S REPORT—*Continued.*

1897.	City.	Amount.	Police.	Labor, Skilled, Unskilled; Hired Teams, Horses and Carts.
Oct. 16	Pay-Roll No.....875	\$6,249 10	\$2,232 21	\$4,016 89
23	" " 876	6,354 73	2,267 96	4,086 77
30	" " 877	6,227 01	2,388 96	3,838 05
Nov. 6	" " 878	6,133 42	2,460 46	3,672 96
13	" " 879	6,240 02	2,438 46	3,801 56
20	" " 880	6,263 92	2,435 71	3,828 21
27	" " 881	5,903 70	2,490 71	3,412 99
Dec. 4	" " 882	6,230 64	2,490 71	3,739 93
11	" " 883	6,261 97	2,474 35	3,787 62
18	" " 884	5,952 11	2,466 10	3,486 01
25	" " 885	5,739 24	2,416 60	3,322 64
31	" " 886	5,088 49	2,060 80	3,027 69
Totals.....		\$360,798 50	\$122,516 76	\$238,281 74

SALARY PAY-ROLL FOR THE YEAR 1897.

1897—Salary pay-roll for the month of January.....	\$2,016 64
Salary pay-roll for the month of February	2,016 64
Salary pay-roll for the month of March	2,016 64
Salary pay-roll for the month of April.....	2,041 64
Salary pay-roll for the month of May	2,041 64
Salary pay-roll for the month of June	2,041 64
Salary pay-roll for the month of July	2,041 64
Salary pay-roll for the month of August	1,875 00
Salary pay-roll for the month of September	1,875 00
Salary pay-roll for the month of October	1,875 00
Salary pay-roll for the month of November	1,875 00
Salary pay-roll for the month of December.....	1,950 01
Total.....	\$23,666 49

Respectfully submitted,

R. H. SMITH,
Paymaster.

CONDENSED FINANCIAL STATEMENT.

The financial statement, summarized, is as follows:

MAINTENANCE.

	Total Appropriations.	Expended.	Balance.
Maintenance of Public Parks..	\$672,990 16	\$671,674 95	\$1,315 23

BOND ACCOUNTS.

	Sales, 1897.	Balance for 1896.	Expended.	Balance.
East Side Lands.....	\$10,000 00	\$564 59	\$10,394 00	\$170 59
Park Improvement Fund		70,109 92	52,450 18	17,659 74
Park Site Improvement Fund.....		1,238 27		1,238 27
Gen. H. W. Slocum Monument Fund.....		27,000 00		27,000 00
Museum of Arts and Sciences Fund.....		104,706 96	102,867 04	1,839 92
Ft. Hamilton ave. and Bay Parkway.....		17,813 50	17,813 50	
Memorial Arch.....		73,850 24	10,733 64	63,116 57
Park Purchase.....		879 53		879 53

There has been paid into the City Treasury the sum of \$4,997.48, received from the letting of Park privileges.



ENTRANCE TO FOREST PARK FROM JAMAICA AVENUE.

COUNTY PARKS AND PARKWAYS.

WORK DONE TO IMPROVE THE NEW ACQUISITIONS, AND THE COST THEREOF.

The progress made in the improvement of the Parks acquired by money provided by the sale of county bonds in 1895 and the construction of new parkways was very satisfactory.

The most important work was the purchase of land and the construction of the extension of Eastern Parkway from Ralph avenue to Ridgewood Park. This work came into my hands as a legacy from the previous administration. Conceived during the term of Commissioner George V. Brower, brought to life during the term of Commissioner Frank Squier, and contracted for by Commissioner Timothy L. Woodruff, I inherited it in a partially completed condition at the far easterly end, and with the condemnation proceedings still unfinished.

The first trouble encountered was with the brick used in paving. One kind had been rejected after its partial use, and the substituted kind was not delivered according to contract. After a number of interviews with the engineer, contractors and brick manufacturers, I decided that if the work was to be done within a reasonable time a change would have to be made in its character. I therefore amended the contract for the middle and western sections by substituting asphalt for brick on the side drives, and improved the character of macadam for the center drive by having a Roa Hook gravel surface substituted for the surface of trap rock screenings, as originally contracted for. The work was then rapidly pushed to completion, and in October was opened to the public its entire length. The cycling clubs of Long Island celebrated the event by a parade.

THE OLD PARKWAY IMPROVED.

The extension of the Eastern Parkway brought it into general use. Previous to this year the Parkway was used but little east of Bedford avenue, so that about one-half of it was

neglected. In order to prepare for the use of the Parkway, which the Department knew would follow the opening of the extension, because of the magnificent scenic attractions at its eastern terminus, the old portion of the Parkway was put into



THE IMPROVED WALK, EASTERN PARKWAY.

first-class condition by resurfacing it throughout its entire length and by improving the walks on either side. These were sodded along the edges. For the use of pedestrians a cinder walk with a limestone surface was put down along the middle

of these walks, and at intervals garden plots of various forms filled with attractive shrubs were created. This completely changed the aspect of the Parkway, and all during the summer season people flocked to it to enjoy the shade and to watch the constant procession of drivers and wheelmen. Benches were placed on each block for the use of pedestrians, and they proved a great convenience. Drinking fountains for the people and troughs for horses were placed at intervals along the Parkway. It was intended to make the improvement of the Parkway extension complete in every particular, but the award of the commissioners appointed to condemn the land was considerably in excess of the amount estimated by Commissioner Squier, who secured the money for the improvement. Therefore, some of the features contemplated were not carried out.

THE REPORT OF THE COMMISSION.

The report of the Commission was as follows :

SUPREME COURT—KINGS COUNTY.

In the Matter of the Application
of

THE COUNTY OF KINGS to acquire title to the land within the lines of the Eastern Parkway and Buffalo Avenue, as the same are laid out pursuant to Chapter 177 of the Laws of 1891, as amended by Chapter 444 of the Laws of 1895.

To the Supreme Court :

We, the undersigned, Commissioners appointed by an order of this Court herein entered in an office of the Clerk of Kings County on August 7, 1895, to ascertain and appraise the compensation to be made to the owners of or persons interested

in the real estate within the lines of the Eastern Parkway and Buffalo avenue, as the same are laid out, pursuant to Chapter 177 of the Laws of 1891, as amended by Chapter 444 of the Laws of 1895, do report as follows:

We met at the time and place designated in said order, and thereupon we were sworn before a Justice of the Supreme Court to faithfully and impartially perform the duties which should devolve upon us as such Commissioners pursuant to the said order, and the oath so taken we have caused to be filed in the office of the Clerk of said Kings County.

We then proceeded to and did view each and every piece of property within the lines of said street and avenue as the same are laid out pursuant to said law.

We have also caused maps to be prepared by a competent civil engineer and surveyor, and upon said maps are designated by feet and inches, as near as may be, the said street and avenue as the same are so laid out by law, and by numbers the pieces of land required for the said improvement, which maps are duly authenticated by the signature of Richard Schermerhorn, the Civil Engineer and Surveyor who prepared the same, and also by our own signatures, and are herewith submitted as part of our report.

We have heard the proofs and allegations of all the parties interested who have appeared before us, and the testimony taken is herewith submitted.

We do further report that after viewing the said lands and buildings with appurtenances, and hearing the said proofs and allegations of the parties interested, we have ascertained and appraised the compensation to be made to the owners and all persons interested in the land within the lines of said street and avenue, and we submit herewith the following tabular statement containing the number on the map of the pieces of land taken for the improvement, the names of the persons interested in the property taken for the improvement and the nature of their interest, and the amount awarded to the different parties.

THE COURT APPROVES.

This report, with the names, amounts, etc., after the advertisement and hearings required by law, was presented to Justice William J. Gaynor of the Supreme Court, who handed down the following decision:

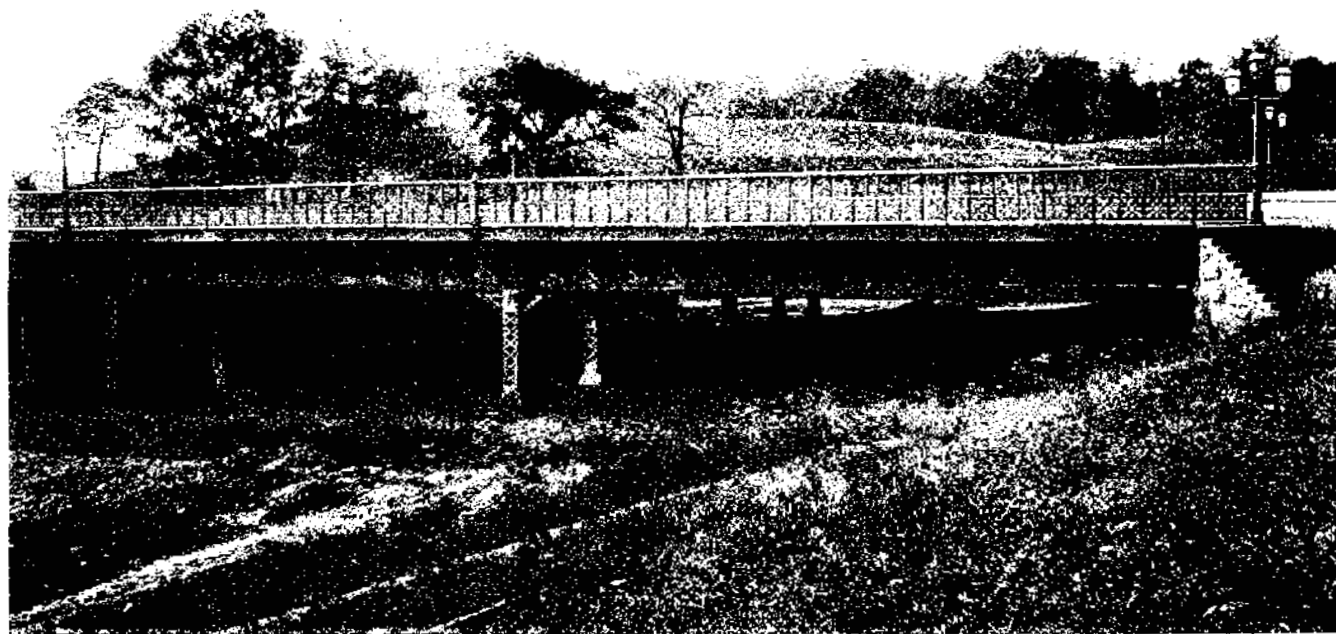
An order having been duly made and entered in the office of the Clerk of Kings County on August 7, 1895, appointing Edward J. O'Flynn, William Walton and Francis Gross, Commissioners, to ascertain and appraise the real estate within the lines of the Eastern Parkway and Buffalo avenue, as the same are laid out, pursuant to Chapter 177 of the Laws of 1891, as amended by Chapter 444 of the Laws of 1895, as the same was sought to be condemned for the purposes of the said act, and the said Commissioners having made and filed their final report in the office of the clerk of the County of Kings on April 12, 1897, and the head of the Department of Parks having made application for the confirmation of the said report, and the said application having come duly on to be heard, and appeals having been taken from the said report by Lucy Miner and Martin Bennett, two of the owners of property to be so condemned,

Now, upon reading and filing the said report of the Commissioners and the testimony taken in said proceedings, and the notice of this application to confirm the said report, together with due proof of publication of the same, and it appearing therefrom that the said commissioners have faithfully and impartially performed all the duties devolving upon them as such Commissioners, and, after hearing William C. DeWitt, Esq., on behalf of the appellant, Lucy Miner, he having, in open court, withdrawn all objections to the said report, except the objection that the award is insufficient, and Henry Yonge, Esq., on behalf of the appellant, Martin Bennett, and Charles H. Hyde, Esq., on behalf of the petitioner, and it appearing that the only objections to the said report are as to the sufficiency of the awards,

Now, on motion of Charles H. Hyde, Esq., attorney for the petitioner, it is

Ordered, that the said report be and it hereby is in all things confirmed, except as to the said Martin Bennett; and it is further

Ordered, that this proceeding be severed, and that the said report be separately and independently confirmed as to each person or persons, corporation or corporations, who are parties thereto, and in respect of each award, except the said Martin Bennett, and that the amount of the several awards as stated in the said report and hereinafter stated to be paid to each person and hereinafter named as follows. (These amounts will be found in the table of expenditures in connection with the Eastern Parkway's financial account.)



VIADUCT AND RETURN ROAD, EASTERN PARKWAY EXTENSION.

And each of said awards is hereby confirmed, and that each of such awards be paid after deducting therefrom the amount of any lien by way of mortgage or by way of tax, assessment or water-rate, provided such tax, assessment or water-rate was levied and confirmed prior to the date when the Commissioner of Parks took possession of the property which is the subject of the said award.

And it is further ordered, that each of such payments be made forthwith and before any payment of costs, as hereinafter provided.

And a sufficient reason appearing to the court why it should not confirm the report of the said Commissioners as to the said Martin Bennett, who is the owner of lot 286½, and the court having referred the said report back for revision and correction to the same Commissioners to revise and correct the same as to the amount of the award to the said Martin Bennett; and thereupon the said Commissioners having revised and corrected the same and fixed the award for said lot 286½ at the sum of \$550.00, and thereupon caused the said revised and corrected report to be refiled in the office of the Clerk of Kings County.

Now, on the application of the head of the Department of Parks for the confirmation of said revised and corrected report, and the consent of the attorney for the said Martin Bennett, it is

Ordered, that the said revised and corrected report be and the same hereby is in all things confirmed, and that the amount of the award as stated in the said revised and corrected report, to wit: the sum of \$550.00, be paid to the said Martin Bennett as the owner in fee of the said parcel 286½.

And on application having been made on behalf of the commissioners to tax their fees, and the Corporation Counsel and the counsel for the petitioner having joined in the said application, and it appearing that the said commissioners were actually and necessarily engaged in the performance of their duties, the said Edward J. O'Flynn 393 days, the said William Walton 388 days, and the said Francis Gross 398 days, it is further

Ordered, that the fees of the commissioners be and they hereby are taxed at \$10.00 per day for each and every day so actually and necessarily engaged in their duties as such commissioners, the said fees being taxed respectively as follows: To Edward J. O'Flynn, \$3,930.00; to William Walton, \$3,880.00; and to Francis Gross, \$3,980.00; and it is

Ordered, that the said fees be forthwith paid out of the money and funds out of which the aforesaid rewards are payable.

And it is further ordered that the sum of \$25.00 by way of costs and disbursement be allowed to the attorney or attorneys in the case of each award where he or they have been retained by the property owners and have appeared in their behalf before the said commissioners, and that such costs and disbursements be taxed by this Court upon notice and proof of such employment and services.

THE AWARDS PAID.

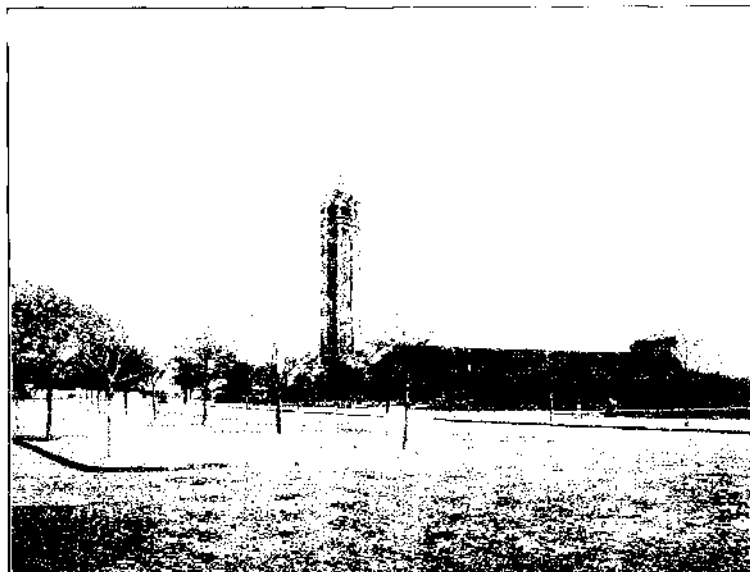
Assistant Corporation Counsel Michael Furst was detailed by the Corporation Counsel, Mr. Joseph A. Burr, to attend to the payment of the awards and costs as fixed by the report of the commissioners and as affirmed by the Court. He immediately began the work upon the passing of the titles by the Title Guarantee and Trust Company, and on the 5th of May made the first payment for property.

Through the efforts of the Department, about \$20,000.00 was saved by having the Evergreens Cemetery corporation cede to the city, without cost, a large piece of property along the southern side of the cemetery, and the Brooklyn Elevated Railroad Company waive its award of \$5,776.00, the Department agreeing to have the lines of the Parkway altered so as not to take any of the property belonging to the railroad. This latter agreement was made because the Department found when the road was actually constructed that it was not necessary to enter upon the land of the railroad company. The Corporation Counsel advised that an act of the Legislature would be necessary to carry this agreement into effect, and the Park Department has bound itself to secure such legislative action.

Through the co-operation of the Corporation Counsel's office and the Department of Assessment, a reassessment of the taxes for the year 1897 was made, in order that justice might be done the people whose property was taken before being paid for.

BAY RIDGE PARKWAY (SHORE DRIVE).

The Park Department has not had control of this driveway since the passage of a law placing it in the hands of a commission, although the Park Commissioner is an *ex officio* member of the commission. The Park Commissioner still has the power to purchase land for the driveway, and has acquired nearly all the property needed. Legal steps have been taken to



WATER TOWER, EASTERN PARKWAY.

secure the remaining plots where the owners have absolutely refused to accept the price offered. One very desirable purchase made during the year was the property and franchise rights of the Brooklyn City, the Brooklyn Heights and the Nassau Railroad companies in the circle at Fort Hamilton. The property was secured at a very reasonable figure, and to cover all legal questions that might arise, a friendly condemnation suit was instituted, and the price paid was confirmed by the Supreme Court.

The commission in charge of the work of construction has contracted for the building of the road along the shore. Considerable progress has been made, although not to the extent that was anticipated. This was due to the failure of the original contractor to perform the work called for, necessitating a change, which caused considerable delay.

NEW LEGISLATION.

The fund which was originally raised to improve streets in the Twenty-sixth Ward, but which has been amended to enable the Department to build the return cycle path, was again amended to provide funds for the improvement of streets in connection with the Parkway extension in the Twenty-sixth Ward, and also to provide means for the improvement of Fort Hamilton avenue, from Sixty-seventh to Seventy-ninth street.

The law as amended reads:

CHAPTER 535.

AN ACT TO AMEND CHAPTER SIX HUNDRED AND FORTY OF THE LAWS OF EIGHTEEN HUNDRED AND NINETY-FIVE, ENTITLED "AN ACT IN RELATION TO THE CARE, CUSTODY, CONTROL AND IMPROVEMENT OF CERTAIN HIGHWAYS IN THE COUNTY OF KINGS, AND TO PROVIDE MEANS FOR THE IMPROVEMENT THEREOF," AS AMENDED BY CHAPTER TWO HUNDRED AND THIRTY OF THE LAWS OF EIGHTEEN HUNDRED AND NINETY-SIX.

Accepted by the City.

Became a law May 18, 1897, with the approval of the Governor. Passed, three-fifths being present.

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

SECTION 1. Section one of Chapter six hundred and forty of the Laws of eighteen hundred and ninety-five, entitled "An Act in relation to the care, custody, control and improvement of certain highways in the county of Kings, and to provide means for the improvement thereof, as amended by Chapter two hundred and thirty of the Laws of eighteen hundred and ninety-six," is hereby amended so as to read as follows:

SECTION 1. On and after the passage of this act, the care, custody and control of Eastern parkway, east of Ralph avenue and south of East New York avenue to Stone avenue, Stone avenue from the intersection of Eastern parkway extension to Riverdale avenue, Riverdale avenue to New Lots road, New Lots road to Dumont avenue, Dumont avenue to Fountain avenue, Bushwick avenue from Eastern parkway extension at Vanderveer street to Jamaica avenue, Pennsylvania avenue throughout its entire length to Jamaica bay, Glenmore avenue from Rockaway avenue to Enfield street (or Eldert lane), and Enfield street (or Eldert lane) to Liberty avenue and Vermont street from Sunnyside avenue to and along the return road of the Eastern parkway extension where it joins the main road, and Miller avenue from the Jamaica plank road to the Eastern parkway extension are vested in the Department of Parks of the City of Brooklyn, and the officer at the head of said department of parks is hereby authorized to grade, pave, gutter and improve said parkway and streets or highways or either or any part of either of them, and to construct and maintain a bicycle path, or course, and a sidewalk, on each side of the Ocean parkway, in said city, and to improve Fort Hamilton avenue from Sixty-seventh street to Seventy-ninth street, upon such plans as he may determine, and to enter into contracts for that purpose.

SECTION 2. This act shall take effect immediately.

Under this Act Fort Hamilton parkway (formerly Fort Hamilton avenue) was macadamized from Sixty-seventh street, where the improvement stopped last year, to Seventy-ninth street, where the parkway joins Seventh avenue, the macadamized road leading to Dyker Beach and the Shore road. The Department had under advisement the reconstruction of the old bicycle path with a part of this money; but after advertising for bids, it was found that the work would be too expensive. It was also deemed wiser and of greater advantage to the general public to make the Fort Hamilton avenue improvement, giving, as it now does, a perfect system of drives of use to all bicycle riders and all drivers of pleasure vehicles as well, extending through a beautiful and diversified country, also including two parks, a distance of some fifteen miles.

Under the provisions of the amendment above referred to, Miller avenue from Jamaica avenue to Eastern parkway was graded, paved and ornamented with trees, as was also the return road leading out of Vermont street into the Eastern Parkway.

GLENMORE AVENUE.

The macadamizing of Glenmore avenue was the subject of some discussion during the year. The work was done before my administration began, and as I am informed, to please the wheelmen the road was constructed in a much shorter time



FORT HAMILTON PARKWAY.

than should have been taken for the building of a macadam road. Consequently it did not stand the heavy travel to which it was subjected as well as it would have done had more time been taken in its building. It showed signs of wear early in the summer, and became the subject of criticism. The contractor claimed he had performed the work according to directions and was not responsible for the defects. However, to avert further criticism, he reconstructed the road in the fall by loosening up the macadam, topping it with bluestone and re-rolling it. The avenue was much improved by this extra work.

THE COUNTY PARKS.

As soon as the season permitted, work was begun in the development of the County Parks.

The wisdom of these purchases has been unquestioned, save during the heat of political argument, and then the criticisms were insincere, because those who referred to the subject upon the political platform were primarily responsible for the purchases, having framed and passed the law which provided the authority for the issue of the bonds and the acquisition of the land.

In the years to come these purchases will receive the unanimous approval of the people, just as the purchase of Prospect Park, once condemned, is now approved and the possession mentioned with pardonable pride because it is the finest park in all the land, viewed from every standpoint.

FOREST PARK.

So with Brooklyn forest, the Park extending from Cypress Hills Cemetery to Richmond Hill, in the town of Jamaica. It is a beautiful natural forest, with an ever-varying and never ending charm from the beginning to the end of the year, and it is destined to be one of the charming spots of the Greater New York to which visitors from all parts of the world will be taken. It is the very center of the most delightful drives on Long Island. The main drive in the park, constructed this year and partly macadamized, is the link which connects the Eastern Parkway, by way of the drive in Ridgewood Park and Jamaica avenue, or by way of Glenmore avenue, Broadway and Shaw avenue, or by way of Ridgewood Park, Cypress avenue and Myrtle avenue, with the Union Turnpike, Flushing avenue and the road to Whitestone, with its fortifications, military band concerts and views of Long Island Sound, with Glen Cove and other charming villages on the north shore of Long Island.

Or if the visitor wishes a view of smiling, prosperous farm lands and wooded hills, then he may leave the main drive in the park at Metropolitan avenue and go east along this



VIEW OF FLUSHING BAY, FOREST PARK.

thoroughfare to Hillside avenue, out through the growing town of Jamaica, past the State Normal School and the artistic Soldiers' Monument to the village of Queens and the world famous Creedmoor rifle range; thence south to the road skirting the southerly shore of Long Island, with its picturesque sea views and magnificent summer palaces.

Or, by going to the north from the village of Queens along the rocky hill road, one may cross the backbone of Long Island, passing through a beautiful forest, along the edge of the Meadowbrook golf links, through to Whitestone, returning by the Flushing drive to Forest Park.

If the visitor comes from the Borough of Manhattan, he may, by crossing the Astoria or the Long Island City ferry, reach the Hoffman Boulevard and by a drive of six miles enter Forest Park at the eastern termination of the main drive, and return to New York by the way of Eastern Parkway and its extensions. All of the roads referred to are macadamized and afford easy and pleasant method of traveling.

Forest Park is densely covered with woods of every variety. It is filled with song birds, squirrels, rabbits and quail, which have found the place a safe abiding spot since the pot hunters have been suppressed by vigorous measures. All sorts of wild flowers grow in endless profusion. The views from the high hills of sea and bay on the south and of the Long Island Sound on the north are superb. A more charming spot could not be found.

The following description of the park by the landscape architects is interesting from the artistic point of view:

F. L. & J. C. OLMSTED,

LANDSCAPE ARCHITECTS.

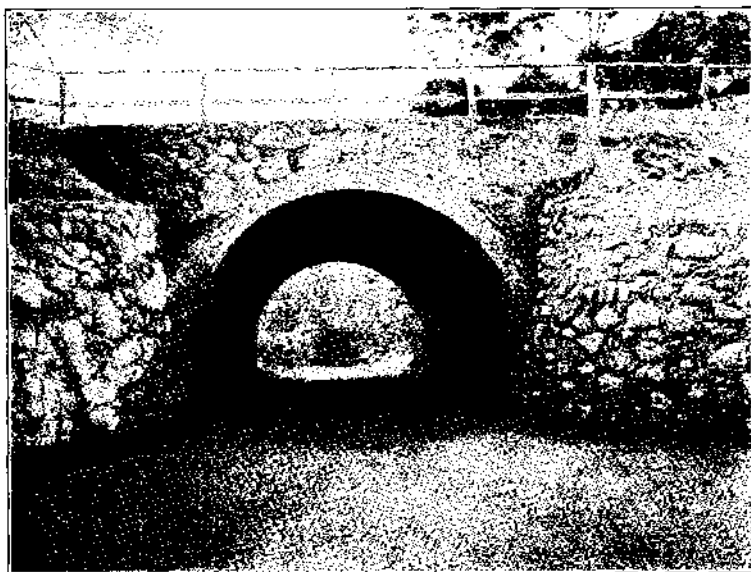
BROOKLINE, MASS., December 30, 1897.

MR. J. G. DETTMER, *Park Commissioner*, Brooklyn, N. Y.

DEAR SIR.—In 1895 we entered into an agreement with one of your predecessors to furnish a plan for the main drive in Brooklyn Forest. We accordingly selected a route for a drive

from one end of the park to the other, with entrance drives from Myrtle avenue near Cypress Hills Cemetery and from Jamaica avenue, and furnish such plans and directions from time to time as were needed to enable the engineers to prepare working drawings and profiles, and to set stakes for the guidance of the construction force.

We now take pleasure in submitting our general plan for these drives. This plan is not to be taken as an accurate record of the lines of the drives as graded, but as an illustration of the



THE ARCH ROAD, FOREST PARK.

design. We have added at least one walk accompanying each of the drives, and which will ultimately be needed both for the comfort of visitors on foot and to induce such visitors not to walk in the drives to the great annoyance of drivers. Before these walks are actually constructed their lines and grades will have to be more carefully studied in detail, but their general relation to the drives should be substantially as we have indicated.

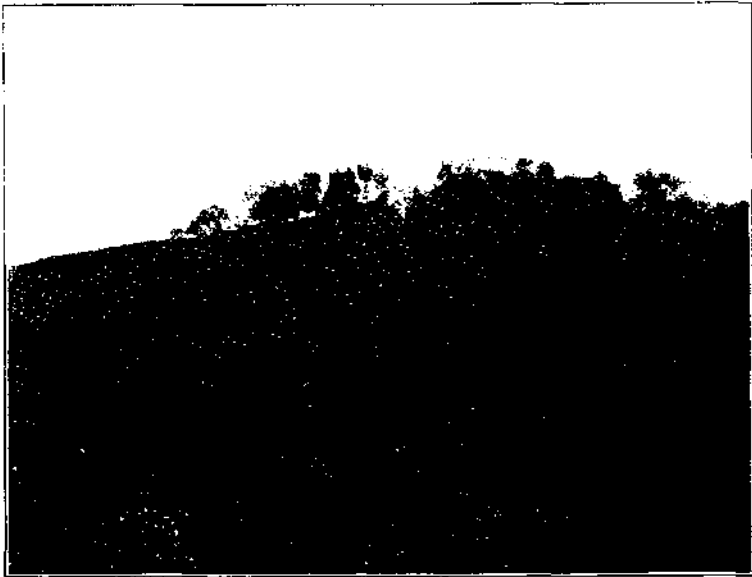
Having thus technically fulfilled our agreement by furnishing the plan for the drive called for, we might drop the matter

without another word, but we have for years been engaged in designing great parks and other enterprises requiring extensive grounds, and have become so habituated to think out the fundamental problems of design involved that we cannot feel satisfied to drop the consideration of this magnificent public domain without recording some of the ideas relating to the park as a whole, which have come to us in our study of the particular problems of detail for which we are employed.



LINCOLN TERRACE, 1897.

Geographically, Forest Park is in Queens County, partly in the Town of Jamaica and partly in the Town of Newtown, but its west end is close to the boundary of the City of Brooklyn and Kings County, and was purchased at the cost of the latter. It lies between the dense settlement known as East New York and the suburban village called Richmond Hill. The whole west end of the park bounds upon one of the great wooded cemeteries for which Brooklyn is noted. Nearly all the land near the south boundary of the park has been plotted into twenty-



TANGLEWOOD, FOREST PARK.

five-foot lots, most of the contemplated streets have been graded, and a considerable number of houses (generally of the city type, or adapted for twenty-five-foot lots) have been built. The subdivisions north of the park are still interspersed with farm fields and wood lots.

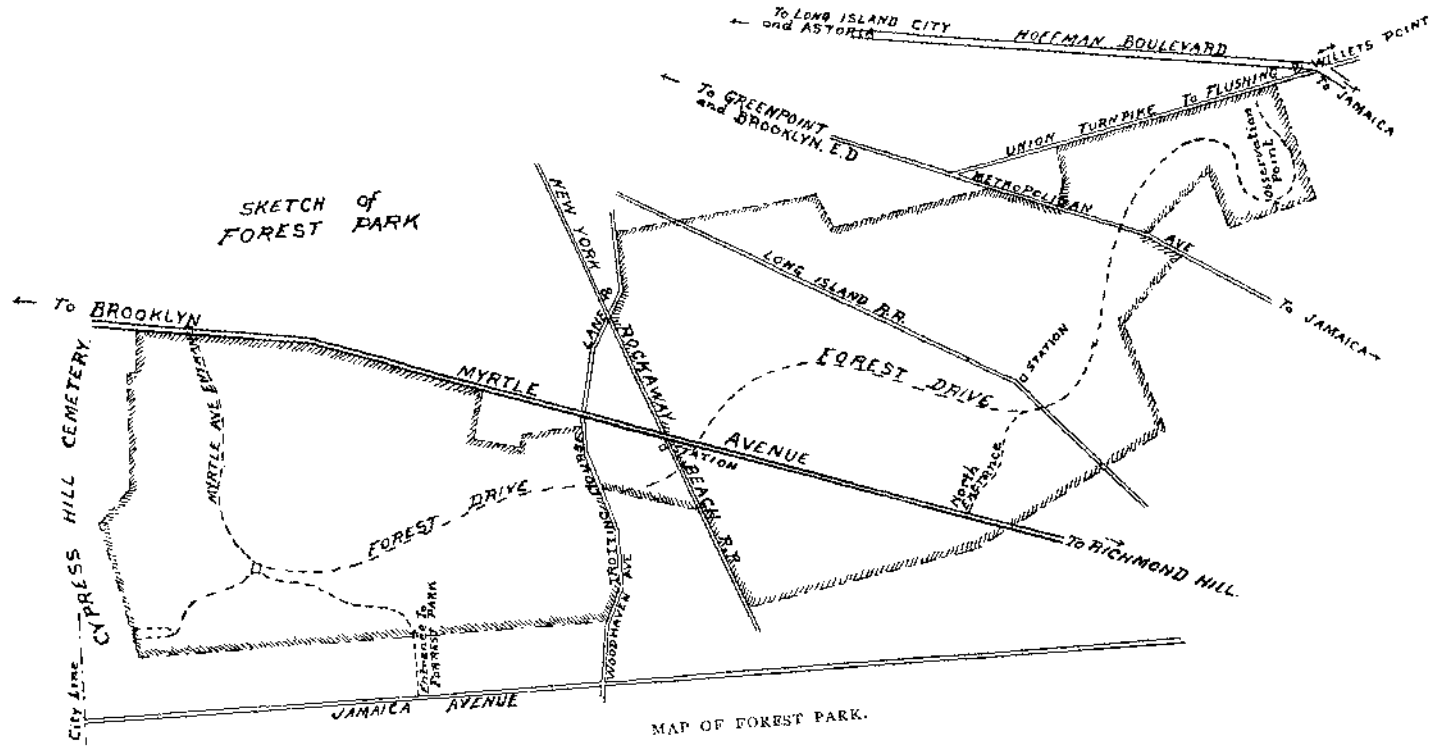
The principal approaches to the northern parts of the park from the City are by way of Union avenue, formerly a turnpike, Metropolitan avenue and Myrtle avenue, in which there is an electric trolley railway. This avenue is the shortest route from most of that part of Brooklyn north of Fulton street. By this route the Park is just six miles from the City Hall. Jamaica avenue, formerly a turnpike popularly called the Jamaica Plank Road, is the most direct approach from those parts of the city south of Fulton street to the southern parts of the Park, and especially to the high ridge in the Park. This avenue also has in it another electric trolley railway, which brings passengers within a quarter of a mile of the Park. The best driving approach is by way of the new extension of Eastern Parkway to Highland Park, and thence about a mile and a half by Jamaica avenue and Forest Parkway to the new south entrance. By

this route the Park is nearly six miles from Prospect Park. It is a walk of about three-quarters of a mile by Jamaica avenue and Lott avenue from the terminal station of the East New York Branch of the elevated railroad to Brooklyn Forest. Of the two steam railroads which intersect the Park, one, the Rockaway Branch of the Long Island Railroad, already has a station in the edge of the Park at Myrtle avenue, and the other, the South Shore Branch of the Long Island Railroad, is soon to have a station in the edge of the finest woods in the Park, south of Metropolitan avenue.

The Park is divided by railroads and by broad city avenues into six blocks of land, three south and three north of Myrtle avenue. Of the former the westernmost is separated from the middle one by Woodhaven avenue, and this from the next by the Rockaway Branch of the Long Island Railroad. Of the other three the westernmost is separated from the middle one by the South Shore Branch of the Long Island Railroad, and the middle one is separated from the easternmost by Metropolitan avenue.

Topographically, Brooklyn Forest is interesting from the fact that it includes about two and a half miles of the series of ridges and elongated hills, which, as they extend lengthwise through the middle of Long Island, are frequently described as the "backbone of the Island." From the west boundary of the Park eastward to near Woodhaven avenue, there is a very pronounced and nearly straight ridge, the crest of which is generally about 180 feet above the sea and the south face of which slopes steeply and with marked uniformity down to the south boundary, beyond which lies a gently sloping, smooth plain, stretching south to Jamaica Bay, three and a half miles distant. This plain is evidently going to be occupied within a generation by a dense population. At many points and for considerable distances, magnificent views are commanded from this ridge over the Atlantic Ocean, and the intervening beaches, bays and the city. The private lands immediately south of the Park are generally sixty or eighty feet below the top of the ridge, so that few buildings are likely to obstruct it. North of the ridge the land is irregular and rolling, but has a general inclination downward to the north boundary, which is generally about eighty feet below the summit of the ridge. The ridge is, therefore, high enough above the growing portions of the city north of the Park to overlook ordinary buildings and most

SKETCH of
FOREST PARK

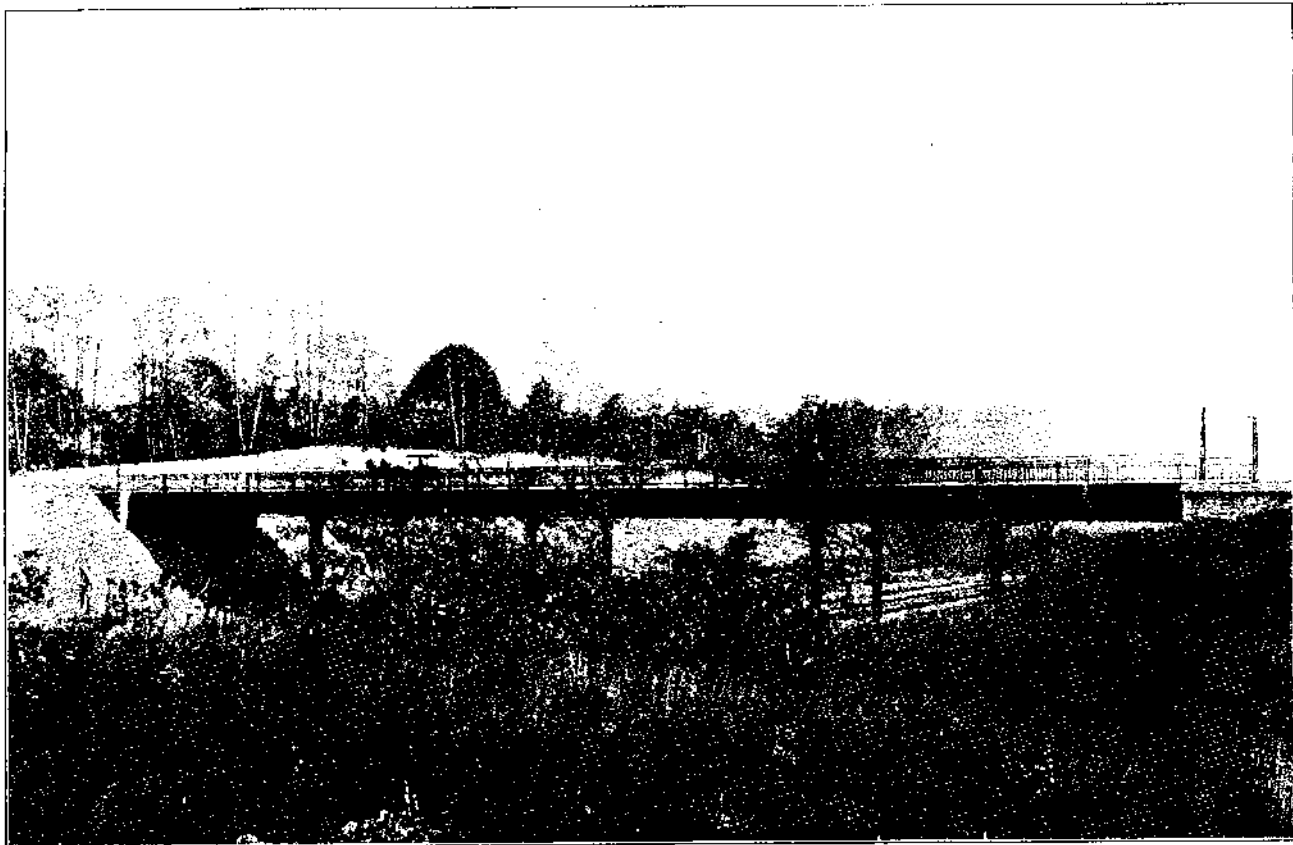


MAP OF FOREST PARK.

trees, but the woods in the Park itself for the most part obstruct the outlook in this direction. However, occasional gaps in the woods afford charming views extending across the Park and the rapidly growing city north of the Park, and across Long Island Sound, with its picturesque shores occupied by luxurious country residences, to the hills of Westchester County and Connecticut. East of Woodhaven avenue to the east boundary of the Park the land is more irregular. There are hills as high as the ridge west of Woodhaven avenue, but the woods are more continuous and taller, thus restricting the opportunities for distant views, except at the extreme east end of the Park, where there is a hill free of woods on its north slope, and just high enough to command a broad view to the north over Flushing Bay and Long Island Sound.

Geologically, the park is interesting because this ridge is a marked evidence of the working of the great forces which brought the whole of Long Island into existence. Briefly the geological origin of this ridge was as follows:

During the last glacial epoch the ice gradually accumulated around the north pole in a continuous sheet, which covered the northern part of this continent, including Connecticut, to a depth of several thousand feet. This ice sheet, moving slowly, like a glacier, from the hills of Vermont and New Hampshire toward the ocean, scraped much earth from the rocky knolls and valleys of Connecticut and pushed it clear across the bottom of Long Island Sound far out to sea—to this ridge, in fact—where the ice broke off into icebergs or, melted by the warmer air from the ocean, turned into huge rivers, which eddied and swirled, tossing the sand and gravel on the bottom into huge sand spits and shoals, or washing out deep channels through previous deposits and carrying the finer sand and mud far out to sea. As the climate grew warmer the ice sheet melted gradually down and the waters of the ocean flowed slowly back south of the equator, and this ridge extending, with some gaps, from Brooklyn to Montauk, and appearing still further east as Block Island, Nantucket and Cape Cod, gradually rose out of the ocean. Washed down by the rain storms of many centuries until clothed by the protecting growth of vegetation, the original tumultuous dumps of boulders, gravel and earth have become smoothed and softened in outline, but even yet there is a marked effect of boldness of hill and dale as compared with the plains north and south of the park.



BRIDGE OVER ROCKAWAY BEACH ROAD, FOREST PARK.

The sylvan beauties of this Park will always be, for most visitors, the chief attraction. Crowds of picnickers already resort to the woods in summer, who do not search for the points where distant views are obtainable, who give no thought to the geological history of the district, or its effect upon the topography.

The ruggedness of much of the Park and the consequent poverty of the soil has led many of the farmers to whom the land has belonged, to maintain woodlots upon the high lands, though others, after cutting off the timber, instead of permitting it to grow up again, have attempted to secure quicker profits by cultivating even the steepest slopes and highest knolls. The greater part of the Park is made up of second growth woods, broken by patches of open, cultivated or pasture land, having rectangular outlines by no means adjusted to the topography, and sometimes subdivided into smaller fields by straight fences, along which trees have sprung up and have grown so large that one would hesitate to cut them. The woods, even, are broken into more or less rectangular patches, upon which the trees have been cut at different periods, some so recently that the sprout growth looks more like shrubbery than trees, and some of these trees have sprouted from the stumps and have grown tall, but are so crowded that they are spindling and monotonous, and, yet, not large enough to be dignified. It need scarcely be said that this patchiness and these straight lines of trees and woodland margins are ugly and discordant, and that the scenery of the Park should be made to appear less utilitarian. This can be done without great expense, but it requires careful study, the following of a comprehensive plan of improvements, and long continued guidance of both old and new plantations by suitably trained men. Pasturing and wood fires have, in times past, greatly injured the beauty of the woods, the former by suppressing most of the undergrowth of bushes and little seedling trees, to which much of the detailed beauty of deciduous woods is due, especially when the overtopping trees have not attained to notable age and size; and the latter, also in the same way, but, also, by burning out the trunks of the larger trees and thus, either killing them, or hastening their destruction by storms.

The soil of the Park is mostly a coarse, dry gravel, mixed with a light loam, which, while affording excellent support for trees, is ill-adapted for growing good turf, since it dries out

very quickly on the surface. For this reason (if for no other) it is evident that the Park as a whole should be covered with woods. Hence the ground which is now open should be covered densely with trees, care being taken to plant only the low-growing sorts, such as flowering dogwoods, viburnums and thorns, where it is important to keep views open over them.

For various reason some changes in the boundaries are urgently needed. The improvement of the forest can be carried on slowly without very serious detriment to the value of the Park, but where additional land is needed prompt action is required, lest advance of valuation, erection of buildings and improvements of streets combine to make the cost prohibitory. Owing to topographical considerations, the main drive of the Park has been so laid out that in three or four places it comes within a few feet of the boundary, which, in these instances, was determined by old property lines, or restricted by difficulties of land purchase, or insufficiency of appropriation, instead of being made to fit the topography and determined in accordance with the requirements of good Park



STATEN ISLAND AND FORT WADSWORTH—VIEW FROM BENSONHURST.

design. For instance, at the east end of the Park the south boundary crosses over the very summit of a hill which was included in the Park expressly in order that the drive might be carried to its summit for the sake of enabling drivers and cyclers to enjoy the beautiful view to the northward, but the drive comes within a few feet of the adjoining private land to the south. At present this adjoining land is pleasantly wooded; but when some houses come to be built there, the conditions will surely change for the worse. The slope is so steep that it is not practicable to run a street over the hill along the Park boundary, and even if it were, there would be no room left for houses. It seems likely, therefore, that if a strip of this adjoining land is not added to the park, there will be houses and stables close to the drive in the park, with no space left for an efficient border plantation. Again, the beautiful view of Flushing Bay now commanded from this hill will surely be completely blocked, in time, by houses and trees in the private lands adjoining the park, unless the boundary is carried further down the slope to the east. Even then buildings on the private lands north of this hill will eventually be erected of a city type that would be so tall as to obstruct the view. It might be possible to secure restrictions upon these lands that would prevent this injury to the value of the park.

But the most striking disadvantage from which the park suffers is in being intersected by the several broad city avenues and the two steam railroads already mentioned. We have been much distressed by this very serious defect, and deem it most important that it should be ameliorated by every possible means. The most obvious necessity is that the park drives and walks in crossing these avenues and railroads should pass either above or below them instead of crossing them on grade. But this is not enough. The crossings should be carefully disguised by constructing tunnels covering the avenues and railroads, and extending so far on each side of the park drives as to admit of mounds with dense plantations upon them being carried over the tunnels. By this means one might cross these city avenues and steam railroads without having them forced so disagreeably upon one's attention, and even without losing the sense of continuity and unity, so precious to those visitors to the park who seek it to enjoy a beautiful, natural landscape, which has been preserved for the

purpose of affording a convenient and agreeable opportunity of escape from the nervous strain due to the harsh noises and multiplicity of artificial sights of the city.

We submit a very rough sketch plan, which is intended to illustrate several of these general suggestions as to improvement of the boundaries, building tunnels over the avenues and railroads, and laying out additional drives to make the local scenery more available to drivers and cyclers, and to afford alternative routes through the park. In attempting to prepare this sketch plan, it has become obvious, as we urged when we were employed, that a good topographical map is essential if any well balanced, logical and agreeable system of drives and walks is to be gradually developed. Such a map would also be invaluable in many other ways, especially in studying improvements of the forest. We trust that its preparation may be entered upon at once.

Yours respectfully,

F. L. & J. C. OLMSTED.

SOME OF THE WORK DONE.

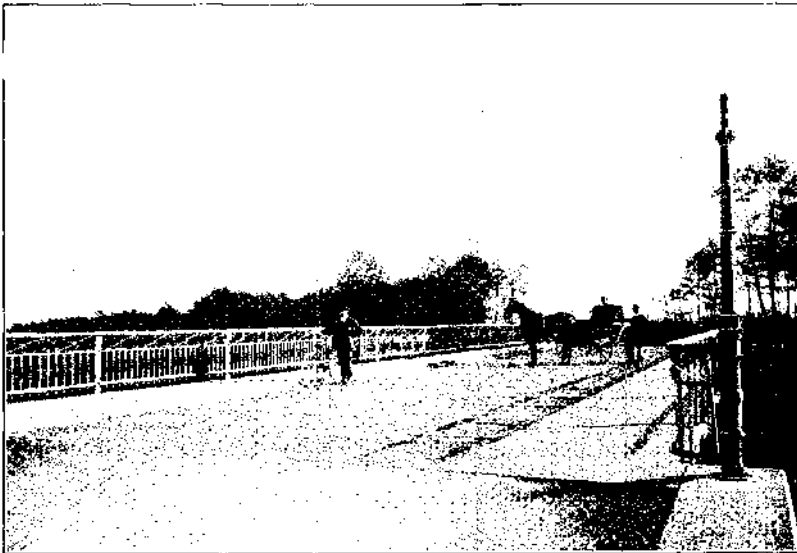
The balance of the fund, exclusive of purchase fund, for the development of this and other County parks when I entered upon the work was less than \$50,000, but with the limited means at my command, I determined to make Forest Park accessible. To do this, a drive about three miles in length was needed. The general design had been prepared by Olmsted, Olmsted and Eliot, the Landscape Architects, Advisory, and about one-third of the grading had been done. Under a contract made after competition, I had the grading completed for \$7,000.00, a macadam road built from Jamaica avenue to the line of the main drive for \$5,000.00, two steel bridges—one 216 feet long and 36 feet wide, built over the Rockaway Beach branch of the Long Island Railroad, and one 96 feet long and 36 feet wide, built over the Myrtle avenue trolley road—at a total cost of \$10,739.00, a brick arch erected to save a charming woodland path for \$2,200.00, and the main drive macadamized for ninety cents per lineal foot, complete. In addition

5,000 feet of iron fence were put up along the lines of the park where it was deemed wise to establish a boundary, at a cost of 85 cents per lineal foot, and the boundaries were monumented.

All of the work was done in the best manner, and the money was wisely and economically expended.

A NURSERY STARTED.

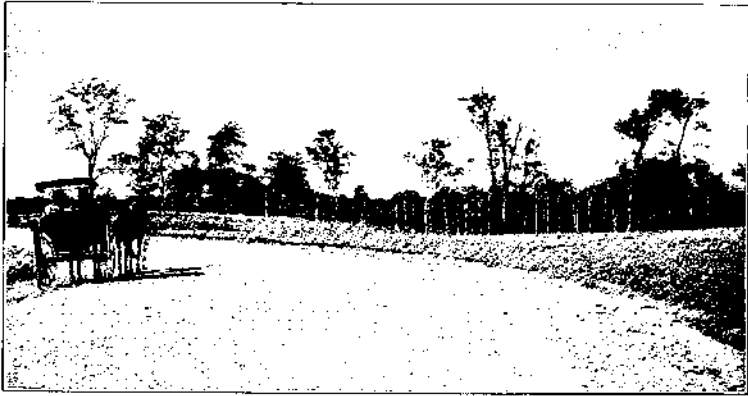
A nursery for the use of this and other parks was started under the direction of an experienced man, and from this in a



MYRTLE AVENUE BRIDGE, FOREST PARK.

few years can be taken all the shade and ornamental trees required in the section of the Park Department controlled by the Commissioner selected to look after the development of the parks and parkways in the Boroughs of Brooklyn and Queens.

Already the attractiveness of Forest Park has been appreciated. Thousands have driven or strolled through it the past year, picking flowers and enjoying its manifold privileges.



ON THE MAIN DRIVE, DYKER BEACH.

Many Sunday-school and private picnics have been held within its borders. Not only will it be appreciated by people this side of the East River, but in the near future the residents of the adjacent Borough of Manhattan will flock to it in multitudes to enjoy the attractions which cannot be duplicated in the parks of the older city.

DYKER BEACH.

Dyker Beach, the park lying between Seventh avenue and Cropsey avenue, only required a drive to make it of use to hundreds of pleasure riders who wished for a circular drive, beginning and ending at Prospect Park. To meet this requirement a fine macadam road was built, extending from Seventh avenue, opposite the Dyker Meadow Golf Club House, to Cropsey avenue. The plantations were created, the side hills covered with grass and the beach cleaned up and made available for bathers. There were only a dozen free bath-houses constructed, but the design of the park provides for a large permanent structure for this purpose. It is the intention of the Department to construct a road along the shore, and to obtain permission from the National government to extend the drive over the property included in the Fort Hamilton fortifications. This

will connect the Park with the Shore Drive. The local Congressmen have been consulted, and they have agreed to use their influence with the War Department to secure this privilege, as it will not, in any way, interfere with the plan of the fortifications, the land being now used merely as a practice ground for horses. There is no doubt that as soon as the Department is ready to extend the road the permission will be granted.

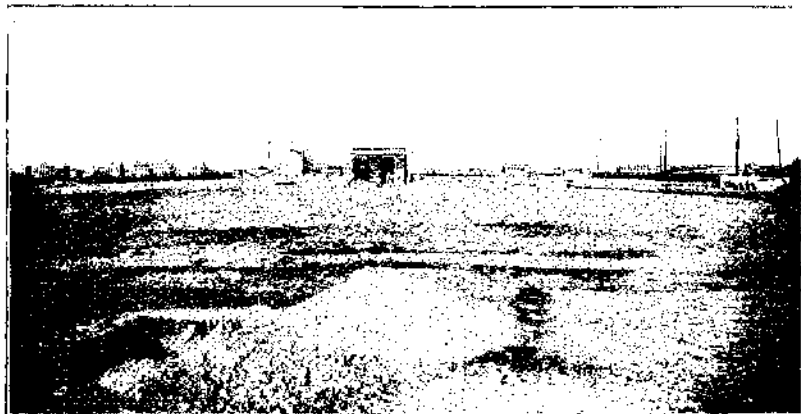
The lagoon feature of the Park was not taken up the past year because of the expense involved and the lack of funds to meet it. In the near future it will undoubtedly be carried into effect and the contemplated shelters will be erected. Then this Park, with its fine bathing and fishing, its scenic attractions and its magnificent golf grounds, will be greatly enjoyed by thousands of people.

BENSONHURST BEACH.

Passing from Dyker Beach along Cropsey avenue, Bensonhurst Beach is reached. During the past year this has been converted into a most attractive park. The northerly section



THE SHORE DRIVE, BENSONHURST PARK.



IRVING SQUARE, 1896.

was graded, walks built, lawns created and flower beds formed. Close to the beach a fine drive was constructed, connecting Eighteenth and Twenty-second avenues. This Park is now completed. It has been greatly enjoyed by the residents of the surrounding neighborhood, and by the bicycle riders who have taken advantage of the opportunity to rest and enjoy the cool breezes and sea views.

CANARSIE BEACH.

This seaside Park has not required any attention during the year, having sufficient natural attractions to satisfy its visitors. Its fine frontage on Jamaica Bay makes it very valuable for park purposes, and when fully developed it will be greatly appreciated by the people.

SMALL COUNTY PARKS.

New Lots Playground, located in the section of the city inhabited almost entirely by Russian Jews, has received considerable attention. It has been fenced in, brought to a uniform grade, paths have been laid out, trees planted, and by the coming season it will be in shape to be enjoyed.

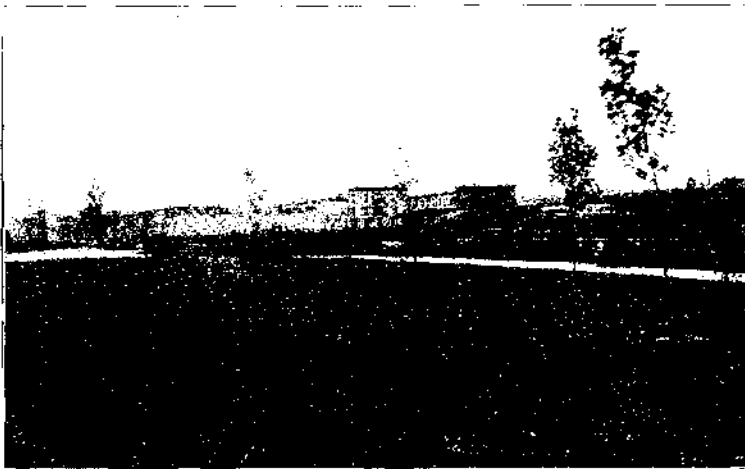
Cooper Park, which comprises the property that made up the Cooper Homestead, is now one of the most attractive of

the smaller parks. Located in a tenement district, it is greatly appreciated. Much work was required to produce results, because of the character of the soil and the gases that contaminated the atmosphere, due to chemicals used in the factories along Newtown Creek. This peculiarity of atmospheric conditions made it necessary to give particular attention to the kind of trees and plants set out. The results have been highly encouraging. In addition to planting, the Park has been fenced in by a new iron fence.

FROM SAND HILL TO PARK.

Irving Square has been converted into a very attractive breathing spot for the people, and demonstrates how a sand hill—its original condition—can by diligence and skill be changed to a beauty spot where people may enjoy the bright flowers and lawns. The Park was fenced in, trees planted along the outer walks and within the grounds, and the arrangement of meadow and floral effects was exceedingly tasteful. The general result far exceeded anticipation.

Saratoga Square, covering a full city block, was also fenced in and laid out with great care. It has become an attractive pleasure spot for the people and has been greatly enjoyed.



IRVING SQUARE, 1897.

Lincoln Terrace, located at the junction of Eastern Parkway and its two extensions with Buffalo avenue and Rockaway Parkway, the latter a driveway yet to be constructed, will preserve a view of land and sea worthy of preservation. The park has received considerable attention during the year, and is now ready for public use. Winding walks have been laid out in it so as to afford attractive points of observation, trees have been set out, flowers planted and fine lawns created. The grounds have been fenced in and the outer walks have been covered with a cinder path, topped with bluestone and edged with grass and rows of trees. An irrigating system has been



SARATOGA SQUARE, 1896.

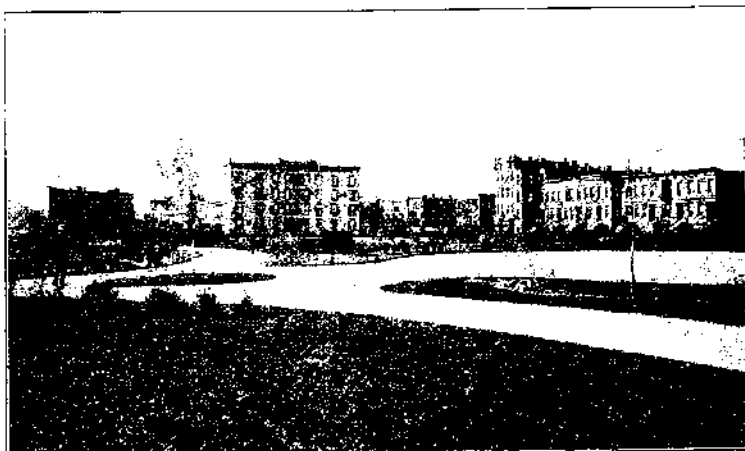
provided and proper drainage supplied. Next season's growth will make this small park one of the most attractive in the system.

Linton Park, covering a block in extent, has not yet been developed. It is located in the center of a growing section of the Twenty-sixth Ward, destined in a few years to become a very attractive part of the city. The park will then be a most desirable one, and will be appreciated by the large numbers of people who reside in the community. During the past year it has been fenced in, and during the coming year the plan for its development should be prepared and work begun.

FINANCES.

HOW THE MONEY FOR THE COUNTY PARKS AND PARKWAYS WAS EXPENDED DURING THE YEAR.

For purchase of County parks and parkways together with the improvement, the sum of \$7,560,000.00 was raised by a sale of bonds of the County of Kings in 1895.



SARATOGA SQUARE, 1897.

Of this amount there has been expended all but \$256,125, of which \$254,203.35 is to the credit of the Bay Ridge Parkway (Shore Drive), \$1,868.91 to the credit of the Eastern Parkway Extension, and \$52.74 to the credit of the Twenty-sixth Ward street fund.

Against the Shore Drive fund there are outstanding contracts covering the construction fund balance, and the amount to the credit of the purchase fund is hardly sufficient to purchase the remaining pieces of property.

COUNTY PARKS.

The amount to the credit of the County Park fund, including premiums, receipts for rents, interest, etc., aggregates \$2,650,568.55.

Of this amount there was expended:

For purchase of property.....	\$2,117,297 22
For expenses.....	55,861 10
For construction.....	254,610 23
Making a total of.....	<u>\$2,427,768 55</u>

The sum of \$222,800.00 was taken from the Department by the County Treasurer, who claimed that this sum, which was the premium on the sale of the bonds, belonged to him for other purposes.

The cost of the Parks was:

Dyker Beach.....	\$229,942 00
Bensonhurst Beach.....	88,000 00
Lincoln Terrace.....	123,940 00
Canarsie Beach.....	100,667 62
Brooklyn Forest.....	1,276,772 60
New Lots Playground.....	16,000 00
Linton Park.....	35,000 00
Cooper Park.....	55,000 00
Irving Square.....	70,000 00
Saratoga Square.....	121,975 00
Grand total.....	<u>\$2,117,297 22</u>

The expenditures during the past three years were as follows:

Expended in 1895—\$1,772,231.73 as follows:

For property.....	\$1,747,045 00
For expenses.....	23,986 73
For construction.....	1,200 00
Total.....	<u>\$1,772,231 73</u>

Expended in 1896—\$799,774.03 as follows:

Property.....	\$350,522 22
Expenses.....	30,068 81
Construction.....	196,383 00
Total.....	<u>\$576,974 03</u>
Returned to County Treasurer.....	222,800 00
Total.....	<u>\$799,774 03</u>

Expended in 1897—\$78,562.79 as follows:

Property.....	\$19,730 00
Expenses.....	1,805 56
Construction.....	57,027 23
Total.....	<u>\$78,562 79</u>

EASTERN PARKWAY EXTENSION.

There was appropriated for the purchase of property and the construction of the Eastern Parkway Extension \$1,200,000.00. For the sale of houses on the line of the extension the Department received \$4,215.00, making a total of \$1,204,215.00.

There has been expended to date:

For property.....	\$774,518 94
For expenses.....	55,630 35
For improvement.....	372,196 80
Making a total of.....	<u>\$1,202,346 09</u>
And leaving a balance of.....	1,868 91

With which to pay the awards made to

John J. Sackman.....	1,100 00
And Ellen M. Rea.....	725 00
A total of.....	<u>\$1,825 00</u>

Thus leaving for other expenditures such as costs allowed by court to attorneys of \$43.91, an amount that will not cover the demands.

The expenditures divided by years were as follows:

1895.....	\$2,406 45
1896.....	91,776 07
1897.....	1,108,163 57
Total.....	<u>\$1,202,346 09</u>

BAY RIDGE PARKWAY.

For the purchase and expense account there was appropriated \$3,350,000.00. The income for rents, etc., was \$3,995.14, which was added to the purchase account, making a total of \$3,353,995.14. There has been expended to date for purchase of property, \$3,230,691.86, and for expenses, \$47,372.17, making a total of \$3,278,064.03, and leaving a balance to this account of \$75,931.11 with which to purchase the following pieces of property on the approaches, all of the land on the Shore having been secured:

Land of Elizabeth Lyons, being condemned.

Land of Anton and Martha Weck, being condemned.

Heirs of Grace Thomas Frere, lessee, no action taken.

Burial ground, agreement made, but broken by the intervention of a lawyer for the church.

Kings County Gas Company, no action taken.

The amount to the credit of the Construction Fund was \$250,000.00; of this sum there has been expended \$71,727.76, leaving a balance of \$178,272.24, against which there are outstanding contracts, which will require nearly all of this amount to settle.

The expenditures amounted to during the years

1895.....	\$2,283,852 66
1896.....	890,822 54
1897.....	175,116 59

TWENTY-SIXTH WARD STREET FUND.

There was to the credit of the fund known as the Twenty-sixth Ward Street Improvement Fund the sum of \$350,000.00. Of this sum there has been expended \$349,947.26, leaving a balance of \$52.74.

The money has been expended as follows:

For construction and care of Bicycle Path.....	\$103,090 41
Bushwick avenue	21,339 60
Glenmore avenue	130,581 78
New Lots road.....	7,697 68
Pennsylvania avenue	52,802 75
Return road, etc.....	19,624 20
Fort Hamilton avenue.....	14,810 84
	\$349,947 26
Expended in 1896	\$273,853 42
" " 1897	76,093 84
	\$349,947 26

RÉSUMÉ OF COUNTY ACCOUNTS.

	Appropriation and Revenue	Expended.	Balance.
Bay Ridge Park- way.....	\$3,603,995 14	\$3,349,791 79	\$254,203 35
County Parks....	2,427,768 55	2,427,768 55	
Eastern Park- way Exten- sion.....	1,204,215 00	1,202,346 09	1,868 91
Twenty-sixth Ward streets.	350,000 00	349,947 26	52 74
County roads....	1,281 64	1,281 64	

A DETAILED STATEMENT OF EXPENDITURES.

BAY RIDGE PARKWAY (Shore Drive).

The expenditures incurred to January 1, 1898, in connection with the Bay Ridge Parkway were as follows:

1897.		
Jan.	26—Weekly pay-rolls Nos. 834 to 837, inclusive....	\$70 00
	R. D. Benedict, professional services.....	440 00
	Olmsted, Olmsted & Eliot, professional services	538 54
	The Brooklyn Citizen, advertising.....	87 15
	Brooklyn Daily Times, advertising.....	56 16
	H. A. Summers & Co., stationery	4 25
	William Jackson, professional services.....	500 00
	L. M. Lent, professional services.....	1,000 00
Feb.	23—Weekly pay-rolls Nos. 838 to 841, inclusive....	70 00
	24—Thomas Gilbride, work on Lane dock.....	7,490 00
March	2—Weekly pay-roll No. 842.....	17 50
	12—Thomas Gilbride, work on Lane dock.....	1,500 00
	16—Weekly pay-rolls Nos. 843 and 844.....	35 00
	18—Emanuel Strauss, lease and property.....	800 00
	Benjamin B. Baptiste, lease and property....	2,500 00
	22—Edwin C. Swezey, professional services	240 00
	24—J. Kaiser, lease and property.....	1,800 00
	30—Weekly pay-rolls Nos. 845 and 846.....	35 00
	P. Lent & Co., professional services	485 35
	Title Guarantee & Trust Co., professional services	234 51
April	5—Martin Mauer, lease and property at Circle...	150 00
	10—Frank Squier, Treasurer, Shore Road Commission, for disbursing	1,119 73
	20—Weekly pay-rolls Nos. 847 to 849, inclusive....	52 50
	24—Henry Martin, property and lease.....	500 00
	26—Brooklyn Daily Eagle, printing	47 00
	John Schmitt, cleaning cesspools.....	988 00
May	4—Weekly pay-rolls Nos. 850 and 851	38 50
	6—Brooklyn Heights Railroad Company, property and franchises.....	48,750 00

May	6—Nassau Electric Railroad Company, franchise rights, etc.....	\$7,500 00
June	2—Weekly pay-rolls Nos. 852 to 855, inclusive....	84 00
	5—James Bryar, property.....	1,250 00
	8—Kings County Gas & Illuminating Company, moving mains, etc.....	1,482 00
	15—Weekly pay-rolls Nos. 856 and 857.....	42 00
	19—Cody Bros., work on Shore Road.....	2,800 00
July	13—Pay-rolls Nos. 858 to 861, inclusive.....	84 00
	The Standard Union, advertising ...	2 10
	Kings County Gas & Illuminating Company, moving mains, etc.....	1,643 00
	Cody Bros., work on Shore Road.....	4,000 00
	20—L. W. Lawrence, stationery.....	10 50
	F. L. & J. C. Olmsted, professional services...	575 95
	Brooklyn Daily Eagle, advertising.....	4 80
Aug.	10—Kings County Gas & Illuminating Company, moving mains, etc.....	1,539 00
	17—Weekly pay-rolls Nos. 862 to 866, inclusive....	105 00
	William Jackson, professional services.....	551 68
	The Brooklyn Citizen, advertising.....	2 40
Oct.	5—Weekly pay-rolls Nos. 867 to 873, inclusive....	147 00
	Theresa M. and Kate Bennett, property.....	10,000 00
	9—The Brooklyn Daily Eagle, advertising.....	6 30
	The Standard Union, advertising.....	4 50
Nov.	3—Weekly pay-rolls Nos. 874 to 877, inclusive....	84 00
	Edwin C. Swezey, C. E., professional services..	1,438 23
	9—George Fruh, work on Shore Road.....	11,200 00
	Cody Bros., work on Shore Road.....	6,800 00
	Cody Bros., work on Shore Road.....	14,400 00
	23—Weekly pay-rolls Nos. 878 to 880, inclusive....	63 00
	25—George E. Waldo, Condemnation Commissioner.	100 00
	William H. Muldoon, Condemnation Commissioner	100 00
	Benjamin F. Blair, Condemnation Commissioner	100 00
	Robert H. Roy, Condemnation Commissioner.	75 00
	T. Alfred Vernon, Condemnation Commissioner.	75 00
	George Gretsinger, Condemnation Commissioner	75 00
	Ruth Howell, stenographic services.....	39 30

Nov.	25—Kings County Gas & Illuminating Company, moving mains.....	\$682 50
	Edwin C. Swezey, C.E., professional services..	4,200 00
	Brooklyn Daily Eagle, advertising.....	11 50
	The Brooklyn Citizen, advertising.....	4 50
Dec.	7—Weekly pay-rolls Nos. 881 and 882.....	42 00
	Frank H. Tyler, Condemnation Commissioner.	280 00
	Edward P. Thomas, Condemnation Commis- sioner	280 00
	John Brenner, Condemnation Commissioner...	280 00
	Ruth Howell, stenographic services.....	254 40
	Stephen C. Halstead, expert witness.....	50 00
	Title Guarantee & Trust Company, searching titles	149 75
	14—Brooklyn Daily Eagle, advertising.....	135 35
	The Daily Standard Union, advertising.....	85 95
	The Brooklyn Citizen, advertising.....	30 45
	The Engineering News, advertising.....	11 40
	William M. Perkins, stationery.....	6 25
	Edward J. Nowaczeh, model of Shore Road...	81 60
	Edward C. Swezey, C.E., disbursements.....	294 73
	Josephine Agar, stenographic services.....	250 00
	Kings County Gas & Illuminating Company, moving mains, etc.....	828 50
	Weekly pay-roll No. 883.....	21 00
	Lamb & Johnson, professional services.....	2,260 00
	18—Francis T. Ingraham, interest in Mackay prop- erty	8,044 00
	George S. Ingraham, interest in Mackay prop- erty	83 00
	Matilda S. Fischer, interest in Mackay property.	2,581 62
	Sidney V. Lowell, interest in Mackay property.	2,115 69
	Catharine I. Mackay, interest in Mackay prop- erty	13,203 89
	21—Weekly pay-roll No. 884.....	21 00
	23—Stephen C. Halstead, expert testimony.....	50 00
	William L. Dowling, expert testimony	50 00
	William J. Tate, expert testimony	125 00
	28—R. D. Benedict, professional services.....	1,199 90
	Weekly pay-roll No. 885	21 00

DEPARTMENT OF PARKS.

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Dec.	30—E. C. Swezey, professional services, etc.....	\$793 67
	31—Benjamin Estes, services Condemnation Commission	150 00
	John J. Walsh, services Condemnation Commission	150 00
	T. McCants Stewart, services Condemnation Commission	150 00
	Ruth Howell, Stenographer.....	117 44
	Title Guarantee and Trust Co	69 55
	Pay-roll No. 886	18 00

COUNTY PARKS.

The expenditures incurred to December 31, 1897, in connection with the County Park fund were as follows:

1897.		
Jan.	7—J. & F. Kelly, trestle at Dyker Beach.....	\$4,925 04
	9—The Anchor Post Co., fence at Lincoln Terrace	644 65
	18—Libbie Rue, land at Forest Park.....	425 00
	Ida R. Schepp, land at Forest Park.....	325 00
	Albert Stutzman, land at Forest Park	415 00
	26—R. C. F. Combes, M.D., furnaces, etc.	499 84
	Ferdinand Buckheit, land at Forest Park.....	700 00
Feb.	2—Wilhelm Sauer, land at Forest Park.....	600 00
	8—Ida R. Schepp, land at Forest Park.....	25 00
	17—F. G. Petzold, land at Forest Park.....	3,925 00
	Wilhelmina Petzold, land at Forest Park.....	375 00
	26—Frederick Balz and Preston A. Wright, land at Lincoln Terrace	1,400 00
Mch.	8—J. Elbert, land at Forest Park.....	325 00
	Elessif A. S. Newcomb, land at Forest Park .	750 00
	18—Peter J. O'Neil, land at Forest Park	1,125 00
	Paul E. DeFere, services	50 00
	30—Johnson & Lamb, professional services.....	1,023 00
	Title Guarantee and Trust Co., services	232 56
	Walter M. Meserole, C. E., engineering services	1,114 63
April	1—W. A. Cattell, C. E., engineering services.....	300 00
	5—H. J. Mullen, bridge piers.....	1,175 00
	H. J. Mullen, work on roads in Forest Park..	2,123 11

April	9—William J. Wheeler, commission.....	\$100 00
	Charles B. Wheeler, commission.....	100 00
	Charles G. Davison, commission.....	100 00
	19—Mary Graham, house, Lincoln Terrace.....	15 00
May	1—H. J. Mullen, constructing road.....	1,934 07
	H. J. Mullen, bridge piers... ..	1,596 95
	3—David G. Leggett, land at Forest Park	9,000 00
	10—Jamaica Township Water Co., water.....	11 25
	19—Dominick F. Dowd, land at Forest Park	325 00
	20—W. A. Cattell, C. E., engineering services.....	300 00
	29—H. J. Mullen, road work.....	2,814 90
	J. W. Van Ostrand, road work.....	720 00
	H. J. Mullen, bridge piers.....	623 00
	H. L. Palmer, expenses.....	32 94
June	4—Orr Bros., brick.....	174 00
	Long Island Water Supply Co., water.....	40 00
	11—F. J. Ashfield, carpenter work.....	347 00
	16—H. J. Mullen, road work.... ..	533 00
	18—John F. Maillie, road at Dyker Beach	1,040 40
	19—The Rogers Iron Co., fence.....	78 00
	C. Yongen, cesspool.....	40 00
	24—H. J. Mullen, building Arch	1,931 00
	W. A. Cattell, professional services	340 00
	28—H. J. Mullen, road work.....	1,021 67
	J. W. Van Ostrand, road work	1,343 40
July	6—F. L. & J. C. Olmsted, professional services....	889 88
	13—John F. Maillie, road at Dyker Beach.....	1,040 40
	21—W. A. Cattell, C. E., professional services.....	375 00
	The Wrought Iron Bridge Co., bridges at Forest Park	7,739 00
	John F. Maillie, road at Bensonhurst Beach ...	717 00
Aug.	5—J. W. Van Ostrand, road at Forest Park.....	300 06
	6—John F. Maillie, road at Dyker Beach.....	1,040 40
	11—The Rogers Iron Co., fence.....	110 20
	Walter M. Meserole, C. E., engineering services	200 00
	21—J. F. Maillie, road at Dyker Beach and Benson- hurst Beach.....	2,044 20
	J. W. Van Ostrand, road at Forest Park.....	1,153 88
Sept.	1—John F. Maillie, road at Bensonhurst Beach....	430 20
	15—H. J. Mullen, road at Forest Park.....	650 00

Sept.	22—John F. Maillie, road at Dyker Beach and Bensonhurst Beach.....	\$1,858 40
	23—The Rogers Iron Co., fence.....	1,409 25
	27—C. P. Lawrence, painting.....	119 82
Oct.	2—J. W. Van Ostrand, road at Forest Park.....	1,144 26
	9—George Eiselstein, erecting fence.....	56 00
	23—J. W. Van Ostrand, road at Forest Park.....	497 80
	John F. Maillie, road at Forest Park.....	1,950 00
	27—The Rogers Iron Co., fence.....	1,229 10
Nov.	5—John F. Maillie, road at Forest Park.....	2,441 00
	9—J. W. Van Ostrand, road at Forest Park.....	858 60
	23—George Eiselstein, painting fence.....	50 00
	29—John F. Maillie, road at Forest Park.....	2,105 00
Dec.	10—R. Muldoon, services.....	39 00
	22—The Rogers Iron Co., fence.....	1,044 65
	30—Geo. A. W. Brown & Co., coal.....	25 00
	Geo. Schwenge, plumbing work.....	5 28

EASTERN PARKWAY EXTENSION.

The expenditures incurred to January 1, 1898, in connection with the extension of the Eastern Parkway, were as follows:

1897.		
Jan.	5—Michael J. Dady, on account of viaduct.....	\$4,478 16
	Michael J. Dady, on account of east section....	24,733 58
	Weekly pay-roll No. 834.....	12 50
	12—S. W. Salt, coach hire.....	4 00
	Cronyn & Holland, stenographic services.....	245 00
	S. S. Goodwin, expert testimony.....	275 00
	Benjamin Dreisler, expert testimony.....	35 00
	Weekly pay-roll No. 835.....	31 26
	Fry & Lyle, expert testimony.....	250 00
	James Cornelius, expert testimony.....	50 00
Feb.	2—M. J. Dady, on account of east section.....	3,261 60
	M. J. Dady, on account of viaduct.....	7,468 32
	C. H. Tiebout & Sons, iron work.....	25 66
	Leonard Moody, expert services.....	378 00
	Cronyn & Holland, stenographic services.....	132 80
	Weekly pay-rolls Nos. 836 to 842, inclusive....	211 26

March	2—M. J. Dady, on account of east section.....	\$2,193 98
	B. J. Fowler, expert testimony.....	221 00
	Nicholas Sauer, sewer pipe work.....	85 73
	Cronyn & Holland, stenographic services.....	77 50
	12—Walter M. Meserole, C. E., engineer services... ..	1,710 96
	Weekly pay-roll No. 843.....	27 50
	16—Weekly pay-roll No. 844.....	30 00
	M. J. Dady, on account of viaduct.....	5,491 92
	23—Cronyn & Holland, stenographic services.....	67 20
	29—Richard Schermerhorn, map for commissioners	2,400 00
April	3—Thomas F. Byrnes, on account of west section.	2,100 23
	M. J. Dady, on account of east section.....	6,105 16
	10—Grout, Jenks, Mayer & Hyde, use of offices....	798 60
	Weekly pay-rolls Nos. 845 to 848, inclusive....	197 75
	12—M. J. Dady, on account of viaduct.....	2,058 00
	20—Weekly pay-roll No. 849.....	65 25
	27—Pay-roll No. 850.....	67 50
May	1—Thomas F. Byrnes, on account of west section.	3,013 63
	Michael J. Dady, on account of east section... ..	7,559 73
	3—Charles H. Hyde, attorney, professional serv- ices.....	2,530 60
	The Standard Union, advertising.....	39 00
	William Walton, services as Condemnation Commissioner.....	3,870 00
	Edward J. O'Flynn, services as Condemnation Commissioner.. ..	3,940 00
	Francis Gross, services as Condemnation Com- missioner.....	3,970 00
	5—Valeintine Kaiser, plot No. 151... ..	1,890 00
	6—James E. Watt, plot No. 315.....	1,645 06
	Daniel J. Creen, plot No. 194.....	7,500 00
	Annie N. Meehan, plot No. 297.....	850 06
	Gottlieb Crossman, plot No. 105.....	2,150 00
	Worthington Gregory, plot No. 188.....	1,500 00
	Richard Goodwin, plot No. 313.....	8,050 06
	Catharine Rember, plot No. 97.....	800 00
	Maria Anna Friedl, plots Nos. 108 and 109....	2,175 00
	John Rohrer, plot No. 129.....	50 00
	Clarissa C. Earl, plot No. 322.....	1,925 06
	Max M. Rosenberger, plot No. 137.....	800 00

May	6—John F. Schrieber, plots Nos. 138 and 139.....	\$4,300 00
	7—Abrota S. Cardwell, plot No. 153.....	3,500 00
	Frederick T. Eden, plot No. 193.....	9,100 00
	Jacob W. Erregger, plots Nos. 170 to 174, inclusive.....	3,950 00
	Isabella G. Gillespie, plot No. 320.....	1,800 06
	Nellie Carberry, plots Nos. 126, 127 and 128....	3,027 00
	Christina Luning, plots Nos. 179 and 180.....	6,624 88
	Elizabeth Carlough, plots Nos. 175, 176 and 177	4,000 00
	John Anderson, plot No. 114.....	3,925 00
	Herman and Maria Hartmann, plots Nos. 122 and 123.....	2,150 00
	Maria Fleischman, plot No. 283.....	3,300 00
	Hamilton A. Gill, plots Nos. 165 and 166.....	4,500 00
	William S. Pontin, plot No. 178.....	3,800 00
	8—Joseph Sahn, plot No. 106.....	2,550 00
	Henry Apfel, plot No. 189.....	13,970 00
	Margaret C. Bahrns, plot No. 190.....	5,052 00
	George Fisher, plot No. 266.....	2,773 12
	Mary O'Reilly, plot No. 289.....	2,775 00
	Mary Borden, plot No. 213.....	2,600 00
	Isabella Blair, plots Nos. 149 and 150.....	900 00
	George L. VonDeylen, plot No. 103.....	500 00
	Frank M. Foye, plots Nos. 163 and 164.....	4,400 00
	Eloise Seyfried, plots Nos. 274 to 277, inclusive	4,000 06
	Patrick O'Connor, plot No. 244.....	4,600 00
	Frank G. Holt, plots Nos. 101 and 102.....	300 00
	Henry Starkey, plots Nos. 202 and 203.....	11,425 00
	Henry Starkey, plots Nos. 204 and 205.....	11,825 00
	Edward J. O'Flynn, services as Condemnation Commissioner.....	10 00
	William Walton, services as Condemnation Com- missioner.....	10 00
	Francis Gross, services as Condemnation Com- missioner.....	10 00
	Leonard Moody, expert services.....	2,446 34
	David H. Fowler, expert services.....	2,446 34
	10—Bridget Garvey, plots Nos. 146 and 147.....	1,750 00
	Emma E. Sondern (committee of the person and estate of Wilhelmina Kunz), plots Nos. 75 and 77.....	1,367 06

May	10—Lizzie Weickel, plot No. 113.....	\$4,750 00
	Ann Clark, plot No. 144.....	3,033 33
	John Bechthold, lease rights, plot No. 117.....	825 00
	M. J. Dady, final payment on viaduct.....	11,788 00
	Brooklyn Daily Eagle, advertising.....	39 00
	11—Lavinia M. Gascoigne, plot No. 33.....	1,925 00
	Pauline Hettner, plots Nos. 296 and 296A.....	3,150 06
	August E. and Karoline Schmidt, plot No. 295.	3,300 00
	James McGuiggan, plots Nos. 290, 291, 292 and 294.....	4,500 00
	Walter S. Davies, plots Nos. 195, 200 and 201..	8,025 00
	Ernest H. Powers, plots Nos. 340 and 340A....	6,000 06
	Frederick A. Reid, plot No. 232.....	4,386 00
	Joseph O'Neil, plot No. 141.....	3,233 33
	Mary W. Smith, plots Nos. 339 and 339A.....	5,000 06
	Ysidora Pendas, plots Nos. 28, 35 and 36.....	9,650 06
	Lena Steffen Hoff, plots Nos. 262, 264 and 265.	11,476 75
	Conrad and Susanna Noll, plots Nos. 280 and 281.....	1,500 00
	Kate T. Ogden, plot No. 263.....	8,000 00
	Anna Lang, plots Nos. 278, 278A and 279.....	4,175 06
	Maria M. H. Schreck, plot No. 148.....	500 00
	Mary C and Jane Ruoff, plots Nos. 310 and 310A	5,377 56
	Alfred Ogden, plot No. 257.....	75 00
	Arnold and Pauline Hauser, plots Nos. 120 and 121.....	5,350 00
	John G. Southwick and Alicia A. Nostrand, plots Nos. 17 and 18.....	980 00
	Herbert C. Smith, plots Nos. 336, 336A, 337 and 337A.....	9,482 27
	John C. Smith and Henry N. Brush, executors of Conklin Brush, plots Nos. 333, 333A, 334 and 334A.....	4,613 75
	Herbert C. Smith, interest in same.....	5,568 19
	Herman F. Koepke, " ".....	5,568 18
	Herbert C. Smith, plots Nos. 331 and 331A....	6,175 06
	Philip Schaefer, plots Nos. 319 and 319A.....	1,645 06
	Mary W. Smith, plots Nos. 335 and 335A.....	10,750 06
	Frederick Sturgis Allen, plots Nos. 206 and 207	12,000 00
	Christopher F. and Adeline Boetzel, plots Nos. 93 and 94.....	2,900 00

May	11—Annie Dignan, plots Nos. 240 and 241.....	\$26,500 00
	13—Walter L. Durack, plot No. 208.....	6,000 00
	James McGuiggan, plots Nos. 302, 302A, 303, 304 and 305.....	3,600 06
	John B. Wright and Charles Baird, executors of Thomas W. Cornell, plots Nos. 185 and 186.....	8,224 00
	Achille Deslandes, plot No. 288 ..	2,950 00
	Allen E. Brady, plots Nos. 117, 118 and 119....	12,400 00
	Helen Nicol Furlong, plots Nos. 323 and 323A.	3,281 06
	Erastus D. Benedict and Ferdinand G. Soper, plots Nos. 284 and 285	1,950 00
	John W. Ayres, plot No. 152	3,700 00
	Louise Hooper, plots Nos. 3 and 4.....	240 00
	Katherine Alt, plots Nos. 125 and 130	2,740 00
	Jennie A. Schluchtner and Elizabeth Hoffman, plot No. 307½.....	3,125 00
	Fredericka Deickman, lease of plot No. 189....	80 00
	Frank Maier, plots Nos. 314 and 314A	1,745 06
	Sophie and Reinold Haefnerr, plot No. 287....	3,000 00
	Sebastian Mehling, plots Nos. 183 and 184	1,680 00
	Theodore Petramont, plot No. 192	1,115 00
	Robert L. Woods, plot No. 27, also Nos. 46 to 74½, inclusive.....	10,707 27
	William Ullmer, plot No. 34	2,050 00
	Cornelius S. Stryker, plot No. 222.....	3,266 25
	Peter and Katrina Stein, plots Nos. 299, 299A, 300 and 300A.....	1,200 12
	Caroline Gumpert, plots Nos. 301 and 301A....	2,100 06
	Raymond Minturn, plots Nos. 317 and 317A....	1,645 06
	Susette H. Miller and Charles B. Miller, execu- tors of Francis Miller, plots Nos. 324 to 328A, inclusive.....	12,676 36
	William Ruger, plot No. 293	3,150 00
	Rosanna McCormack, plot No. 143.....	3,033 33
	Hannah Hill, plot No. 32.....	4,025 00
	Charles J. Schriefer, <i>et al.</i> , executors of Carslen Schriefer, plots Nos. 1, 2, 8, 9 and 10	22,752 78
	15—Martha Rogers, plots Nos. 91, 91A and 92.....	3,000 12
	James H. Grant, plots Nos. 95 and 96	2,655 00

May	15—Mary Alice Joyce, plot No. 124	\$250 00
	Mathilda Vianest, plots Nos. 154 and 155	4,615 00
	Patrick Mannion, plots Nos. 158 and 159	3,275 00
	Heinrich K. Schaefer, plots Nos. 318 and 318A	1,645 06
	Otto, Frederick and Richard Kampfe, plots Nos. 321 and 321A	1,800 06
	Joseph Landers, plot No. 245	3,370 00
	Maria Fisher, plot No. 282	1,050 00
	Martin Bennett, plot No. 286½	550 00
	Ann E. Woods, plots Nos. 44 and 45	2,850 06
	Adeline Drucker, plot No. 258	3,450 00
	18—Conrad and Charlotte Schock, plot No. 107 ..	3,150 00
	Charlotte A. Holdridge, plot No. 248	3,370 00
	19—Edward Rogers, plots Nos. 87 to 90, inclusive..	4,510 24
	Caroline Schork, plot No. 98	500 00
	Daniel and Ellen L. Dunne, plot No. 145	3,183 33
	Jennie Heinemann, plot No. 194½	1,253 14
	James Eagan, plot No. 221	3,166 25
	John Morrow, plots Nos. 311 and 311A	875 06
	Ida A. Ryerson, <i>et al.</i> , executors of Stephen L. Vanderveer, plots Nos. 15, 16, 25, 37, 38, 39, 76, 81, 84 and 85	16,500 30
	John W. Gasteiger, plot No. 259	3,570 00
	20—John M. and Mary Eastland, plot No. 260	3,670 00
	Harrie and Bessie Cowdrey, plot No. 261	3,520 00
	Nellie Hearon, plot No. 230	2,370 00
	Lucy G. Miner, plots Nos. 233, 237, 238 and 239 ..	43,875 00
	John G. Abele, plot No. 246	3,420 00
	William J. and Jennie T. Connor, plot No. 142 ..	3,433 00
	21—John and Mary Bentner, plot No. 30	450 00
	Erik H. Soder, plot No. 247	3,370 00
	Henry Brown, plot No. 253	3,500 00
	William Lunham, plots Nos. 332 and 332A	5,750 06
	24—Isabella L. Bigelow, <i>et al.</i> , plot No. 29	700 00
	Charles C. and Betty Hagstrom, plot No. 251 ..	3,640 00
	Edwin B. Palmer, plots Nos. 214 and 216	885 00
	Sarah F. Buckalew, plots Nos. 210 and 211	3,090 00
	James Hill, plots Nos. 298 and 298A	400 06
	25—John and Mary A. Gruber, plots Nos. 338 and 338A	4,000 06

May	25—Henry A. Zimmer, plot No. 116	\$3,720 00
	Samuel H. Bedell, plots Nos. 161 and 162	4,120 00
	Robert B. Roosevelt, plot No. 26	1,100 00
	27—Henrietta S. Mason, plots Nos. 167, 168 and 169	1,125 00
	John W. Maxwell, <i>et al.</i> , plot No. 243.....	4,525 00
	Randolph H. Cole and Clara P. Austin, plot No. 225.....	3,516 25
	Henry M. Kennedy, plot No. 160.....	250 00
	James Fowler, plots Nos. 133 to 136, inclusive.	5,300 00
	Mary E. Oliphant, plot No. 191	4,552 00
	28—Arthur, Agnes and B. Claffin, plots Nos. 78, 79 and 80.....	2,800 06
	John Frank, lease of plot No. 116	420 00
	John H. Durack, plot No. 209	6,000 00
	Nancy McGonigle, plots Nos. 227 to 231, in- clusive.....	5,500 00
	Richard Kelly, plot No. 345.....	900 00
	29—Amelia Phillips, plot No. 249.....	3,590 00
	Philip F. Lenhardt, plots Nos. 316 and 316A...	1,645 06
	Weekly pay-rolls Nos. 851 to 854, inclusive ...	266 25
June	1—William Capes, trustee of Joshua Crandall, plots Nos. 235 and 236.....	4,050 00
	Henry C. Pike, plots Nos. 181 and 182.....	1,320 00
	2—Herman Gutlin, plots Nos. 83 and 83A	25 06
	William C. Grayson, plot No. 242.....	7,500 00
	Mary Smith, plot No. 224.....	3,916 25
	Margaret Lynam, <i>et al.</i> , plot No. 13	4,033 34
	Helen Miles, plots Nos. 156 and 157.....	4,500 00
	3—John Jenkins, plots Nos. 254 and 255	3,180 00
	Michael J. Dady, grading.....	974 40
	Michael J. Dady, on account of middle section.	6,774 70
	Michael J. Dady, on account of east section ..	6,297 68
	Thomas F. Byrnes, on account of west section.	1,312 64
	4—Joseph and Fred Herman, <i>et al.</i> , plot No. 252 ..	3,420 00
	11—Geo. L. W. Wenz, plot No. 31.....	500 00
	Henry A. McCarthy, plots Nos. 217, 218 and 219	2,403 00
	Helen Louisa and Charles Henry Gercken, plots Nos. 5, 6, 7 and 14.....	800 18
	Frederick Uhlmann, plot No. 272.....	3,000 00
	Mary R. Lee, plots Nos. 309 and 309A	2,660 06

June	11—Esther Kelly, plot No. 344	\$7,163 00
	12—Catharine Allen, plots Nos. 40 to 43, inclusive.	7,325 06
	Weekly pay-rolls Nos. 855 and 856	128 25
	15—Catharine Weike, Adam and Henry Pflëging, plot No. 306	2,670 83
	Albert Altenbrand, executor, mortgage on plot No. 306	495 00
	Hubert G. Taylor, County Treasurer, for Fred- erick Pflëging (missing), plot No. 306	534 17
	John M. Furber, plot No. 226	6,241 25
	Joseph Woreth, lease on plot No. 307	177 06
	Juliana Beurkle, plot No. 307	3,649 94
	Weekly pay-roll No. 857	67 50
	John W. and Annie Ruehl, and Lizzie Ruehl Weickel, plot No. 104	725 00
	16—Brooklyn City Railroad Co., plot No. 273	3,000 00
	Anne Degnan, plot No. 234	100 00
	28—Ella L. Rushmore, plots Nos. 110 and 111	440 00
	William Henry Smith, <i>et al.</i> , plot No. 223	3,816 25
	29—Julino Miller and Samuel Cohen, plots Nos. 131 and 132	2,600 00
	30—Phebe H. Sayres, plot No. 215	300 00
	Charles S. Taber, costs awarded by Court	50 00
	Pickett & Quintard, costs awarded by Court	25 00
	Edwin C. Schaffer, costs awarded by Court	25 00
	Virtus L. Haines, costs awarded by Court	50 00
	Smith, Griffin & Buxton, costs awarded by Court	250 00
July	6—Maria Anna Friedel, <i>et al.</i> , plots Nos. 99 and 100	215 00
	Thomas F. Byrnes, on account of west section.	2,602 29
	Michael J. Dady, on account of east section	9,139 53
	Michael J. Dady, on account of middle section.	3,578 41
	Weekly pay-rolls Nos. 858 to 860, inclusive	251 25
	Walter M. Meserole, C.E., professional services.	797 43
	13—Weekly pay-roll No. 861	93 00
	21—Howard C. Conrady, costs awarded by Court	114 50
	Walter R. Davies, costs awarded by Court	76 60
	Alfred J. Gilchrist, costs awarded by Court	76 50
	Hamilton A. Gill, costs awarded by Court	50 00
	Stephen M. Hoye, costs awarded by Court	1,381 23

July	21—	Jacob Brenner, costs awarded by Court	\$51 10
		Jerry A. Wernberg, costs awarded by Court . . .	28 25
		Howard J. Forker, costs awarded by Court	50 00
		Paul E. Jones, costs awarded by Court	51 50
		Ashley & Duncan, costs awarded by Court	187 44
		William Gasten, costs awarded by Court	79 12
		Thomas H. Williams, costs awarded by Court . .	26 35
		James P. Judge, costs awarded by Court	51 10
		Roosevelt & Kobbe, costs awarded by Court . .	25 75
		C. Doremus, costs awarded by Court	50 00
		John Voorhis, plot No. 220	938 75
	28—	Claus Lipsius Brewing Co., plot No. 193	3,800 00
		Fisher & Voltz, costs awarded by Court	127 00
Aug.	2—	Michael J. Dady, on account of east section . . .	9,943 65
		Thomas F. Byrnes, on account of west section . .	11,791 14
		Title Guarantee & Trust Co., searching titles . .	3,955 57
	3—	Michael J. Dady, on account of middle section .	13,278 86
	10—	Joseph C. Forbes, Jr., plot No. 115	2,750 00
		William Rockhill Potts, <i>et al.</i> , executors of F. A. Potts, plots Nos. 11 and 12	2,650 00
		Stephen M. Hoyer, costs awarded by Court	187 41
		Thomas E. Pearsall, costs awarded by Court . .	122 95
		Charles E. Lydecker, costs awarded by Court . .	25 00
		S. M. & D. E. Meeker, costs awarded by Court .	50 00
		Adolphus J. Boyd, costs awarded by Court	25 50
		Edward Moran, costs awarded by Court	55 37
		Hobbs & Gifford, costs awarded by Court	26 50
		Weekly pay-rolls Nos. 862 to 867, inclusive . . .	921 00
	24—	Kiendl Bros., costs awarded by Court	286 00
		Stephen M. Hoyer, costs awarded by Court	664 24
		S. F., F. H., and H. Cowdery, costs awarded by Court	26 50
		John B. Shanahan, costs awarded by Court	1,579 50
Sept.	1—	Michael J. Dady, on account of east section . . .	3,809 88
		Weekly pay-rolls Nos. 868 and 869	354 75
	10—	Michael J. Dady, on account of middle section .	30,038 41
	15—	Amelia and Charles Reinhardt, plots Nos. 82 and 82A	250 06
	20—	Thomas F. Byrnes, final payment on west sec- tion	37,799 45

Sept.	20—W. S. Mygrants, music at opening of Eastern Parkway Extension	\$185 00
	23—The Rogers Iron Co., fence	1,057 35
	25—James Lowery, <i>et al.</i> , plots Nos. 196 to 199, inclusive	5,925 00
	Baldwin & Blackmar, costs awarded by Court..	104 10
	John Z. Lott, costs awarded by Court.....	250 00
	Philip H. Vernon, costs awarded by Court...	27 20
	Foley & Wray, costs awarded by Court.....	25 00
	Walter M. Meserole, C. E., engineering services	539 25
	Weekly pay-rolls Nos. 870 and 871.....	372 75
	Bernard J. Pink, costs awarded by Court.....	186 75
Oct.	5—Weekly pay-rolls Nos. 872 and 873....	300 00
	Belmont Iron Works, globes	50 55
	John J. Reilly, plot No. 140.....	3,208 33
	Howard C. Conrady, costs awarded by Court..	125 00
	Weekly pay roll No. 874.....	135 00
	12—The Rogers Iron Co., fence....	590 00
	George Eiselstein, painting fence	68 05
	16—Henry Yonge, costs awarded by Court.....	25 00
	George V. Brower, costs awarded by Court....	55 00
	Michael J. Dady, on account of east section... 24,618 42	
	19—Barbara Goetz, plot No. 346	15 00
	23—Kings County Trust Co., for Margaret Reddy, Sarah and Margaret Orr, plots Nos. 19 to 24.....	5,025 00
	27—Theodore Burgmeyer, costs awarded by Court.	78 60
	Daniel Rumbold, costs awarded by Court.....	75 00
	James Gascoigne, <i>et al.</i> , plot No. 187.....	3,000 00
Nov.	5—Thomas F. Byrnes, retained percentage.....	6,513 26
	12—John Leich, executor of Abraham Leich, plot No. 212	3,250 00
	Elizabeth S. Clark, plots Nos. 86 and 86A....	270 06
	16—John B. Shanahan, costs awarded by Court....	102 40
	Michael J. Dady, final payment on east section.	16,278 86
	Michael J. Dady, sewer connections, etc....	230 00
	23—Michael J. Dady, on account of middle section.	5,351 94
	John F. Maillie, top soil	150 00
	Abeel Bros., tree boxes	206 70

Nov.	27—George Reynolds, flagging.....	\$900 00
Dec.	9—Michael J. Dady, final payment on middle section	13,033 43
	Stephen M. Hoye, costs awarded by Court.....	367 31
	Elmer S. White, costs awarded by Court.....	28 50
	Randolph H. Cole, costs awarded by Court....	75 00
	George Reynolds, flagging.....	1,800 00
	Walter M. Meserote, C. E., engineering services	1,152 00
	William J. Kelly, costs awarded by Court.....	25 00
	17—James Dunne, costs awarded by Court.....	32 70
	22—George Reynolds, flagging.....	1,515 00

IMPROVEMENT OF TWENTY-SIXTH WARD STREETS.

The expenditures incurred to January 1, 1896, in connection with the improvement of streets charged to the Twenty-sixth Ward Street Improvement Fund were as follows:

1897.

Feb.	1—Henry Kimmick, cleaning streets, month of January	\$318 00
	16—J. W. Van Ostrand, grading.....	1,416 00
	Schluchtner Bros., brooms, etc.....	9 00
March	16—Henry Kimmick, cleaning streets, month of February	397 50
	27—J. W. Van Ostrand, grading New Lots road....	2,100 00
	29—Calvin Tomkins, bluestone.....	428 40
	John F. Maillie, trucking limestone	346 80
April	16—Henry Kimmick, cleaning streets, month of March	314 50
	J. W. Van Ostrand, cleaning streets	538 29
	28—J. W. Van Ostrand, grading New Lots road ...	2,220 00
July	1—Henry Kimmick, cleaning streets, April, May and June	1,143 00
	12—J. W. Van Ostrand, grading New Lots road ...	858 60
	16—Henry Kimmick, cleaning streets	266 00
Aug.	2—Michael J. Dady, work on return road	6,514 74
	3—Henry Kimmick, cleaning streets.....	292 50

Aug.	10—Michael J. Dady, work on Bushwick avenue .	\$9,961 02
	Walter M. Meserole, C. E., engineering services	124 80
	15—Henry Kimmick, cleaning streets	263 25
	20—Michael J. Dady, work on return road and Miller avenue	4,581 69
Sept.	1—Henry Kimmick, cleaning streets	277 50
	9—Walter M. Meserole, C. E., engineering services	264 00
	J. W. Van Ostrand, grading	193 20
	Thomas Monahan, work on Fort Hamilton av..	5,331 90
	13—The Brooklyn Alcatraz Asphalt Paving Co., re- tained percentage on Glenmore avenue....	1,923 03
Oct.	19—Henry A. Kimmick, cleaning streets.....	646 75
Nov.	3—Weekly pay-rolls Nos. 876 and 877.....	144 00
	Henry Kimmick, cleaning streets	214 50
	8—Thomas Monahan, work on Fort Hamilton av.	5,331 90
	9—Weekly pay-roll No. 878.....	65 25
	Michael J. Dady, work on return road and Mil- ler avenue.....	7,297 85
	Walter M. Meserole, C. E., engineering services	597 95
	Harris & Maguire, retained percentages on Bushwick and Pennsylvania avenues.....	6,595 36
	16—Henry Kimmick, cleaning streets.....	208 00
	23—Weekly pay-rolls Nos. 879 and 880.....	109 50
	Thomas F. Byrnes, retained percentage on Glenmore avenue.....	9,102 52
	John F. Maillie, cleaning streets	225 00
	Abeel Bros., tree-boxes.....	241 10
	30—Weekly pay-roll No. 881.....	21 00
	John F. Maillie, cleaning streets	225 00
Dec.	9—Walter M. Meserole, C. E., engineering services	205 43
	13—Thomas Monahan, work on Fort Hamilton av..	4,147 04
	19—Michael J. Dady, sodding, etc.....	272 33
	28—The Rogers Iron Co., iron stairway.....	359 64

RAILROAD PRIVILEGES.

CONCESSIONS MADE TO THE COMPANIES OPERATING ABOUT THE
PARKS AND RIGHTS OBTAINED.

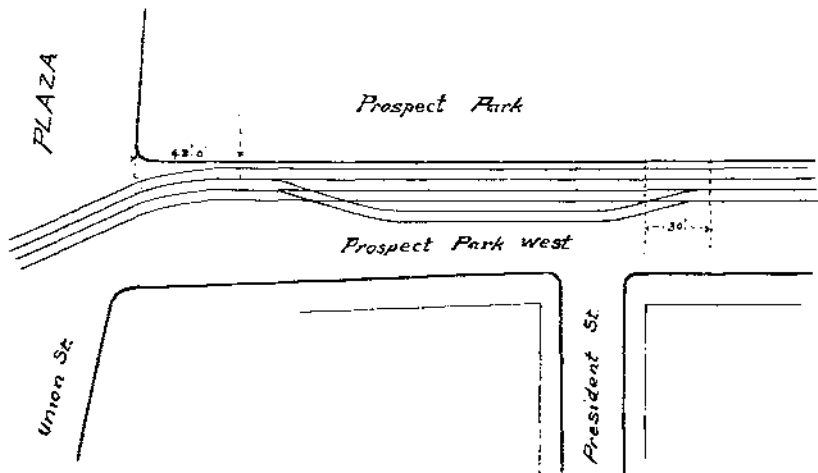
The law which enables the Park Department to control in a measure the railroads which operate upon streets adjoining the parks is a wise one, although it entails upon the Commissioner the difficult task of keeping constant watch to prevent encroachments upon the public property.



MUSIC IN THE PARK.

During the past year several important concessions were obtained from and granted to the railroads. The first application made to the Department was by the Nassau Railroad Company, which requested the Department under the law to designate the place where a switch should be laid on Prospect Park West (Ninth avenue) near the Union street entrance to Prospect Park. Under an old agreement entered into between

the Atlantic Avenue Railroad Company and the resident property owners on Ninth avenue, the company had the right to construct such a switch. After considerable discussion as to the manner in which the switch should be put down so as to cause the least inconvenience to the public and the least annoyance to the property owners, the following agreement was entered into:



THE NINTH AVENUE SWITCH.

Designation made this 25th day of February, in the year one thousand eight hundred and ninety-seven, between Jacob G. Dettmer, Park Commissioner of the City of Brooklyn, party of the first part, and the Nassau Electric Railroad Company, party of the second part.

WHEREAS, the Nassau Electric Railroad Company is the lessee of the Atlantic Avenue Railroad Company, and as such lessee is maintaining and operating a double-track street surface railroad upon and along Ninth avenue and across the Prospect Park Plaza to Vanderbilt avenue, and said railroad company has applied to the party of the first part, as Park

Commissioner of the City of Brooklyn, to locate the railroad tracks of a certain turnout or switch which the party of the second part desires to locate in Ninth avenue, in the vicinity of said Prospect Park Plaza, in pursuance of the power of the Commissioner under the provisions of the charter of the City of Brooklyn.

Now, therefore, the said Jacob G. Dettmer, Park Commissioner of the City of Brooklyn, in accordance with the request of the said party of the second part, above referred to, hereby locates the said switch or turnout of the party of the second part upon Ninth avenue, in accordance with the diagram hereto annexed, marked "Exhibit A," and signed by said Commissioner simultaneously with the execution of this agreement.

The north end of which switch is to commence at a point forty-eight feet south of the curb line between the sidewalk and the curb of the Prospect Park Plaza, and the southerly end of said switch is to be at a point thirty feet south of the southerly building line of President street.

The location of such switch in the manner herein described is subject to the performance by the party of the second part of the following conditions:

The party of the second part agrees that the switches to be used in such track shall be straight line switches of the most approved pattern, and that the rail to be used in the curves of such switches shall be a grooved rail of steel of the most approved pattern. All of the straight rail to be laid in connection with such switches shall be a steel girder rail of the same pattern as shown on the section of the same on the diagram hereto annexed, marked "Exhibit B," and signed by the said party of the first part simultaneously with the execution of this agreement.

The said party of the second part shall asphalt the street disturbed by the insertion of such switches, so that said asphalt pavement will be smooth with the edge of such rails in the construction of such switch.

The party of the second part will cause to be removed the switch or part of a switch now at present in Ninth avenue in the vicinity of the point in question, so that upon the completion of the work in connection with this switch there will be no railroad tracks in Ninth avenue in addition to the present double track thereon, except the switch indicated upon the diagram hereto annexed, marked "Exhibit A."

In witness whereof, the parties hereto have, each of them, signed this agreement, and the party of the second part has caused to be annexed thereto its corporate seal.

J. G. DETTMER,
Commissioner, Department of Parks.

NASSAU ELECTRIC RAILROAD COMPANY,
By A. L. JOHNSON, *President.*

Signed, sealed and delivered in presence of

As to Nassau Electric R. R. Co.,
CHARLES W. CHURCH, Jr.

As to Commissioner of Parks,
J. E. SMITH, *Secretary.*

[Seal.]

Attest: JAMES C. CHURCH, *Secretary.*

SAVING THE PARK ENTRANCE.

Early in the year application was made by the Nassau Railroad Company for permission to connect its Douglass street road with the Vanderbilt avenue line, so as to ultimately secure a through route to Hamilton Ferry by way of Douglass and Union streets. So far as Union street was concerned, there was no immediate prospect of the railroad being built because of the adverse action of the courts in proceedings brought by the property owners. The original proposition to connect the Douglass street and Vanderbilt avenue lines was to lay a track between the Memorial Arch and the entrance to the Park. This would have destroyed the Park entrance, and I therefore determined, before granting the request of the railroad company, to compel it to agree that it would never attempt to lay a track across the Plaza. After a number of interviews with the counsel for the railroad, the following agreement, approved as to form by the Corporation Counsel, was entered into:

This agreement, made the 29th day of June, in the year one thousand eight hundred and ninety-seven, between Jacob G. Dettmer, Park Commissioner of the City of Brooklyn, party of the first part, and The Nassau Electric Railroad Company, party of the second part,

WHEREAS, The Nassau Electric Railroad Company is the lessee of the property of the Atlantic Avenue Railroad Company of Brooklyn, and as such lessee is maintaining and operating a double-track street surface railroad upon and along Ninth avenue, across the Prospect Park Plaza to Vanderbilt avenue, and along Vanderbilt avenue, as shown on the annexed diagram, marked "Exhibit A," and signed simultaneously herewith.

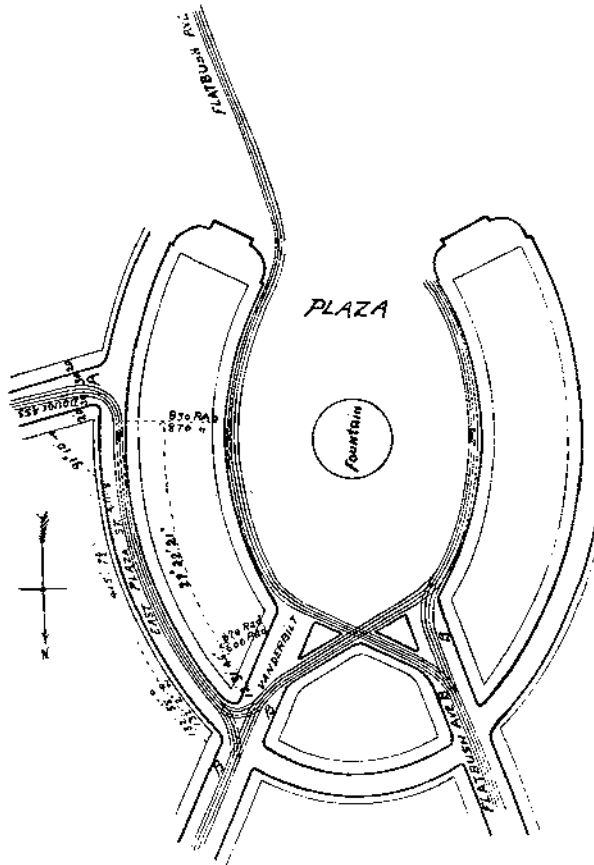
AND WHEREAS, The Nassau Electric Railroad Company claims the right to construct a double-track street surface railroad upon Douglass street to the Prospect Park Plaza, and across the Prospect Park Plaza.

AND WHEREAS, The said railroad company is desirous of constructing its tracks upon the Plaza in the City of Brooklyn so that the railroad which it shall construct on Douglass street shall connect with the railroad line which it is at present operating across the Prospect Park Plaza from Vanderbilt avenue to Ninth avenue, under its lease from the Atlantic Avenue Railroad Company; and whereas, the said Nassau Electric Railroad Company has applied to the party of the first part, the Park Commissioner of the City of Brooklyn, to locate the position of the said railroad tracks of the party of the second part, upon the Prospect Park Plaza, in pursuance of the powers of the said Commissioner under the provisions of the charter of the City of Brooklyn.

Now, therefore, the said Jacob G. Dettmer, Park Commissioner of the City of Brooklyn, in accordance with his powers, as above referred to, hereby locates the double track of the party of the second part, between Douglass street and Vanderbilt avenue, in accordance with the said diagram hereto annexed, between the points thereon marked "A" and "B" respectively.

It is understood that in the location of said tracks, the party of the second part shall make the necessary curves and switches, in order to connect the same with the tracks already in possession of the party of the second part, upon the lines

indicated on the said diagram. The location of said tracks in the manner herein described, however, is subject to the performance by the party of the second part of the following conditions:



THE DOUGLASS STREET CONNECTION AT PLAZA.

1. The work of constructing the said tracks on Prospect Park Plaza shall not be commenced until the railroad of the party of the second part is completed on Douglass street, to the point on said diagram marked "A."

2. The overhead trolley wires shall be suspended from poles with overhanging arms in substantially the same manner that they are now suspended across the Plaza and on Ninth avenue by the party of the second part.

3. The work of constructing said tracks, switches, etc., shall be completed within thirty working days from the time its work of construction is commenced. Delays by litigation, or those occasioned by the party of the first part, not to be included.

4. The work of construction of the same is to be performed in the best possible manner, and all curves and switches are to be made of steel rails of the latest and most approved pattern. All straight tracks are to be laid of steel girder rails of the same pattern as shown on a section of the same on the diagram hereto annexed, marked "Exhibit B," and signed by the party of the first part simultaneously with the execution of this agreement.

5. At the intersection of Plaza street and Vanderbilt avenue the party of the second part will pave, with vitrified brick, under specifications approved by the Park Commissioner, the entire width of Vanderbilt avenue, from curb to curb, from a line at the south point of said Vanderbilt avenue opposite the commencement of the switches curving southerly into Vanderbilt avenue, to a point opposite the extreme end of the switches curving northerly into Vanderbilt avenue, and also extending up Plaza street to the commencement of said switches.

6. In such work of constructing the railroad tracks above referred to, said party of the second part will restore all sewers, curbs and pavements to the same condition that they were in previous to its entering upon the work of construction. In consideration of the action of the said party of the first part in locating said track, and of one dollar to it in hand paid, receipt whereof is hereby acknowledged, the party of the second part hereby accepts each of said conditions and covenants, and agrees to perform each and every provision thereof.

7. For a like consideration the said party of the second part agrees that it will not claim, under the consent heretofore given by the local authorities of the City of Brooklyn, to construct its railroad on Douglass street or Union street, or to connect the same with the railroad tracks of the Atlantic Avenue Railroad Company, which it is operating as lessee, any right to lay any track in front of the Memorial Arch erected on said

Plaza, or at any other place on said Plaza than as hereinbefore provided, nor will it lay the same, provided, however, that nothing in this section contained shall be construed to waive any rights which the party of the second part may possess to make connections between its railroad tracks on Union street, west of the Plaza, if such tracks are constructed, and the railroad tracks of the Atlantic Avenue Railroad, as shown on said diagram, at the point of intersection of Union street with Ninth avenue.

In witness whereof, the parties hereto have each of them signed this agreement, and the party of the second part has caused to be annexed hereto its corporate seal.

NASSAU ELECTRIC RAILROAD COMPANY,

By A. L. JOHNSON,

President.

J. G. DETTMER,

Commissioner.

Signed, sealed and delivered in presence of

B. P. LEGARE.

[Seal.]

Attest: W. F. HAM, *Secretary.*

Under an agreement made last year by my predecessor, the Coney Island and Brooklyn Railroad Company were authorized to lay a single track across the Ocean Parkway at Neptune avenue. The Nassau Railroad Company began a suit to oust the Coney Island and Brooklyn Railroad Company from Neptune avenue. But before final adjudication by the courts, the two railroad companies entered into an agreement to use the tracks on Neptune avenue in common.

A FIGHT FOR NEPTUNE AVENUE.

The Nassau Company then made application to the Park Department for permission to lay another track across the Ocean Parkway at Neptune avenue. The Department refused

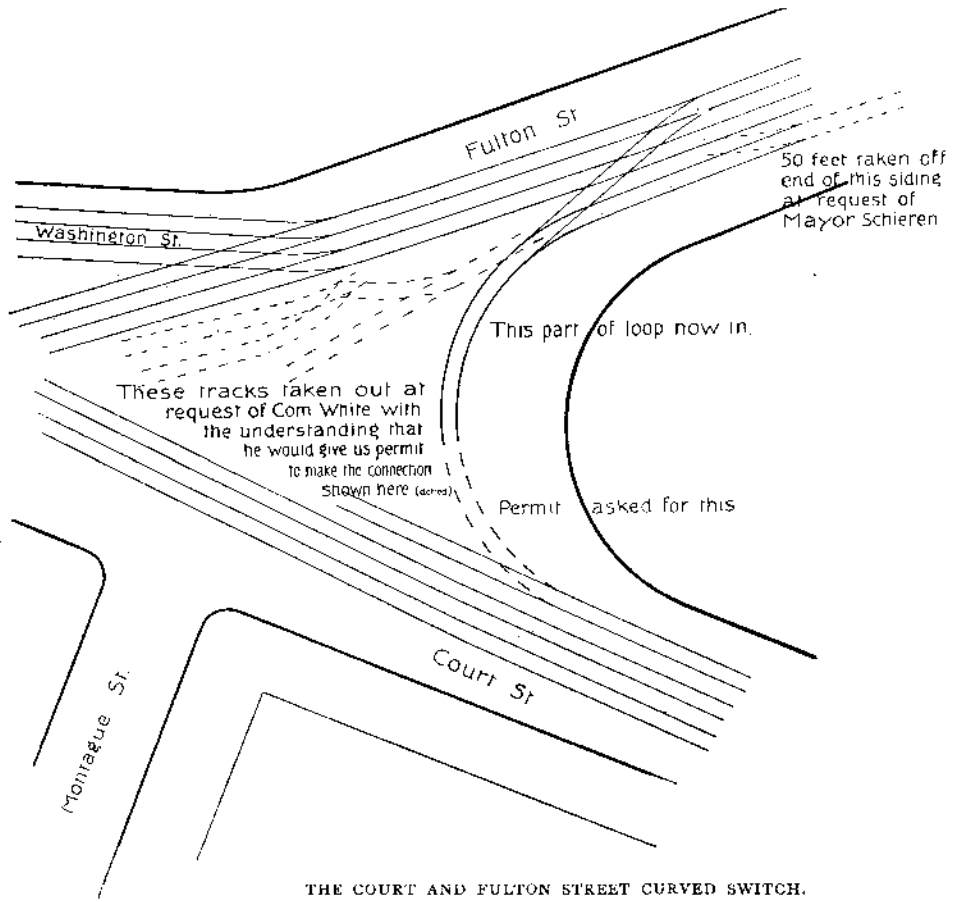
to grant the right to lay another surface track across the Ocean Parkway. The Nassau Company threatened to begin the work in spite of the Department's refusal to grant them a permit, in order to bring the matter into the courts. It was finally agreed that the refusal of the Park Department should be considered as an actual police interruption, and that the case should be taken into the courts. In the meantime the Company agreed that the Park Department might withdraw the police from the point mentioned, where they had been placed night and day to prevent any work being done, the Company giving its word not to attempt to make any crossing until the courts had passed upon the question. The suit has not yet been brought.

In August, papers were served upon the Commissioner requesting him, in the interest of another railroad, to compel the Sea Beach Railroad Company to remove its tracks from Fort Hamilton avenue, where, it was claimed, they had been placed in violation of law. The matter was referred to the Corporation Counsel, and by him debated before a Justice of the Supreme Court, who decided that the proceedings on the part of the rival corporation was illegal, and that the Park Commissioner was right in refusing to take sides.

In September, permission was given the Coney Island and Brooklyn Railroad Company to connect its tracks with the tracks of the Brooklyn City and Newtown Railroad Company at the Willink Entrance to Prospect Park, thus providing another through line from the Brooklyn ferries to Coney Island.

Permission was given the Brooklyn Heights Railroad Company to extend its tracks along the Halsey street side of Irving Square. Permission was also given them to put in a crossover, upon condition that it should be removed upon the further extension of the tracks in the direction of Ridgewood.

In the early spring, railroad engineers endeavored to lay out a line through Forest Park. The Department had the stakes removed and no attempt to replace them has yet been made.



THE COURT AND FULTON STREET CURVED SWITCH.

EXTENDING THE UTICA AVENUE BRANCH.

Application was made by the Brooklyn Heights Railroad for permission to cross the Eastern Parkway at Ralph and Utica avenues. The Ralph avenue crossing was denied and the Utica avenue crossing granted, as the latter was intended to provide a continuous road to the south, which was not the case in the former.

In granting permission for the Utica avenue crossing, the Department required the railroad to put its power cable underground and to brick the crossing. The Company was also required to put down a brick crossing where its Nostrand avenue line crosses the Parkway.

The Brooklyn Heights Railroad Company made application to the Park Department to change the location of the Court street tracks so as to curve them into Fulton street. The Corporation Counsel being consulted, decided that the Commissioner had the right to change the tracks in such manner as would in his judgment best preserve the interests of the city and promote the convenience of the public. The following permit was then issued:

A CURVE AT CITY HALL PARK.

BROOKLYN, N. Y., October 26, 1897.

MR. C. L. ROSSITER,

President Brooklyn Heights Railroad Company:

DEAR SIR.—In accordance with your request of October 22d, I hereby determine that the location of the Court street siding northerly of the City Hall now maintained and operated by the Brooklyn Heights Railroad Company, should be and the same hereby is changed from a straight track, as now laid, to a curved track connecting with the curved track now laid from Fulton street main track, as shown on the annexed plan. This determination is upon the condition that the railroad company has the right by consent of the local authorities or otherwise to construct and maintain such curved track at such locality as is indicated on the said plan, and on the further condition that such company shall abandon its right to construct

or maintain such northerly portion of said Court street siding so to be changed as aforesaid, and on the further condition that the railroad company abandon its right to construct or maintain the sidings formerly existing on the westerly side of Fulton street tracks and used as terminals and car stands, as shown by dotted lines on the annexed plan.

Respectfully yours,

J. G. DETTMER,

Commissioner of Parks.

A NEW TUNNEL.

Application was made by the company for the right to construct a tunnel under the Ocean Parkway at Avenue E, and consent was given, upon the condition that Avenue E should be widened so as to permit of free surface travel, that the tunnel should be constructed in a manner satisfactory to the Park Department and that in its construction the existing grade of the Ocean Parkway should not be in any manner disturbed.

The agreement reads as follows:

Agreement made this 29th day of December, 1897, between the Commissioner of Parks of the City of Brooklyn, hereinafter designated as the Commissioner, party of the first part, and the Brooklyn Heights Railroad Company, a domestic street surface railroad corporation of the State of New York, hereinafter called the Railroad Company, party of the second part.

WHEREAS, the Commissioner of Parks has in accordance with the laws of the State of New York exclusive jurisdiction and control over the driveway known as the Ocean Parkway, extending from Prospect Park to the Atlantic Ocean in said City of Brooklyn, and the Railroad Company, as lessee of the Brooklyn City Railroad system, having a franchise to build and operate a street surface railroad on certain streets in the said City of Brooklyn, one of the said streets being known and designated as Avenue E, which street extends from Coney Island avenue to West street, crossing the said Ocean Parkway at right angles; and the said Railroad Company being

desirous of constructing said street surface railroad on the street which crosses the said Ocean Parkway, now, therefore, this agreement

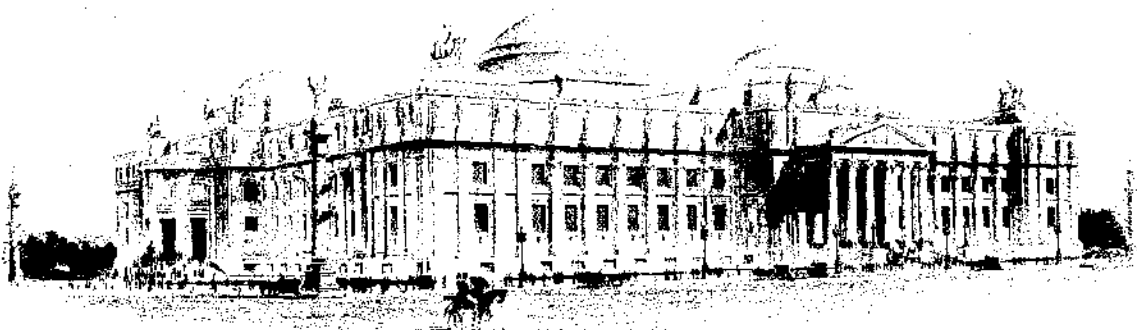
Witnesseth, that the said Commissioner, for and in consideration of the promises and covenants hereinafter mentioned and contained and agreed to by the said Railroad Company agrees and hereby grants permission to the said Railroad Company or its duly authorized agents to cross the said Ocean Parkway at Avenue E by an undergrade crossing; said undergrade crossing to be built and constructed in accordance with a certain plan approved by the said Commissioner on November 27, 1897, and now on file with the Department of Parks of the City of Brooklyn, designated as plan No. 2462.

And the said Railroad Company, for and in consideration of the right to cross the said Ocean Parkway, hereby agrees that it will, at its own cost and expense, build and construct the said undergrade crossing in accordance with the said plan No. 2462.

And the said Railroad Company further agrees that the grade of the Ocean Parkway at Avenue E, as established at the present time, will be preserved and maintained, and that after the completion of the said undergrade crossing by the Railroad Company, the said Railroad Company will, at its own cost and expense and to the satisfaction of the Department of Parks, restore the roadway, sidewalks, etc., of the said Ocean Parkway to as good a condition as before the commencement of the work of building the undergrade crossing.

For the purpose of constructing the said undergrade crossing the said Commissioner hereby grants to the said Railroad Company, or its duly authorized agents, the additional privilege of removing such portion or portions of the roadway and sidewalk on said Ocean Parkway as may be necessary to carry on the work of constructing and building said undergrade crossing, provided that the removal of the roadway and sidewalk shall not, at any time, interfere with public travel, and that same shall be restored to the same grade and condition as before the commencement of the work, as heretofore specified.

And the said Railroad Company further agrees that during the construction of the said work it will place or cause to be placed proper guards upon and around such portions of the said roadway and sidewalk as may have been removed, and at night will put and keep suitable and sufficient lights for the



THE BROOKLYN MUSEUM OF ARTS AND SCIENCES AS IT WILL APPEAR WHEN COMPLETED

prevention of accidents. That the said Railroad Company will indemnify and save harmless the said party of the first part from any and all suits and actions resulting from negligence or carelessness in guarding same.

In witness whereof, the parties hereto have hereunto caused these presents to be duly executed by the Commissioner of Parks of the City of Brooklyn, and by the President, and attested by the Secretary of the Brooklyn Heights Railroad Company the day and year first above written.

The consent hereby given will be canceled if the tunnel is not constructed within two years from date of this agreement.

COMMISSIONER OF THE DEPARTMENT OF PARKS OF
THE CITY OF BROOKLYN,

J. G. DETTMER,

THE BROOKLYN HEIGHTS RAILROAD COMPANY,

By C. L. ROSSITER,

President.

[Seal.]

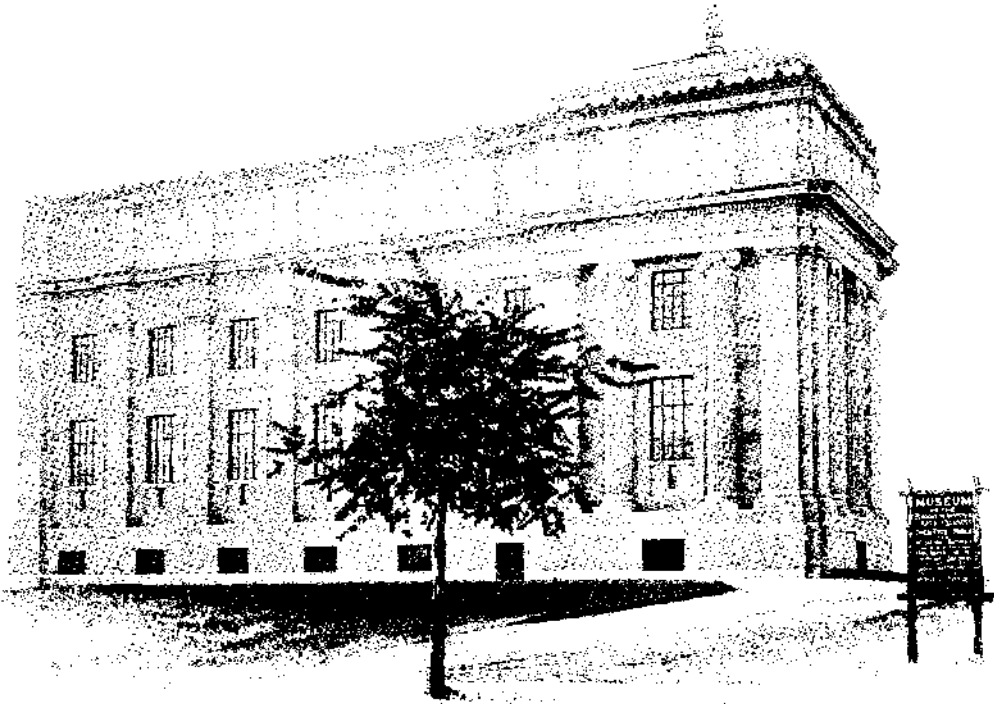
Attest: T. S. WILLIAMS,

Secretary.

MUSEUM OF ARTS AND SCIENCES.

The Museum building of the Brooklyn Institute of Arts and Sciences, which is being constructed under the direction of the Mayor and the Park Commissioner upon the East Side Lands, and which under the law is leased to the Board of Trustees of the Brooklyn Institute, is destined to become as great an attraction as is the similar building located in Central Park. The west wing of the building, the construction of which was commenced on September 14, 1895, was completed in May, 1897. The amount available for this work was \$307,000.00, all of which has been expended for the construction and furnishing of this wing.

The building as completed was opened to the public on June 2, 1897, when Mayor Wurster, the Park Commissioner,



COMPLETED SECTION OF THE MUSEUM BUILDING.

together with many representatives of the City Government and the officers and Trustees of the Institute, welcomed to the new building upwards of a thousand residents of the City.

The following rules and regulations were approved by the Mayor and the Park Commissioner, to govern the public use of the Museum building:—

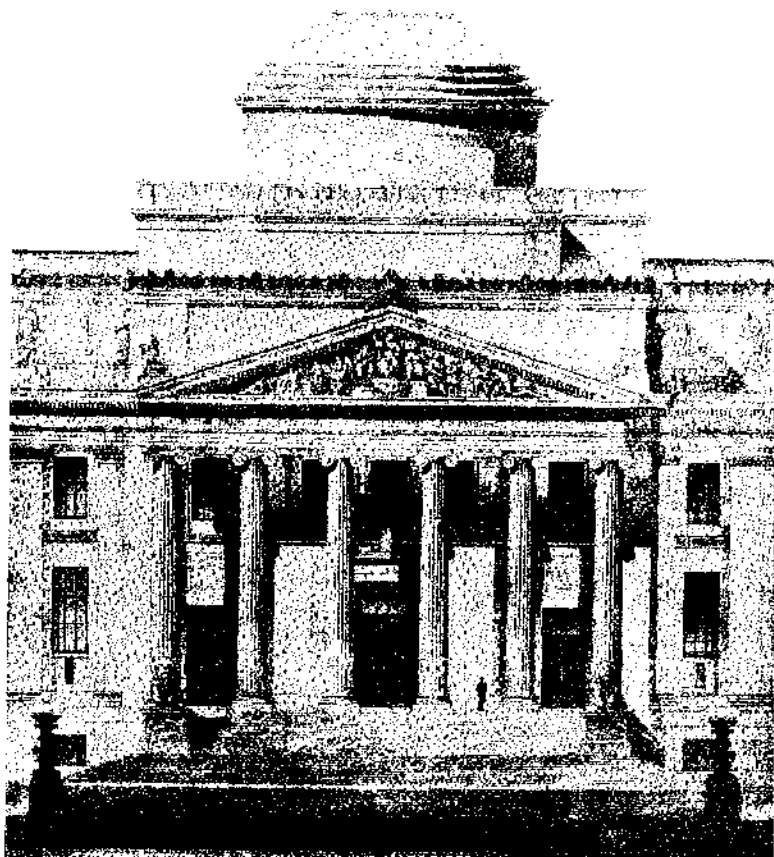
1. The exhibition halls of the Museum of the Brooklyn Institute of Arts and Sciences shall be open free to the public from 9 A. M. to 6 P. M., on Wednesday, Thursday, Friday and Saturday of each week, and on all legal holidays except Sunday; also on Thursday and Saturday of each week from 7.30 to 9.45 P. M., and on Sunday afternoons from 2.30 to 5.30 o'clock.

2. The exhibition halls of the Museum building shall be open to the public on payment of an admission fee on Mondays and Tuesdays from 9 A. M. to 6 P. M., throughout the year; and may be open on special occasions on Monday and Tuesday evenings. The admission fee on Mondays or Tuesdays, day or evening, shall be regularly twenty-five cents for adults, and ten cents for children under the age of sixteen. On the occasion of the opening exhibition of new or loan collections, the admission fee may be increased on these days to a sum not exceeding one dollar.

3. The exhibition halls of the Museum building shall be open and free to the public schools of the City of Brooklyn at all reasonable times, and for the present between the hours of three and five o'clock on Wednesday, Thursday and Friday afternoons, and on Saturdays from 9 A. M. to 6 P. M.

4. The Board of Trustees of the Brooklyn Institute of Arts and Sciences may issue to specialists or students engaged in study or research at the Museum building permits to enter the said building, and to use collections contained therein on Mondays and Tuesdays, between the hours of 9 A. M. and 6 P. M., without cost, subject to such rules and precautions as may be necessary to protect property contained in said building.

The Trustees of the Institute provided in the galleries of the first and third floors a large and valuable collection of paintings numbering some 625 canvases, and also installed in cases on the second floor scientific collections, and in the basement floor geographical collections for the benefit of the public.



FRONT ELEVATION OF THE NORTHERN PORTICO AND VESTIBULE OF THE
MUSEUM BUILDING (COMPRISING THE SECOND
SECTION TO BE ERECTED).

These collections have attracted large numbers of the citizens of Brooklyn to the Museum building, the attendance during the months of June to October, inclusive, being 54,564. During the single month of October the attendance was as follows: On Mondays and Tuesdays, admission, twenty-five cents, 130; on Thursday evenings, 792; on Saturday

evenings, 1,226; during the daytime, Wednesdays to Saturdays, inclusive, 7,241; on Sunday afternoons, 9,208. Total for the month, 18,597. On pleasant Sunday afternoons, the attendance exceeded 2,000, or the full capacity of the building. The attendance has steadily increased from the opening of the building to the present time.

On Saturday, October 2, 1897, the first section of the building was dedicated to the purpose for which the Institute was incorporated, and to the purposes under which the building is leased by the City to the Board of Trustees of the Institute. The exercises of dedication consisted of a prayer by the Rev. Lyman Abbott, D.D., of Plymouth Church, President of the Council of the Institute; an address by Mr. A. Augustus Healy, President of the Board of Trustees of the Institute; an address by his Honor, Frederick W. Wurster, Mayor of the City of Brooklyn, on behalf of the City; an address by President Charles A. Eliot, LL.D., of Harvard University, on Education in a Democratic Form of Society. The U. S. Grant Post of the Grand Army of the Republic was present, and presented to the Institute a beautiful flag, which was accepted on behalf of the City and the Board of Trustees by Franklin W. Hooper, Director of the Institute.

Plans for the second section of the Museum building have been prepared by the architects, Messrs. McKim, Mead & White, and authority has been given by the Legislature for the issue of bonds which in the aggregate shall not exceed \$600,000, and of which not more than \$300,000 may be issued in one year; the proceeds of the sale of the same to be applied to the erection of the next section of the building.

For the maintenance of the Institute, the new Charter provides that there shall be set aside by the financial officers of the City a specific sum each year.

Large and valuable collections have already been placed in the building, and the demand of the public is the best indication of the need of enlargement of the building in the near future.

ORDINANCES.

The ordinances previously adopted in relation to the Parks and Parkways, at the request of the Good Roads Association, were taken up for revision and put in a shape that was considered satisfactory to all concerned. The rules adopted were as follows:

1. All vehicles must carry lighted lamps, showing a white light ahead, from thirty minutes after sunset until thirty minutes before sunrise.

2. Riders, drivers and cyclists must observe all the rules of the road, keeping to the right of the road at all times, except when overtaking vehicles going in the same direction, when they must pass to the left.

3. Riding or driving is prohibited on the paths in Prospect Park. Cyclists will be permitted to push their wheels on the walks from the drives to convenient shelters or to places of refreshment. They will also be permitted to push their wheels to benches on the walks, near the drives, when desiring to rest themselves. The owners of bicycles requiring temporary repairs must remove them to a place of safety on the sod near by until they have completed their repairs. Cyclists will not be permitted to lounge on benches of the Park after the hours fixed for closing. Only equestrians may use the paths especially set aside for them.

4. Cyclists must not coast in Prospect Park nor upon the bicycle paths, and must keep their feet on the pedals and their hands on the handlebars.

5. Bicycles and tricycles must be provided with bicycle bells not to exceed two and one-half inches in diameter.

6. The use of Chinese lanterns is positively prohibited in Prospect Park, on the Parkways and on the bicycle paths, excepting for parades, when a special permit must be obtained.

7. Riding more than two abreast on the bicycle paths is prohibited.

8. Cyclists must use the west path when going toward Coney Island and the east path in returning.

9. Cyclists must not mount or dismount except upon the extreme right of the paths.

10. Cyclists must not exceed a speed of eight miles an hour in the Park and twelve miles an hour on the bicycle paths.

11. Racing on the bicycle paths is prohibited.

12. Horses, wagons, carriages and pedestrians must not use the bicycle paths.

13. Instruction on the bicycle paths at any hour is prohibited.

14. It shall be unlawful for persons to speed their horses at any time whatsoever between Twenty second avenue and the Ocean Parkway entrance to Prospect Park.

15. Speeding is defined to be at a rate exceeding ten miles an hour.

16. Business wagons, trucks, etc., heavy or light, are prohibited from using the main drive of the Ocean Parkway. They must use the side roads at all times.

17. Speeding is prohibited upon all parts of Eastern Parkway.

18. Business wagons, trucks, etc., must use the block pavement at either side of the main road, or the side roads of Eastern Parkway.

These rules and regulations must be observed throughout the entire twenty-four hours and will be strictly enforced. Any violation will lead to arrest and the infliction of a fine.

In order to protect the Parkways, the Department had a bill passed which provided for the proper regulation of sign-boards, the establishment of courtyards and the prevention of nuisances along their lines. An ordinance was adopted which provided that all signs should be prohibited on the Parkways, excepting those relating to the sale of real estate, and the size of these signs was fixed at two and one-half by five feet, they to be placed back of the courtyard line. There was some opposition to this ordinance, but in the main it has been peaceably observed by those interested.

The law reads as follows :

CHAPTER 702, LAWS OF 1897.

AN ACT TO AMEND CHAPTER FIVE HUNDRED AND EIGHTY-THREE OF THE LAWS OF EIGHTEEN HUNDRED AND EIGHTY-EIGHT, ENTITLED "AN ACT TO REVISE AND COMBINE IN A SINGLE ACT ALL EXISTING SPECIAL AND LOCAL LAWS AFFECTING PUBLIC INTERESTS IN THE CITY OF BROOKLYN," AS AMENDED BY CHAPTER NINE HUNDRED AND FORTY-SEVEN OF THE LAWS OF EIGHTEEN HUNDRED AND NINETY-FIVE, RELATING TO THE DEPARTMENT OF PARKS.

Accepted by the City.

Became a law May 22, 1897, with the approval of the Governor. Passed, three-fifths being present.

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

SECTION 1. Section two of Title sixteen of Chapter five hundred and eighty-three of the Laws of eighteen hundred and eighty-eight, entitled "An Act to revise and combine in a single act all existing special and local laws affecting public interests in the city of Brooklyn," as amended by Chapter nine hundred and forty-seven of the Laws of eighteen hundred and ninety-five, is hereby amended so as to read as follows:

§ 2. The said Department of Parks shall have the exclusive government, management and control of all the parks, squares and public places in the city; and full and exclusive power to govern and manage the Ocean Parkway from the circle to the southwesterly angle of Prospect Park to the ocean, and direct and regulate the public use thereof, as also the circle and concourse at either terminus, and also Eastern Parkway in the Ninth and Twenty-fourth wards of said city, and the extension of the said Eastern Parkway through the Twenty-fourth, Twenty-fifth, Twenty-sixth and Twenty-eighth wards to Ridgewood Park, as the same is laid down upon the map filed in the office of the County Clerk of Kings county, and in the office of the Register of said county, in accordance with the provisions of Chapter four hundred and forty-four of the Laws of eighteen hundred and ninety-five, also, Fort Hamilton avenue and Bay Parkway, and to govern, manage and

direct the same and to regulate the public use thereof, and of such parts of the several roads, streets or avenues as run through or intersect the same, and to pass and enforce laws and ordinances for the proper use, regulation and government thereof, including the power to regulate and determine the height and character of all fences in or about all vacant or unimproved lands fronting upon or adjacent to all public parks, squares and places in said city, and the parkways, avenues, circles or boulevards under the care and management of said department, and to regulate and control the exhibition of advertisements thereon or structures intended for advertisements upon any lands fronting upon public parks, squares and places in said city, or upon such parkways, avenues or boulevards, and for all the purposes of such government, management and direction of public use, such parts of said roads or avenues as pass through or intersect said circles, avenues, parkways or boulevards, shall be deemed to be a part of Prospect Park, and it shall be under like control and management as said parkway, and the maintenance of said Ocean Parkway and Concourse, the Eastern Parkway and its extension and such other streets, avenues and parkways as now are or may be put under the control of the Department of Parks, shall be a charge upon the city of Brooklyn. And the said Department of Parks shall have, subject to the limitation aforesaid, full and exclusive power:

1. To lay out, regulate, improve and maintain the public parks of said City, the Ocean Parkway, the Concourse aforesaid, the Eastern Parkway in the Ninth and Twenty-fourth Wards of said City, the extension of the said Eastern Parkway through the Twenty-fourth, Twenty-fifth, Twenty-sixth and Twenty-eighth wards of said City, Bay Parkway, Fort Hamilton avenue, and such other streets as are now or may hereafter be placed under the control of said Department, and to govern, manage and direct the same and the public use thereof.

2. To make ordinances, rules and regulations for their proper management and government.

3. To appoint such engineers, surveyors, clerks and other officers and such police force as they may deem expedient, and to prescribe and define their respective duties and authority; and to fix and regulate the compensation to be paid to the several persons so to be employed by the said Department of Parks.

4. To locate, erect and maintain fountains, statuary, etc., on the said Parks or Parkways, or either of them, as well as upon the streets and avenues which form the boundaries thereof or intersect the same; to erect and maintain iron and other fences around the said Parks; to flag and re-flag the sidewalks of said streets, roads or avenues on the side which is adjacent to the said Parks; to increase the width thereof, and to set and re-set curb and gutter stones, shade trees and lamp posts thereon, and to determine where the sewer, water, gas and other pipes, conduits or mains shall be laid.

5. To determine the particular location of any railroad track which is now or may hereafter be placed upon such roads, streets, avenues, circles, concourse, parkways or boulevards, or upon any road, street or avenue under the control of said Department, provided, however, that no such railroad track or tracks shall be placed upon any such road, street or avenue, parkway, boulevard, concourse or circle, without the consent thereto of the Commissioner of Parks.

6. To seize and impound any cattle, sheep, swine, goats, horses, geese or other animals found running at large upon any of the public parks or parkways of the city of Brooklyn; to impose a penalty, not exceeding five dollars, with reasonable expenses, upon any animal so seized, and to enforce the payment thereof in such a manner as the said Department shall by ordinance direct.

SEC. 2. Subdivision seven of said section of said act, and the act amendatory thereof, is hereby amended so as to read as follows:

7. To let, from year to year, any buildings and the ground attached thereto belonging to the city of Brooklyn, which may be within the limits of any public parks until the same shall be required for public use.

SEC. 3. Subdivision eight of said section of said act, and the act amendatory thereof, is hereby amended so as to read as follows:

8. To sell any buildings, improvements or materials within the limits of the said parks and belonging to said city, which, in the judgment of said Department, shall not be required for the purposes of said parks or for public use, and the proceeds of such sales be deposited with the City Treasurer to the credit of the Department, and devoted to the improvement of said parks.

SEC. 4. Subdivision nine of said section of said act, and the act amendatory thereof, is hereby amended so as to read as follows:

9. The said department may also, in the name of the city, or of the said department, at its option, bring any action which it may deem proper, to recover damages for the breach of any agreement, express or implied, relating to or growing out of the management or improvement of the said parks, parkways or other places, territory or streets under its control, for penalties for the violation of any ordinances; or for injuries to personal property appertaining to the said parks, places, territory or streets or avenues or parkways, and to recover the possession of any such property. The said department shall have charge and management for the purpose of police and improvement of the land in the Town of Flatbush in the County of Kings, taken pursuant to statute, for a parade ground for the County of Kings. And all ordinances or rules which said Department shall at any time adopt for the regulation, use and management of the said parks or the parkways, boulevards, circles, highways or streets committed to its control and management shall immediately thereafter be published at least ten days in two daily newspapers printed in said city.

SEC. 5. Section fourteen of title sixteen of said act is hereby amended so as to read as follows:

§ 14. No buildings or other erections, except porches, piazzas, fountains and statuary, shall remain or at any time be placed upon any of the lots fronting upon Eastern Parkway, from Washington avenue easterly to the southerly line of the city of Brooklyn, or upon the extension of said Eastern Parkway to Ridgewood, or upon President or Douglass streets, from New York avenue easterly to said city line, within thirty feet from the line or sides of the said several streets respectively. The intervening spaces of land on each side of the said several streets shall be used for court-yards only, and may be planted with trees and shrubbery, and otherwise ornamented, at the discretion of the respective owners or occupants thereof. And no building now standing, or that may be hereafter erected, on any lot fronting or to front on either Union or Degraw streets easterly from New York avenue to said city line, shall ever be used for any purpose other than a stable, carriage house, conservatory for plants or greenhouse; but no livery or railway

stable or car house, shall at any time be erected or maintained upon any of the said lots. And at no time shall there be erected, established or carried on, in any manner whatever, upon any lot fronting upon the said Eastern Parkway or its extension to Ridgewood Park, or upon any lot bounded by either Union or Degraw streets, easterly from New York avenue to said city line, or upon the streets intersecting the Eastern Parkway between Douglass and President streets, or upon the Ocean Parkway, any slaughter-house, tallow chandlery, furnace, foundry, nail or other factory, or any manufactory for making starch, glue, varnish, vitriol, oil or gas or for tanning, dressing, repairing or keeping skins, hides, or leather, or any distillery, brewery or sugar bakery, lime kiln, railway or other stable or depot, or any other manufactory, trade, business or calling which may be in any wise dangerous, obnoxious or offensive to the neighboring inhabitants.

SEC. 6. This act shall take effect immediately.

The following ordinance was adopted to prevent accidents on the Parkways and to control funerals:

AN ORDINANCE.

By and under authority vested in me by Chapter 702 of the Laws of 1897, I do make the following ordinance:

1. IT IS HEREBY ORDERED that all coasting upon bicycles, sleighs, bob-sleds, sleds or vehicles of any description upon the Parks or Parkways under the control of the Department of Parks shall be prohibited.

2. The Eastern Parkway extension, from the Viaduct to Ridgewood Park, is hereby declared to be a part of Ridgewood Park, and all hearses are hereby excluded from the use of said Parkway between the points mentioned.

J. G. DETTMER,

Commissioner Department of Parks.

Attest: J. E. SMITH, *Secretary.*

All of which is respectfully submitted.

J. G. DETTMER,

Commissioner.

REPORT OF THE FOREMAN PLANTER.

OFFICE OF THE DEPARTMENT OF PARKS.

THE MANSION, PROSPECT PARK.

BROOKLYN, December 31, 1897.

HON. J. G. DETTMER,

Commissioner Department of Parks.

SIR.—I have the honor to submit the following report of work performed under my supervision in the Landscape Department during the year 1897.

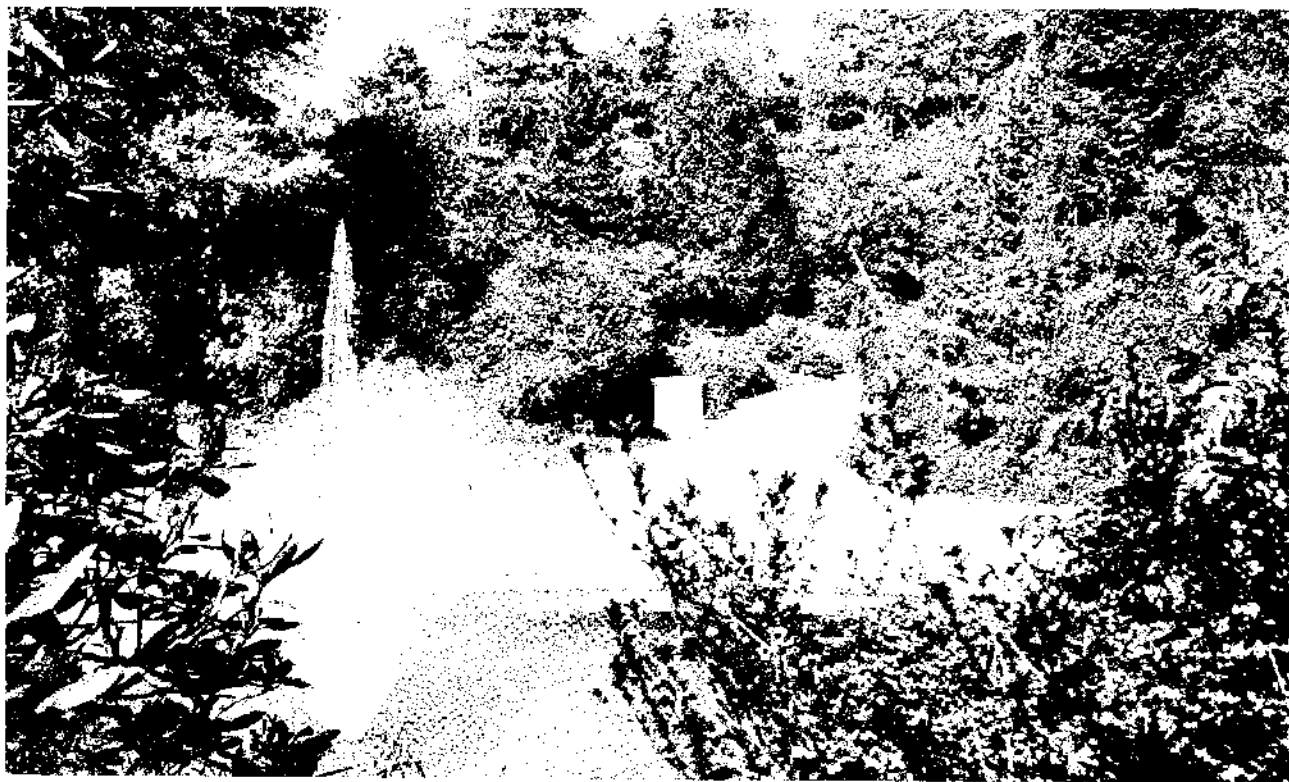
In the beginning of the year about 20,000 cuttings from various kinds of shrubs were made and planted in Prospect Park Nursery. The work of thinning out of crowded trees, the cutting out of dead ones and the pruning of trees and shrubs was carried on in all parks during the winter and early spring. As soon as the weather permitted work was started on the East Side Lands. A steep hill near Flatbush avenue and the Reservoir was lowered and about 1,000 loads of soil carted away. As the soil was very poor, mostly sand and gravel, 150 loads of rotten manure and leaf-mold was put on and covered with 2,000 yards of top soil. The ground thus prepared varied from 100 to 250 feet in width and extended about 2,000 feet along Flatbush avenue. Part of it was planted with trees and shrubs, and the other part, as the season being too far advanced, was sown with grass seed.

Trees, shrubs and evergreens planted, 1,465.

Grass seed sown, 1,200 pounds.

EASTERN PARKWAY.

Work was started along the Eastern Parkway as soon as the frost was out of the ground. The space between the main drive and the side roads, 34 feet wide, which was from 8 inches



LOOKING FROM THE POOL IN THE VALE OF CASHMERE.

to 1 foot above the curb, was lowered to 8 inches below the curb and filled with top soil for lawn. Around the trees a trench 2 feet wide and 1½ feet deep was dug and filled with top soil and rotten manure, to give nourishment to the trees. A path was made, of cinders and limestone screenings, 12 feet wide, with four intersections in each block, and at each intersection a bed of flowering shrubs was planted. The work was done from Park Plaza to Buffalo avenue, a distance of about 2½ miles; 1,500 pounds of grass seed was sown; shrubs planted, 1,008; trees planted, 67.

LINCOLN TERRACE.

In this new Park, at the corner of Eastern Parkway and Buffalo avenue, work commenced early in March. Steep hills on the south side were lowered, deep holes filled and covered with top soil, sewer and irrigation pipes laid, the walks graded out and filled with coal ashes and crushed stones, covered with one inch of limestone screenings, thoroughly rolled. A screen of shrubs and evergreens was planted along the sides of the Park, and many shrubbery beds, consisting of rhododendrons, azaleas, kalmias, torsythias, roses, weigelas, deutzias, etc. Shade trees and evergreens were planted about the lawn. The ground was graded and the grass seed sown. The sidewalks on Rochester and Buffalo avenue were graded and made of ashes and limestone screenings, and shade trees planted. Trees planted, 297; shrubs and evergreens, 10,100; shade trees on sidewalks, 46; grass seed sown, 1,450 pounds.

COOPER PARK.

Work in Cooper Park was started in April, and a number of trees, found in the Park when bought, were worthless and were removed. The remainder were properly pruned. The trees—ailantus, broussonetia, maclura and a few tilia—though not very good looking, planted on an avenue which went, formerly, through the Park, were left there, to give

shade immediately. The ground, which was very hard, had to be worked with plough and harrow thoroughly, graded and covered with a coat of good top soil. Irrigation pipes were laid, the walks graded out and covered with four inches of coal ashes. A screen of shrubs and low growing trees was planted along the fence, and several groups of flowering shrubs and shade trees were planted in lawn. On account of the fumes from the chemical factory nearby the selections of kinds were large and trees and shrubs were thickly planted, to allow for losses. The grass seed was then sown, and the ashes in walks covered partly with lime-rock screenings. Trees planted, 225; shrubs planted, 6,192; grass seed sown, 1,050 pounds.

COOPER GORE PARK.

Cooper Gore Park, a small triangle at the corner of Metropolitan avenue and Orient street, was graded, covered with top soil, and 75 pounds of grass seed sown.

NEW LOTS PLAY-GROUNDS.

In New Lots Play-grounds irrigation and sewer pipes were laid, the sandy ground was covered with top soil, the sidewalks made, paths in the Park laid out, and 66 shade trees planted on sidewalks.

FOREST PARK.

In Brooklyn Forest, bare banks along Myrtle avenue were ploughed, harrowed and graded, and grass seed sown; the slopes along the drive at the west end of the Park were graded, covered with top soil and seeded; 2,000 pounds of grass seed (English rye) were used. A nursery, about one and two-thirds of an acre, was started in October, and different kinds of trees and shrubs, where crowded, were taken out and planted in it for future use. Trees, shrubs, creepers and climbers from Prospect and Highland Park Nurseries were planted. Seeds of trees and shrubs in Prospect Park were, also, collected and sown. On two sides, the nursery is inclosed by an

iron fence, the line of the Park, but on the other two sides a wire fence was built, hidden by a privet hedge, to keep out animals.

The taking out of stumps, dead and broken trees, and the cutting off of dead branches along the drives is now going on.

BUSHWICK PARK.

The work in Bushwick Park consisted of planting fifteen trees and fifty shrubs. About half of the lawn, which was full of weeds, was resown. Around the Park, a trench, 4 feet wide and 2 feet deep, was excavated, filled with top soil and 102 shade trees (*Platanus orientalis*) were planted.

IRVING AND SARATOGA SQUARES.

Planting which started in the fall of 1896 was finished; walks and sidewalks were made of coal ashes and limestone screenings, the ground was properly graded, and grass seed was sown. Trees planted, 160; evergreens, 79; shrubs, 1,973; grass seed sown, 1,075 pounds.

DYKER BEACH PARK.

A tract of land of about fifteen acres, north of the new drive, was plowed, harrowed and graded; nursery stock secured in the fall of 1896 was planted. Trees and shrubs planted, 1,635; grass seed sown, 1,200 pounds.

BENSONHURST PARK.

At Bensonhurst Park sewer and irrigation pipes were laid. Dead locust trees found on the ground were removed and the remainder pruned. The bank toward the drive was made into a natural slope and the upper part plowed and graded. The walks were made of coal ashes and limestone screenings. As the soil was very sandy, and in some parts clear sand, top soil was put on to make the grass grow. The grass seed was then

sown, and 400 pounds were used. A steep slope near Twenty-first avenue was sodded. On the slope south of the drive, along the shore, as the salt water would not permit any lawn grass to grow there, a wild grass found growing in sand banks along the shore in Dyker Beach Park, was planted to make the bank green and keep it from washing away.

PROSPECT PARK.

The planting in Prospect Park was started in the last days of February. At the Picnic Grounds, where the old trees are dying, 420 shade trees were planted, such as oaks, ashes, lindens, maples, gleditschias, planer-trees, etc. There were 130 shade trees planted near Rocky Path, and 200 around the big lake. At different places, especially on bare, shady and half shady banks, 3,800 shrubs were planted to make an undergrowth, such as *Taxus baccata*, *Buxus sempervirens*, *Mahonia aquifolia* and *Japonica*, *Aralia pentaphylla*, *Rubus odoratus*, *Zanthorhiza apiifolia*, *Lycium chinense*, *Leucothoe cawtesbey*, etc. On the more open spaces other kinds of shrubs were planted. Along the walks in Rocky Path 1,100 native azaleas (*Calendula*, *Vasey*, etc.) were planted; also 4,000 ferns along the ravine. On the bare and shady banks at the Farm House, Boat House and at several arches, where grass would not grow, 21,000 creepers and climbers were planted, consisting of *Euonymus radicans*, *Hedera Helix* (English ivy), *Epigea repens*, *Herniaria glabra*, *Michella repens*, *Vinca minor*, *Lonicera chinense*, *L. brachypoda*, *L. Halleana*, etc.; 3,475 pounds of grass seed were sown, and in addition many bare spots were covered with sod.

Around Prospect Park, on Flatbush avenue, Ninth avenue and Fifteenth street, 149 shade trees were planted. The pruning of trees and shrubs, and the cutting out of dead and crowded trees was carried on during the season, though much more should be done to give good specimens room and light.

In Prospect Park Nursery two lines of frames were built (58 sashes) and 43,900 cuttings of *Hedera Helix*, *Vinca minor*,

Lonicera Halleana, *Ampelopsis Veitchii*, *Euonymus radicans*, *Rosa Wisluriana*, *Lysimachia*, etc., were made, and will be ready for transplanting next spring.

CITY PARKS.

In Fort Greene, Winthrop, City, Carroll, Bedford, Tompkins, Zindel, Stuyvesant, and other small Parks, the necessary planting of trees and shrubs was attended to. Shade trees on sidewalks about these Parks were planted where needed. The lawns in these Parks were re-sown or sodded where necessary. To ornament the new Shelters in City, Winthrop and Bushwick Parks, different kinds of climbers were planted.

ON THE PARKWAYS.

On the Parkways, the lower branches of the shade trees, which interfered with the bicycle riders and carriage drivers, was cut off, broken and dead branches removed, and dead trees were taken out.

TREE SPRAYING.

The spraying machine was in operation from June 7th till July 23d, or thirty-five working days. As usual, it was the Tussock moth and the Elm beetle which had to be fought, though the latter were not found in such numbers as they have been the last half dozen years. The trees in Fort Greene, Tompkins and Bedford Parks suffered most and had to be sprayed two to three times. The trees in and around Prospect Park, also on the Parkways, were sprayed once. A case-bearing caterpillar, about one-half inch long, which was discovered in Prospect Park last year, on elm trees, showed this year again, but not in large numbers. The web-worms, which were very numerous in the parks this season, were gathered and burned.

Trees sprayed by steam sprayer, 21,250.

In small Parks, such as Carroll, City, Winthrop, Bushwick, etc., quite a number of trees and shrubs were sprayed by hand-pumps.

EASTERN PARKWAY EXTENSION.

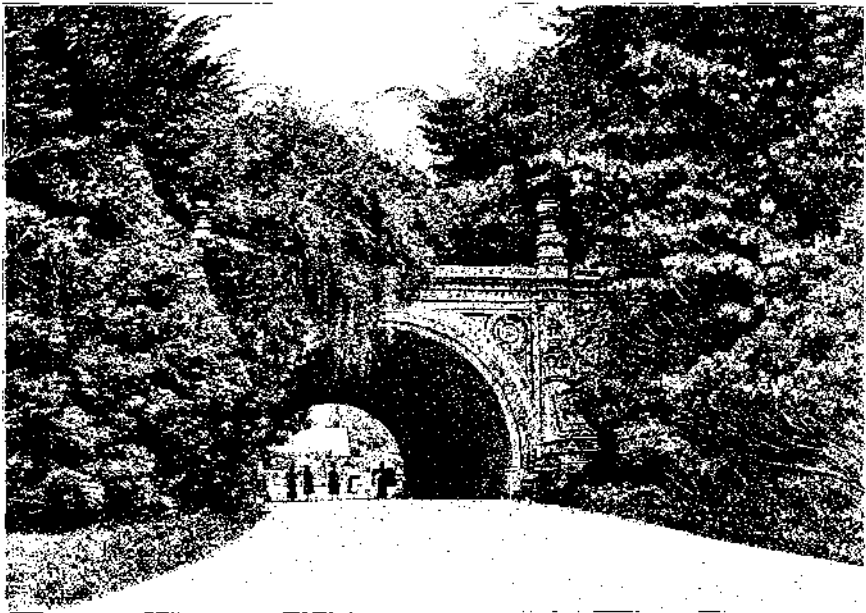
As soon as this new drive, from Eastern Parkway and Ralph avenue to Ridgewood Park, was completed, preparations were made for planting shade trees. The holes were dug four feet in diameter and three feet deep, filled with good top soil, and 701 shade trees (*Platanus orientalis*) were planted. On Miller avenue, from the extension to Jamaica Plank avenue, forty-four shade trees (*Tilia europæa*) were planted.

The plantation on the East Side Lands, west of the Reservoir, was thinned out and the trees and shrubs are now used south of the Reservoir, along Flatbush avenue.

Respectfully submitted,

E. DEHN,

Foreman.



CLEFT RIDGE SPAN, PROSPECT PARK.

THE ENGINEER'S REPORT.

WORK DONE UNDER HIS SUPERVISION IN THE DEVELOPMENT
OF PARKS AND PARKWAYS, SHOWING MATERIAL
USED AND RESULTS ACCOMPLISHED.

DEPARTMENT OF PARKS,
ENGINEERING DEPARTMENT.

BROOKLYN, December 31, 1897.

HON. J. G. DETTMER,
Commissioner Department of Parks.

SIR.—I have the honor herewith to submit to you a detailed statement of the work accomplished by and under the supervision of the Engineering Department during the past year. Never in the history of the Department have more roadways been constructed in one year, and never has this work been obtained at such low figures. With the closing of the year the record shows the Department in the possession of more miles of finely constructed drives than it ever possessed before, and with a sum total of work done which may well be viewed with pleasure by all concerned in its accomplishment.

In a general way the work done under the direction of the Engineering Department may be summed up in the following manner:

ROADS BUILT.

Macadam, 16 miles; asphalt, 4 miles; granite, 7,951 square yards; brick, 1½ miles.

ROADS REPAIRED.

Macadam, 11 miles; granite, 2,382 square yards.

PATHS BUILT.

Kosmocrete, 19,204 square feet; asphalt, 34,443 square feet; board, 1,890 lineal feet; cinder and bluestone, 12 miles; Ohio sandstone, 1 mile.

GUTTERS.

Brick, 2½ miles; cobble, 1 mile; granite, 6 miles; kosmocrete, 6 miles.

CURBING.

Bluestone, 7 miles; kosmocrete, 5 miles.

BRIDGES.

Two steel; one viaduct; one stone arch; one wooden trestle.

MISCELLANEOUS.

One electric fountain; crosswalks, 5,000 lineal feet; nine-inch drain pipe, 10,000 lineal feet; sewer basins, 139; iron fence, 17,000 lineal feet; top soil spread, 25,000 cubic yards; two flights granite stairs built; two iron stairways built; irrigation pipe, 13,000 feet; drinking fountains, 12; granite coping, 238 cubic yards; yards of earth moved, 75,000; masonry in walls, 6,016 cubic yards.

WHERE THE WORK WAS DONE.

Prospect Park—The work done in this Park consisted mainly in repairing, rebuilding and resurfacing roads and walks. On account of the continued heavy rains in the early summer, much work on Park roads had to be done over three or four times.

The East drive was entirely resurfaced with trap rock and Roa Hook gravel, a distance of 4,200 lineal feet. The West drive was picked up and resurfaced with Roa Hook gravel, from gate No. 4 to gate No. 6, and from there to the main entrance it was repaired where necessary. All this work was done by Park labor.

The Well-house drive was rebuilt with a layer of 1½-inch trap rock, 3 inches in thickness, topped with 1 inch of Roa Hook sand, from the West Drive to Terrace Bridge, a total of 7,733 square yards. This work was done by Contractor J. F. Maillie, for the sum of \$2,938.54.

The road leading to the Farm House was widened from 9 feet to 16 feet and paved with Belgian blocks. The work was done by J. F. Maillie, at a cost of \$250.00.

The road leading from the West drive to the Park shops and stables was resurfaced with Roa Hook gravel and brick gutters put down.

A walk was constructed connecting the Palm House with the Ninth street gate. It is 422 feet long and 10 feet wide, covered with 5 inches of steam cinders and topped with 1 inch of limestone screenings. A similar walk was built leading from the Palm House to the West drive, a distance of 305 lineal feet. The road is 7 feet wide. A granite crosswalk, 5 feet wide, was laid from the walk leading to The Mansion across the stable yard to the Palm House, a distance of 425 lineal feet. Work done by J. F. Maillie, at a cost of \$225.00.

Thirty-four thousand four hundred and forty-three square feet of asphalt walk was put down or resurfaced by Cranford & Co., at a cost of 8 cents per square foot.

The Plaza—The principal feature of the Plaza improvements was the construction of the Electric Fountain. The work was done by the Wilson & Bailie Manufacturing Company, after design of F. W. Darlington, for the sum of \$24,500. There were 425 lineal feet of granite bridging put down as an approach to the fountain; 4 new catch basins and 374 lineal feet 9-inch drain pipe were introduced for properly draining the Plaza; 1,684 square yards of Belgian block pavement were relaid around the fountain and 268 square yards near the Memorial Arch.

The approach to and the sides of the Memorial Arch were macadamized at a cost of \$175.00.

East Side Lands—The northwesterly section of the East



THE ESPLANADE AND EAST DRIVE AT THE FLOWER GARDEN, PROSPECT PARK.

Side Lands was graded and shaped, covered with top soil and planted with shrubs; 3,800 truck loads of top soil were used, part of which was purchased and part exchanged for the privilege of dumping dirt on the part of the lands below grade. The Park was inclosed with an iron picket fence and gates provided for the entrance. Total length of fence, 5,458 lineal feet. At the northwest entrance a flight of 12 granite steps, 13 feet wide, was carried up at a total cost of \$175.00.

Forest Park—A large amount of work was done at this Park during the year. The roads, started last year, were finished from Jamaica Turnpike to Union Turnpike, a distance of 17,740 lineal feet. Early in the Spring a contract for finishing the grading of these roads was awarded to H. J. Mullen, who excavated upward of 35,000 cubic yards of earth and boulders. The greater part of the earth was used in filling in low sections along the line of the road, while the boulders and top soil were stored in piles for future use. The average cost of this work was thirty cents per cubic yard of earth removed. Two steel bridges, one 216 feet and the other 92 feet long by 36 feet wide, forming a carriageway of 24 feet and a walk on either side, each 6 feet wide, were built along the line of the road. The longer of the bridges spans the cut of the New York and Rockaway Beach Railroad. The shorter carries the road over Myrtle avenue. The total cost of the two bridges was \$10,739.00. The abutments were built by H. J. Mullen and the Wrought Iron Bridge Company.

An arch was built over a ravine east of Metropolitan avenue, the wings and parapet walls being built of rubble laid in cement. Work done by H. J. Mullen, at a cost of \$2,200.00.

A road, beginning at Jamaica Plank Road, near Shaw avenue, and winding along the hillside to the top of the ridge, was built by contract; the work was done by W. J. Van Ostrand. The quantities are: Excavation, about 10,000 cubic yards, at 20 cents per cubic yard; macadam, from 8 to 10 inches thick (crushed cobblestone), 7,220 square yards, at 33 cents per square yard. Cobblestone gutter, 710 square yards, at 30 cents per yard.

This road is 2,600 feet long by 40 feet wide. Width of macadam, 25 feet; width of gutter, 3 feet. 14 catch-basins were set and 621 feet of 9-inch drain pipe laid. In the absence of sewers the water is carried over the slopes in wooden chutes.

The roads graded last spring have been macadamized. The work consisted of a strip of macadam pavement 18 feet wide and about 7 inches thick in the center of the roadway, which was graded to a width of 40 feet. The stone for the macadam was furnished to the contractor by the Department, the boulders deposited during the grading of the roads being used for this purpose; 90 per cent. of this material was trap rock. Catch basins and blind drains were introduced wherever required. The length of this improvement is 10,240 lineal feet, and the cost is 90 cents per lineal foot. The work has been done by J. F. Maillie. The refilling of collapsed slopes along the Myrtle avenue front was done to the extent of some 1,000 cubic yards, at a cost of 30 cents per cubic yard. About 5,000 feet of iron picket fence were put up by the Rogers Iron Company, of Springfield, Ohio, along the northerly boundary line of the Park. Various smaller improvements and repairs were carried on by Park labor. The road leading in from Myrtle avenue was not macadamized this year because of lack of funds and time. This should be completed early next year.

Dyker Beach Park—The main road in this park, cut through last year, was macadamized from Seventh avenue to Cropsey avenue, a total length of 3,020 lineal feet. The road is 25 feet wide. The material used was broken cobblestone (about 75 per cent. trap), for bottom course, 5 inches thick, bound with coarse sand, and Hudson River trap rock 3 inches thick bound with Roa Hook sand for top course. 8 catch basins and 306 lineal feet 9 inch drain-pipe were introduced. The bath houses erected at the beach last year were damaged by wind and tide to such an extent that they became useless and were removed. Numerous smaller improvements were made by Park labor.

The macadam work was done by J. F. Maillie, at a cost of \$5,780.00.

Bensonhurst Park—This park was finished during the summer. The drive along the Beach from Twenty-first to Twenty-second avenues, was macadamized, guttered and drained. The material used was limestone, 5 inches thick, bound with sand, for the bottom course and Hudson River trap rock, 3 inches thick, bound with Roa Hook sand, for the top. The gutter, 7½ feet wide on either side of the macadam, was paved with cobblestone. The length of the road is 890 feet; the width of the macadam, 25 feet; total width, 40 feet.

The Park was supplied with 3,400 cubic yards of top soil. The level parts were seeded, and the slopes sodded. The road-work, including drainage, was done under contract, for the sum of \$2,390.00; the rest of the work by Park labor. The walks were covered with 5 inches of steam cinders topped off with 1 inch of screened limestone. A total of 17,484 square feet was laid; 3,000 lineal feet of 2-inch water pipe was laid by Park plumber for irrigation purposes, and 12 garden hydrants and one drinking fountain supply the Park with water. The connection with the City's main was made at Cropsey avenue and Bay Twenty-seventh street. 9 Park basins and 478 lineal feet of 9-inch pipe were put down for drainage.

Twelfth Ward Park—This Park was inclosed by an iron picket fence, 1,920 feet in length, at a cost of 85 cents per lineal foot. The surface of the Park was graded by contract, at a cost of \$700.00.

The sidewalks were dug out 8 feet wide and 6 inches deep all around the Park and the trench filled with steam cinders.

Lincoln Terrace—This Park was graded, covered with top soil and planted during the spring and early summer. The walks were cut out, the trenches filled with 6 inches of steam cinders and topped over with one inch of limestone screenings. The total length of walks constructed is 3,100 feet—the average width 13 feet; total area, 40,300 square feet.

Water was introduced into the Park and a total of 3,654 lineal feet of water pipe put down; 24 garden hydrants supply the plantations with water.

Sewers not having been put down in the surrounding streets, a makeshift had to be devised to drain the lower sections of the Park. A total of 925 feet of drain pipe and eight catch basins were put down for this purpose. The outlet of the drain is on Buffalo avenue near East New York avenue on the hillside.

The sidewalks on Eastern Parkway, Buffalo and Rochester avenues were graded and covered with ashes to a depth of 5 inches, topped with 1 inch of limestone screenings.

Length of sidewalks, 1,900 lineal feet; width, 8 feet; area, 15,200 square feet.

Saratoga Square—This Park was completed early in the spring. The walks both in and outside of the Park were graded and covered with steam cinders to a depth of 5 to 6 inches, topped with limestone screenings. The total area of walks so covered is 38,400 square feet; the cost about 2½ cents per square foot.

Two electric lights were provided for this Park.

Irving Square—This small park was completed and opened to the public early in the spring. The walks and sidewalks were treated in the same manner as those in Saratoga Square.

The area of walks and sidewalks is 42,012 square feet; the cost same as above.

Tompkins Park—A new shelter has been erected in this park, the basement of which is used for toilet rooms, provided with all sanitary improvements, and the upper part, having a floor space of 28 x 40 feet provided with seats and only partly inclosed. This can also be used as a band stand in the summer season. An additional drinking fountain was put up.

Cooper Park—This Park has been practically completed. The planting has been finished and the lawns seeded; 1,200 cubic yards of top soil has been purchased and used for the plantation. The walks have been cut out and graded, covered with 5-inch steam cinders and topped with limestone screenings. The area of walks is 38,270 square feet, and the cost 2½ cents per square foot. The sidewalks around the

Park have not as yet been finished, as only one of the surrounding streets is properly graded. Water has been introduced into the Park, and 1,200 lineal feet 2-inch galvanized pipe and 1,800 lineal feet 1-inch iron pipe have been laid; 26 garden hydrants supply the required water.

Cooper Gore Park, at the junction of Metropolitan and Orient avenues, has been graded, fenced in and seeded; length of fence is 700 feet. There were 794 cubic yards of earth removed, and 314 cubic yards of top soil spread, the latter a gift of Alderman F. F. Williams.



THE VALE OF CASHMERE.

Ridgewood Park—The main drive of this Park has been completed for some distance.

The concrete gutter has been extended 1,076 lineal feet, having been constructed by Wilson & Baillie Manufacturing Company at a cost of 20 cents per square foot. The drive south of the Reservoir has been graded and extended to Jamaica avenue.

A total of nearly 10,000 cubic yards of earth were excavated and removed at a cost of 20 cents per cubic yard. A brick gutter, beginning at the brow of the hill and extending to

Jamaica avenue, has been put down, a total of 5,600 square feet. A first course, of broken cobblestone, has been put down in the roadway, and has been temporarily covered with 2 to 3 inches of gravel and screenings. This roadway should have a covering of Hudson River trap-rock, about 3 inches thick, next spring, to maintain it as a good and serviceable road.

Four catch basins, 100 feet of 12-inch cast-iron pipe, 2,910 feet of 9-inch drain pipe and 282 feet of 15-inch sewer pipe have been laid to convey the surface water into the sewer. The walks have been extended, and those started last year have been completed, a total of 49,379 square feet having been thrown open to the public. A flight of granite steps, 13 feet wide, was built, leading from the main drive to the walk on top of the Reservoir, at a cost of about \$300, and 1,600 cubic yards of top soil, stored in previous years, have been spread and seeded. The plantations have been considerably extended. The lack of proper irrigation was felt early last summer, and, there being no water main at hand at the high elevation this Park occupies, a large tank, formerly located on the Ocean Parkway, was set up, connected with a system of surface irrigation pipes, some 3,600 feet in length, and the tank pumped full from the adjoining reservoir. The pump used is an old steam fire engine loaned to the Park Department, for that purpose, by Fire Commissioner William Cullen Bryant. There are 18 garden hydrants which supply the necessary lawns and plantation, and this system has proved a decided success.

New Lots Play-Ground has been inclosed with an iron fence. The walks have been cut out and filled with steam cinders. About 3,000 cubic yards of top soil have been spread. The sidewalks have been graded and the first course of steam cinders put down. Trees have been planted along the edges of the sidewalks. The walks and sidewalks have not received their top coating of limestone as yet. This should be attended to early in the spring, when this Park could be seeded, planted and completed.

The system of drainage and irrigation contemplated for this square has been carried to completion, and 1,060 lineal feet of 2-inch iron water pipe and 320 lineal feet of 1-inch iron water pipe have been put down and connected with the pipes of the Long Island Water Supply Company; 14 garden hydrants have been set up.

Sixteen catch basins and 1,800 feet of drain pipe carry the surface water into the sewer.

Linton Park—This square has been inclosed with the usual iron picket fence, in all 1,400 lineal feet.

Concourse Lands—The shelters formerly located at the foot of Ocean Parkway were so roughly handled by wind and tide in the early spring that it was deemed necessary to move them to a more sheltered location to save them from utter destruction. This work was done successfully at a cost of \$3,500.00.

The smaller, inclosed, shelter was moved to the north side of the Concourse, west of the Ocean Parkway, and set up on piles about four feet above the sidewalk grade. It was thoroughly renovated and remodeled. The large open shelter was set up in the middle of the plot west of the Ocean Parkway, and south of the Concourse.

The plot of land comprising the Concourse lands has again greatly suffered from the ravages of the ocean, as shown on the maps accompanying my report, about three-fifths of the original purchase having been washed out to sea in the last twelve years.

THE PARKWAYS.

Ocean Parkway—This drive has been considerably improved during the year.

The main drive has been provided with a Kosmocrete curb and gutter, extending from Coney Island avenue to Bay Parkway. A total of 17,700 lineal feet were put down by the Parkhurst Curbing Company at \$1.00 per lineal foot.

A contract for the macadamizing of the Ocean Parkway was awarded early in the summer. The contractors failing to perform the work according to agreement, their contract was broken by the Commissioner, and as the season was far advanced, a contract for the construction of a gravel road was awarded to the next highest bidder, Mr. J. F. Maillie, who completed his work satisfactorily. The area of this roadway is 72,000 square yards, and the total cost was \$10,700.00, or a little less than 15c. per square yard.

The materials used were bank gravel in various depths (from 4 to 12 inches), topped with a coating of trap rock screenings, about one inch thick, rolled with 10-ton steam rollers, until the whole mass became compact. The roadbed thus produced gave general satisfaction to riders and drivers.

The macadamizing of the west roadway of the Ocean Parkway was continued from Kings Highway to the Concourse at Coney Island, a distance of 11,340 lineal feet. The old blue-stone curb removed from the main drive was rejointed and set up along this roadway, and a gutter of old granite Belgian blocks, two feet wide, was provided on each side of the roadway. The macadam consisted of a bottom course of broken cobblestone from four to ten inches in thickness, according to the nature of the sub-soil, which is largely marshy, bound with sharp sand. The top course provided for three inches of Hudson river trap rock, bound with Roa Hook sand, and the whole well compacted with 10-ton rollers. The quantities used were: Macadam, 23,950 square yards; gutter, 7,550 square yards; curbing, 17,000 feet. Various catch-basins, drains and culverts were introduced along the line of the work, and connected with the sewers where they existed. On account of the heavy traffic concentrated along the roadway, only twenty-five feet wide, part of the work, done early last year, had to be re-surfaced this fall, especially the section from Coney Island avenue to Church avenue, which had been badly worn. It was re-covered with North River trap rock and Roa Hook sand. The two cycle paths were kept in excellent repair all summer. The

westerly, or old cycle path, is below grade in some sections between the Park and Bay Parkway, and should be raised next spring, just after the frost is out of the ground.

The section of the main drive below Bay Parkway has received the usual attention, such as rolling, scraping and graveling, and is in fairly good shape. The great need of the Ocean Parkway is proper drainage. What sewers there are along the line of the road are small, and not designed to receive any surface drainage. Attempts to improve this drive below Bay Parkway will be ineffectual until the road is thoroughly drained. A sewer, beginning with a 15-inch egg-shaped pipe at Coney Island avenue and running into the lateral sewer at Avenue E, thence a sewer of the same size, beginning at Bay Parkway to about Avenue U, and from there to Coney Island creek, a 20-inch pipe would, in my opinion, provide adequate drainage.

The Plaza, at the intersection of Coney Island and Fort Hamilton avenues also demands better drainage. In its present condition improvement is impossible. Only one sewer leads from it, and this is a 12-inch pipe along Coney Island avenue, which is entirely inadequate, the large flow of water during a heavy rain storm choking it up within five minutes. Some relief has been promised for next year, as the Sewer Department is about to build a sewer along Church avenue.

Eastern Parkway—A number of improvements have been made along this popular drive. The main road has been resurfaced from New York to Troy avenues, and from Rogers to Bedford avenues. The roadway was picked with a steam roller; the old material removed to a depth of four inches below the finished grade. The road was then brought to grade with a layer of North River trap rock bound with Roa Hook sand and thoroughly compacted with a ten-ton steam roller. The work was done in a very thorough and workmanlike manner, by Harris & Maguire, at a cost of 60 cents per square yard complete. The total area of the work so done is 11,617 square yards.

The trolley railroad crossings at Nostrand avenue and at Utica avenue have been repaved with vitrified brick set in pitch, and the railroad company has borne the greater part of the cost of the work. The blocks from Bedford avenue to the Park Plaza were resurfaced with Roa Hook gravel to a depth of about three inches, a total of 12,960 square yards having been resurfaced in such manner.

The promenades north and south of the main drive have been thoroughly remodeled. The ground around the trees was dug up and removed to a width of 11 feet 6 inches on either side of the promenade, and to a depth of about nine inches. These spaces were then filled with good top soil and seeded. A walk was constructed between these lawns, 12 feet wide, and extending on the south side from Washington avenue to Buffalo avenue, and on the north side from Bedford avenue to Buffalo avenue. The material used for the walk was steam cinders, closely packed, topped with limestone screenings. The cost of the walk was 23 cents per lineal foot (12 feet wide).

Two catch basins were put down at Kingston avenue, and 78 lineal feet of 6-inch drain pipe were laid.

Eastern Parkway Extension—The extension was completed during the autumn from Eastern Parkway and Ralph avenue to Ridgewood Park.

The pavement of the driveway consists of a macadam strip in the center, 30 feet in width, and an asphalt strip on either side, each 20 feet wide, thus producing a total width of roadway of 70 feet. This style of road begins at Ralph avenue, and runs to Bushwick avenue. Along the line of old Bushwick avenue the roadway is only 42 feet wide, and paved with Johnsonburgh brick set on concrete foundation. From Bushwick avenue to Ridgewood Park the roadway is 70 feet wide. It is paved as far as the Viaduct with Johnsonburgh brick, and from there to the Park with Catskill brick on concrete base. The sidewalks have been partly flagged.

The quantities of material used were:

Macadam	22,723 square yards
Brick pavement.....	29,128 " "
Asphalt "	39,253 " "
Granite "	5,991 " "
Curb.....	24,653 lineal feet
Bridging.....	886 square feet
Repaving	2,382 square yards
Concrete for foundations, etc.....	15,672 cubic yards
Masonry.....	6,016 " "
Granite coping.....	238 " "
Cement sidewalks.....	19,204 square feet
Board walk.....	1,890 lineal feet
Catch basins	56
Manholes.....	4
12-inch sewer pipe.....	4,446 lineal feet

Two iron stairways were constructed, one at a cost of \$590, the other to cost \$345; 2,000 lineal feet of iron picket fence were put up at a cost of 85 cents per lineal foot, and 5,555 lineal feet of Ohio sandstone flagging, laid at an expense of 90 cents per lineal foot, 6 feet wide. About 6,400 cubic yards of top soil were used along this Boulevard for planting, etc., and 701 trees were set out. Mr. Walter M. Meserole was the engineer in charge of this work.

Fort Hamilton Avenue—A section of this road was macadamized during the summer, extending from Sixty-seventh to Seventy-ninth street. Mr. Thomas Monahan had the contract for the sum of \$14,460.

The length of improvement was 3,128 lineal feet, and the quantities of material used were as follows:

Excavation.....	3,192 cubic yards
Curb.....	6,256 " "
Belgian block gutter	1,390 square yards
Macadam.....	16,200 " "
Catch basins	6
9-inch drain pipe.....	400 lineal feet

The trolley railroad crossing at Bay Ridge avenue was paved with Catskill brick, and measures 140 square yards.

The material used for macadam was limestone for the first course, 5 inches in thickness after rolling, bound with coarse sand and Hudson River trap rock 3 inches in thickness when rolled, bound with Roa Hook sand for the top course; 1 catch basin was put down at Fifty-first street at a cost of \$10.00.

Bay Parkway—This Parkway was kept in excellent condition during the year. It was well sprinkled and cleaned at an expense of about \$75.00 per week. The old portion of the Parkway was put in good condition, trap rock and Roa Hook gravel being used for repairs at an expense of about \$500.00, and 3 catch basins and 175 lineal feet of drain pipe were put down by Park labor.

The force of men employed in the Engineers' Department during the year just closed consisted of two levelers (one temporarily), one chainman, one special laborer and two ordinary laborers, employed off and on.

Respectfully submitted,

M. J. ZARTMANN, C. E.,

Engineer in Charge.



DYKER BEACH.

REPORT OF THE PROPERTY CLERK.

OFFICE OF THE DEPARTMENT OF PARKS,
"THE MANSION," PROSPECT PARK.

BROOKLYN, Dec. 31, 1897.

HON. JACOB G. DETTMER,

Commissioner of the Department of Parks.

SIR.—I herewith respectfully submit the following inventory of the stock and miscellaneous articles belonging to the Department of Parks, distributed among the various Parks and Parkways under my care as Property Clerk.

LIVE STOCK.

The live stock of the Department consists of 16 work horses, 11 police horses, 2 horses for use of Commissioner; Engineer's use, 3 horses; Forest Park, 1 horse; 8 horses used by the different foremen of Parks and Parkways, making a total of 41 horses at the present time. At the time of making the last report the Department owned 39 horses; which number has been increased by the purchase of 4 horses for police, 2 truck horses and 1 driving horse, and decreased by the sale of 2 horses and death of 3 others. The number of horses, as per last report, 39; increased by purchase, 7; total, 46; decreased by sale and death, 5; leaving a total of 41.

MENAGERIE.

The other live stock of the Department, which makes up the menagerie, consists of the following: Sheep, 50; deer, 15; elk, 14; bison, 1; sacred cow, 1; bears, 3; puma, 1; raccoons, 2; opossums, 2; rabbits, 18; dogs, 2; geese, Egyptian 9, Chinese 36; ducks, 7; pea fowl, 8; turkeys (white), 4; pheasants, 3; eagle, 1; doves, 8; macaws, 2.

ROLLING STOCK.

The rolling stock consists of 1 excavator and pump, 30 double sprinklers, 2 single; 2 steam rollers, 1 spraying machine, 4 horse rollers, 5 dirt trucks, 2 spring trucks, 2 box trucks, 2 leaf trucks, 6 carts, 1 top florists' wagon, 4 business wagons, 4 buggies, 2 phaetons, 1 buckboard, 1 spindle wagon, 1 gig, 2 surreys, 1 exercising cart, 1 road sweeper, 3 extra brooms, 1 road maker, 2 sleighs, 1 horse rake, 2 horse tethers, 1 hand truck, 19 horse mowers, 3 buckeye mowers, 10 road scrapers, 1 scuffer, 10 large snowplows, 6 small snowplows, 3 snow scrapers for the Lake, 2 ice planers, 1 Howe's platform scale, and 1 hay cutter.

HARNESS MAKERS' STOCK.

Two sets of Boston backers, 2 sides of leather, 1 new cart saddle, 2 sets of cart harness, 1 canvas sling with breeching and collar.

HARNESS ROBES, ETC.

Ten sets of double harness, 5 sets of cart harness, 4 business harness, 15 mowing harness, 10 buggy harness, 1 set of hoisting harness, 1 double surrey harness, 4 whips, 37 Baker blankets, 18 outside blankets, 5 carriage blankets, 2 blankets for covering plants in florist wagon, 3 heavy Dutch collars, 2 sweat blankets, 14 lap robes and sheets, 10 old collars, 5 fur robes, 24 duck stable sheets, 12 new surcingles, 6 fly nets, 3 rubber horse covers and a miscellaneous stock of currycombs, brushes, chamois, sponges, pails, forks, etc.

PROPERTY IN CIVIL ENGINEERS' OFFICE.

Three transits complete, 1 blue print frame, 2 levels complete, 1 blue print pan, 4 rods, 3 poles (wood), 2 poles (iron), 1 roll blue print paper, 1 roll of tracing cloth, 6 T wood squares, 4 steel straight edges, 4 drawing boards, 1 iron rod for measuring stone, two 100-foot steel tape, 4 iron pins, four 50-foot steel tape, 6 plumb bobs, 8 celluloid triangles, 12 curves,

celluloid; 3 rubber triangles, 18 curves, wood; 8 scales, one 2-foot rule, 1 parallel rule, 1 protractor, steel; 1 pair of rubber boots, 1-2 roll of drawing paper, 1 round writing pen, 2 axes, 1 stepladder, 1 pail, 1 coal shovel, 2 cuspidors, 3 stools, 4 chairs, 12 bottles of drawing ink, 1 desk, 1 drawing table, 1 ink well, 5 erasers, rubber; 1 steel eraser, 6 iron weights, 4 right line pens, 5 dividers, 1 water glass, 2 dozen thumb tacks, 2 thumb tack lifters, 1 broom, and 1 whisk broom.

STOCK ROOM.

Twenty cane brooms, 16 hoes, 66 lantern globes, 18 lamp chimneys, 7 grub picks, 1 box of stove blacking, 1 buck saw, 12 dozen cane broom handles, 1 cuspidor, 12 wood hay rakes, 24 cane brooms, 2 kegs of white lead, 1 scale, 15 manure forks, 11 long handle shovels, 2 mop handles, 12 stove pipe elbows, 9 sickles, 3 coal hods, 12 scythe blades, 5 window brush handles, 4 mop filters, 4 pairs of hand shears, 36 pick handles, 1 box of ground mole traps, 5 gallons of carbolic acid, 4 hay forks, 5 bags of grass seed, 10 round shovels, 16 coal shovels, 9 basin scoops, 22 spades, 4 square shovels, 24 wheelbarrows, 12 scythe handles, 16 sponges, 15 bush hooks, 2 coils of wire, 6 hand lamps, 13 border cutters, 1 squirt gun for flowers, 1 gallon measure, 4 hose nozzles, 9 hand pruning shears, 7 pruning saws, 8 pairs pole shear knives, 24 lamp burners, 4 pairs of brass hinges, 8 garden trowels, 11 padlocks, 11 files, 5 balls of lamp wick, 19 lamp wicks, 2 sledge hammers, 2 boxes of chain for drinking cups, 3 scrub brushes, 1 roof brush, 2 sash tools, 6 packages of brads, 6 pruning saw handles, 5 window brushes, 10 hair dusters, 7 short handle axes, 10 snow shovels, 4 crowbars, 6 whisk brooms.

TOOL ROOM, WEST SECTION.

One hundred and eighty picks, 86 shovels, square; 48 round shovels, 42 snowshovels, 10 scoop shovels, 15 manure forks, 44 wood rakes, 15 spades, 17 scythes, 24 iron rakes, 40 mat-tocks, 4 plows, 15 gutter hoes, 4 harrows, 12 diamond hoes,

34 dirt barrows, 6 scuffle hoes, 7 garden barrows, 400 feet of rubber hose, 3 pairs of rubber boots, 4 mops, 18 axes, 17 saws, 6 iron bars, 1 buck saw, 8 wrenches, 12 leaf baskets, 3 bull nose shears, 6 grass clippers, 18 stone forks, 12 drills, 6 watering cans, 10 sand stones, 7 oil cans, 5 water pails, 12 ladders, 3 pole shears, 20 pruning shears, 2 hatchets, 2 hammers, 1 sledge hammer, 8 wire brushes, 1 iron rammer, 1 spirit level, 900 feet of rope, 1 grind stone, 6 iron mauls, 4 iron wedges, 2 block and fall, 11 mole traps, 6 rollers (hand), 3 road brushes, 7 road carts.

TOOL ROOM, EAST SECTION.

Thirty-seven picks, 23 wood rakes, 5 iron rakes, 20 square shovels, 4 iron scoops, 6 round shovels, 4 garden barrows, 1 dirt barrow, 6 mattocks, 16 iron snow shovels, 19 wood snow shovels, 10 gutter hoes, 2 diamond hoes, 4 scythes, 1 bush hook, 2 scuffle hoes, 6 garden spades, 12 corn brooms, 4 water pails, 4 dippers, 200 feet of rope, 2 pulley blocks, 4 leaf baskets, 2 manure forks, 2 potato forks, 100 feet of garden hose, 1 buck-saw, 1 pruning saw, 2 pairs of sheep shears, 1 hammer, 1 grindstone, 1 ax, 1 mason's hammer, 2 crowbars, 6 lawn rakes, 3 lanterns, 1 pruning shears and pole, 1 boat hook, 2 pairs of rubber boots, 3 road brooms, 1 wire broom, 2 stepladders, 6 hay rakes, 6 wood hay forks, 2 sprinkling cans, 2 ladders, 2 oilskin coats, 6 pick handles, 2 straight edges, 7 push carts, 1,400 settees in Prospect Park.

TOOLS AT LAKE HOUSE.

Fifty mats, 1 leather duster, 2 coal hods, 100 feet of rubber hose.

TOOLS AT FLOWER GARDEN.

Three garden spades, 3 grub hoes, 1 pick, 3 square shovels, 3 spading forks, 1 manure fork, 1 pruning shears, 1 lopping shears, 2 hay forks, 1 ax, 4 scuffle hoes, 1 iron rake, 1 wood rake, 2 pairs of gardener's gloves, 1 pair of sheep shears, 1



BUST OF MOORE, PROSPECT PARK.

grass hook, 2 squirt cans, 2 hand weeders, 2 water cans, 1 water pail, 1 garden hose reel, 500 feet of rubber hose, 6 lawn sprinklers.

TOOLS AT GREENHOUSE.

Two grub hoes, 6 square shovels, 2 draw hoes, 1 scoop shovel, 6 spades, 3 picks, 3 manure forks, 4 wood rakes, 3 spading forks, 3 iron rakes, 1 steel crowbar, 1 sledge hammer, 6 water pails, 1 push cart, 2 ladders, 2 barrows, 3 box barrows, 1 water barrow, 10 sprinkling cans, 1 pruning saw, 6 garden trowels, 1 iron wheelbarrow, 1 grass hook, 12 thermometers, 2 brass garden syringes, 1 rubber plant sprinkler, 6 garden sieves, 700 feet of rubber hose, 6 pairs of rubber boots, 1 hedge shears,

1 pole shears, 10 feet; 1 block and fall, 100 feet of rope, 2 pairs of pruning shears, 2 hand plant trucks, 1 garden hand weeder, 3 pairs of sheep shears, 2 pruning knives, 1 brass hose nozzle, 1 stepladder, 1 sand screen, 75 iron plant stands, 2 ash pails, 2 hand lamps, 2 hand lanterns, 2 station lamps, 2 hammers.

TOOLS AT BREEZE HILL.

Two garden forks, 2 garden rakes, 2 hay forks, 1 grass hook, 1 snow shovel, 1 wood rake, 3 garden spades, 2 draw hoes, 1 scuffle hoe, 2 garden trowels, 2 manure forks, 3 hand weeders, 1 crowbar, 2 sprinkling cans, 100 feet of rubber hose.

TOOLS AT ROSE GARDEN.

One mowing machine, 1 box wheelbarrow, 1 garden spade, 1 square shovel, 1 pitchfork, 2 iron rakes, 1 wood rake, 2 scuffle hoes, 1 ax, 1 thermometer, 1 pail, 2 garden trowels, 50 feet of rubber hose.

TOOLS AT NURSERY, FOREST PARK.

Six spades, 6 square shovels, 7 round shovels, 6 mattocks, 6 picks, 6 iron rakes, 5 wood rakes, 4 manure forks, 2 garden forks, 5 axes, 2 hoes, 5 pruning saws, 1 cross-cut saw, 2 bull-nose shears, 1 hedge shears, 1 scythe, 2 crow bars, 1 sledge hammer, 1 ladder, 4 pole shears, 1 plow, 1 harrow, 2 wheelbarrows, 1 block and fall, 100 feet of rope.

TOOLS AT PROSPECT PARK NURSERY.

Thirty-three picks, 18 square shovels, 23 round shovels, 2 mattocks, 17 manure forks, 4 axes, 26 iron rakes, 12 spades, 12 pruning saws, 6 garden forks, 5 wood rakes, 9 garden hoes, 11 pole shears, 6 bull-nose shears, 1 hedge shears, 1 cross-cut saw, 5 grass hooks, 2 stone chains, 1 syringe, 5 water pails, 10 wheelbarrows, 3 crowbars, 1 oil can.

TOOLS AT CARPENTER SHOP.

One stove, 1 desk, 1 closet, 1 mortise machine, 1 jig saw, 2 boring machines, 4 augers, 18 clamps, 14 sledges, 1 ax, 1 spade, 1 long-handled shovel, 8 crow bars, 2 life-saving ladders, 1 sled for lake, 83 picnic tables, 137 benches for picnic tables, 20 reviewing stands, 10 flag poles, 100 hand lawn mowers.

TOOLS AT BLACKSMITH SHOP, PROSPECT PARK.

Two bellows, 2 anvils, 1 set of blacksmith's tools, 1 set of horseshoer's tools, 1 vise, 1 horseshoer's vise, 2 drilling machines, 1 pipe vise, 1 set of taps and dies, 2 pipe cutters, 1 set of pipe dies, 1 punching machine, 1 tin bender, 1 sheet iron bender, 1 tin shrinker, 1 cutting shears, 1 holder for taps, 1 set of drills, 1 swage block, 3 sledges, 1 vise hammer, 1 set of rail benders, 1 set of springs for truck.

MASONS' TOOLS.

One Belgian block rammer, 1 paving hammer, 1 stone hammer, 2 crowbars, 2 shovels, 2 pickaxes, 2 brushes, 1 trowel, 3 pails.

PAINTERS' TOOLS.

Six diamond brushes, 6 sash tools, 6 fitches, 1 varnish brush, 1 paint burner, 3 tanks for holding oil, 2 benches, 1 closet for colors and small tools, 1 stove, 1 broom.

TOOLS AT WHEELWRIGHT SHOP.

Four work benches, 2 bench vises, 1 mortising machine, 6 sets of clamps, 6 sets of hubs, 3 tool closets, 2 saw benches, 6 sets of spokes, 1 wheel bench, 6 sets of wheel rims.

TOOLS AT PLUMBING SHOP.

Two pipe machines, 4 Stilson wrenches, 3 pipe cutters, 1 monkey wrench, 3 sets of stock and dies, 3 shovels, 3 picks, 3 crowbars, 4 edging tools, 2 pairs of swipes, 1 pair

shears, 1 set of steel stakes, 2 vises, 12 stopcock keys, 3 turning machines, 1 stool, 2 work benches, 1 desk.

TOOLS AT WASHINGTON PARK.

Eight square shovels, 4 spades, 4 pitchforks, 3 axes, 1 hammer, 1 crowbar, 6 pickaxes, 10 snow shovels, 3 pole shears, 2 bull-nose shears, 1 hand shears, 4 scythes, 2 grass hooks, 3 pruning saws, 1 buck-saw, 1 scuffle hoe, 300 feet of rubber hose, 1 hand mower, 1 mason trowel, 6 files, 3 mattocks, 5 pails, 4 sprinkling cans, 1 leaf basket, 7 wood rakes, 2 iron rakes, 1 monkey wrench, 1 basin scoop, 5 wire brushes, 1 sod cutter, 8 iron scoops, 1 lawn sprinkler, 1 hoe, 3 garden barrows, 1 water barrel, 1 coal hod, 2 pairs of sheep shears, 3 bags of salt, 1 barrel of lime, 1 barrel of flour, 2 oilskin suits, 2 lanterns, 3 oil cans, 345 settees.

TOOLS AT RIDGEWOOD PARK.

Three ladders, 5 saws, 1 stoneboat, 3 stone hammers, 4 scythes, 10 rakes, 4 forks, 2 bush hooks, 30 picks, 1 spirit level, 2 monkey wrenches, 4 sets of whiffletrees, 1 grindstone, 15 barrows, 1 tapeline, 5 chisels, 4 chairs, 14 axes, 63 shovels, 4 crowbars, 9 grub axes, 6 brooms, 3 plows, 9 spades, 3 hoes, 1 water tub, 2 drilling hammers, 5 scoops, 1 harrow, 8 drills, 2 sod-cutters, 1 longhandle shovel, 3 wheel scoops.

TOOLS AT BEDFORD PARK.

Four hundred and fifty feet of rubber hose, 54 settees, 1 sledge hammer, 2 iron rakes, 2 wood rakes, 2 hoes, 2 axes, 2 spades, 2 scoops, 4 iron shovels, 1 pitchfork, 1 crowbar, 1 pickax, 2 ladders, 4 pairs of shears, 1 bush hook, 1 pole shears, 1 border-cutter, 1 weed-knife, 2 sickles, 2 wire brushes, 3 nozzles, 2 sacks of salt.

TOOLS AT CITY PARK.

Two iron rakes, 3 brooms, 1 scythe, 4 wood rakes, 300 feet of hose, 4 grub axes, 2 sickles, 2 picks, 1 pruning shears, 3 spades, 7 snow shovels, 2 wheelbarrows, 2 oil cans, 1 pair of sheep shears, 5 iron shovels, 3 forks, 1 scuffle hoe, 2 water pails, 120 settees, 3 handsaws, 2 axes.

TOOLS AT CARROLL PARK.

One hundred and twenty-four settees, 1 American flag, 2 garden sprinklers, 50 feet of rubber hose, 2 iron rakes, 3 wooden rakes, 3 brooms, 1 pair of pliers, 1 monkey wrench, 2 pairs of shears, 2 forks, 2 sickles, 1 barrow, 1 leaf basket, 2 iron shovels, 4 snow shovels, 1 pail, 1 hammer, 2 trowels, 1 ax, 2 ladders, 1 hoe, 1 saw, 1 scythe, 1 garden sprinkler, 1 pruning knife, 1 tool box.

TOOLS AT TOMPKINS PARK.

One hundred and twelve settees, 3 wood snow-shovels, 3 sprinkling cans, 3 lawn sprinklers, 3 manure forks, 4 pickaxes, 3 wire brushes, 1 scoop, 2 wheelbarrows, 1 leaf basket, 2 coal shovels, 7 spades, 5 square shovels, 4 sickles, 3 iron rakes, 1 pruning knife, 1 long pruning knife, 2 pruning shears, 3 axes, 1 saw, 3 wood rakes, 1 cross-cut saw, 3 scuffle hoes, 1 grass trimmer, 3 iron snow shovels, 380 feet of rubber hose, 3 brooms, 1 crowbar, 1 monkey wrench, 3 tin pails, 2 stoves, 2 ladders.

TOOLS AT GORE PARKS.

The tools at City Hall, Underhill, Cumberland and Municipal Parks are 200 feet of hose, 17 wood snow shovels, 6 scoops, 2 wood rakes, 2 lawn mowers, 1 wheelbarrow, 6 iron snow-shovels, 3 square shovels, 2 pairs of sheep shears, 2 grass hooks, 1 pruning shears, 1 pruning knife, 2 pairs of rubber boots, 2 hand snow scrapers, 20 settees.

TOOLS AT WINTHROP PARK.

Eighty-five settees, 500 feet of rubber hose, 1 American flag, 1 ladder, 1 scoop, 2 pails, 2 axes, 2 wheelbarrows, 2 sprinkling cans, 3 padlocks, 1 screw driver, 2 crowbars, 1 scythe, 1 ball nozzle, 4 reducers, 2 pitchforks, 1 maul, 3 snow-shovels, 1 step-ladder, 1 leaf basket, 3 lanterns, 3 lamps, 1 ax, 8 oil cans, 3 S wrenches, 1 broom, 4 sickles, 1 pruning saw, 2 picks, 2 scuffle hoes, 2 spades, 5 shovels, 1 hoe, 1 edge cutter, 1 edge shears, 3 iron rakes, 3 brooms, 1 saw.

TOOLS AT IRVING SQUARE.

Two wheelbarrows, 2 square shovels, 3 spades, 3 snow shovels, 2 pickaxes, 1 grub ax, 2 crowbars, 1 border cutter, 1 hoe, 1 scoop, 3 iron rakes, 3 wood rakes, 1 ax, 1 hammer, 1 saw, 1 monkey wrench, 1 spirit level, 1 straight edge, 2 grass shears, 1 pruning shears, 1 sickle, 150 feet of rubber hose, 2 lawn sprinklers, 1 file, 2 sprinkling cans, 1 broom, 2 lanterns, 1 lamp, 200 feet of marline, 4 padlocks, 1 stove, 20 settees.

TOOLS AT BUSHWICK PARK.

Twenty-six settees, 2 basin scoops, 9 square shovels, 4 snow shovels, 2 picks, 3 forks, 6 iron rakes, 4 wood rakes, 2 scythes, 2 sickles, 2 crowbars, 2 hammers, 2 wheelbarrows, 3 lanterns, 4 hoes, 1 ax.

TOOLS AT LINCOLN TERRACE.

Four square shovels, 2 pails, 2 crowbars, 3 scythes, 3 iron rakes, 1 snow shovel, 1 sheep shears, 4 round shovels, 2 wood rakes, 4 spades, 5 lanterns, 2 sickles, 3 sprinklers, 3 pitchforks, 2 crowbars, 1 ax, 4 picks, 4 wheelbarrows, 150 feet of rubber hose.

TOOLS AT SARATOGA SQUARE.

Two crowbars, 3 brooms, 3 spades, 2 pails, 1 sod cutter, 6 iron shovels, 4 wood shovels, 3 iron rakes, 6 wood rakes, 150 feet of rubber hose, 1 scoop, 2 sprinklers, 1 ax, 1 hammer, 1 chain, 2 wheelbarrows, 3 hoes, 1 wrench, 3 forks, 20 settees.

TOOLS AT COOPER PARK.

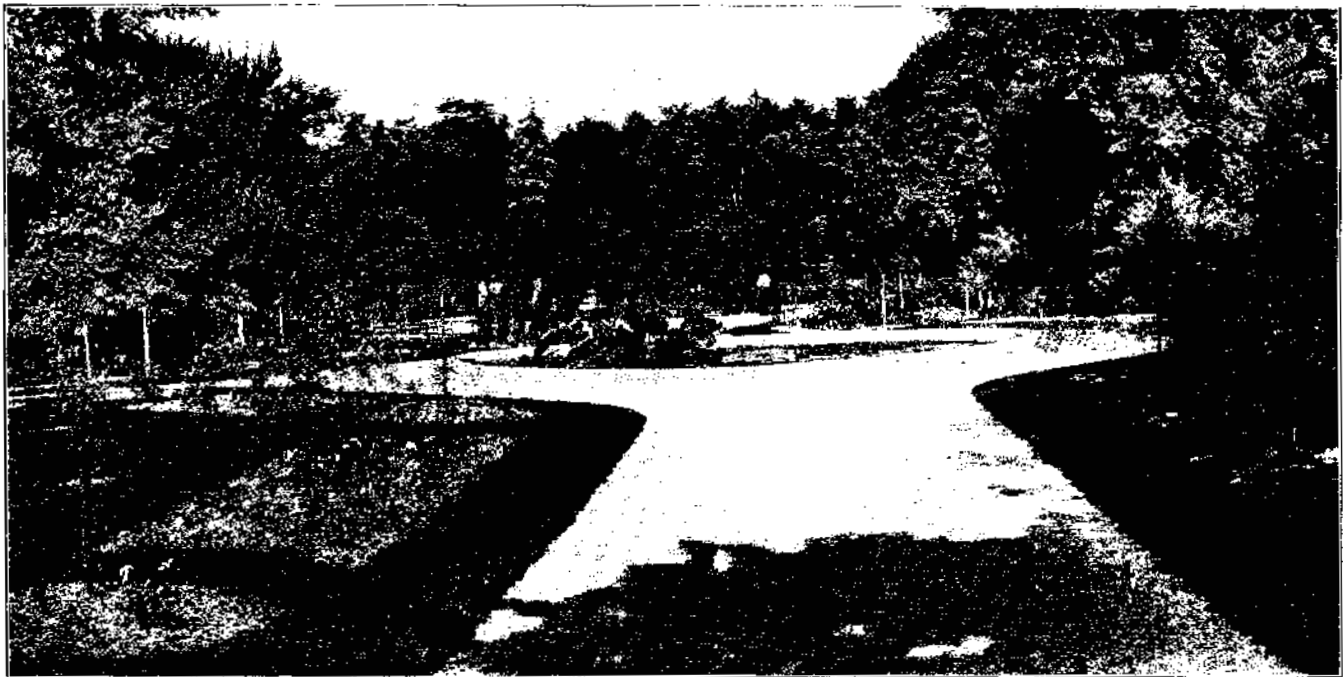
Two iron rakes, 3 round shovels, 3 spades, 6 square shovels, 4 hoes, 3 wood rakes, 2 forks, 1 pickax, 1 grub ax, 2 adzes, 2 scythes, 2 sickles, 2 sprinklers, 200 feet of rubber hose, 1 crowbar, 1 ax, 1 hammer, 3 snow shovels, 1 draw-knife, 1 rasp, 1 tape line, 2 lamps, 1 pan, 1 stove, 1 roller, 1 scraper, 2 hoes, 2 wheelbarrows.

TOOLS AT DYKER BEACH.

Six settees, 1 stove, 1 broom, 1 lamp, 1 mat, 1 grind stone, 1 screwdriver, 1 chisel, 2 planes, 2 hammers, 3 saws, 4 iron rakes, 5 wood rakes, 100 shovels, 36 wheelbarrows, 1 ax, 5 crowbars, 1 sledge hammer, 36 picks, 6 mattocks, 2 lanterns, 4 globes, 1 boat hook, 12 pails, 1 tape line, 100 feet of chain, 6 padlocks, 2 scoops, 2 wrenches, 1 furnace, 2 hoes, 4 scythes, 15 feet of rubber hose, 4 hatchets, 3 whiffletrees, 6 ploy shears, 1 keg of nails, 1 spade, 1 barrel of cement, 2 tool boxes, 2 chains, 1 carpenter's square, 1 spirit level, 5 snow shovels, 1 leaf basket, 1 pitchfork, 1 coil of marline, 1 file, 1 dust pan.

FOREST PARK.

Two forge shovels, 2 pokers, 55 wheelbarrows, 1 gallon measure, 1 blacksmith forge and bellows, 1 harrow, 2 plows, 4 lanterns, 4 bags of grass seed, 2 wagon poles, 1 hoe, 2 ladders, 2 stone drags, 8 counting boards, 1 chairs, 4 rolls of Park plans, 4 measuring stakes, 4 iron stakes, 8 pitchforks, 4 rolls of blasting fuse, 1 long bar of steel, 1 washstand, basin and pitcher, 1 broadax, 2 bucks and 2 saws, 1 pail, dustpan and brush, 1 iron saw, 1 large blacksmith sledge, 3 stone hammers, 11 drills, 1 tamper, 1 cleaner, 3 drill hammers, 55 mattocks, 35 picks, 47 pickaxes, 1 brush hook, 6 scythes complete, 15 crowbars, 2 block and falls, 1 single block, 1 coil of rope, 4 neck yokes, 1 square, 4 hand saws, 1 crosscut saw, 3 planes, 1 drawing knife, 1 pair of dogs, 1 set of horseshoe tools, 10 packages of screws, 2 brace and bits, 1 Park stamp, 5 wood chisels, 2 screwdrivers, 3 files, 2 sickles, 1 mallet, 2 grinding stones, 31 pick handles, 1 wood pail, 16 dippers, 1 hod, 14 axes, 1 water cooler, 1 small jack, 1 drawing board, 1 pinch bar, 3 wrenches, 1 keg of nails, 1 compass, 100 feet of hose, 4 padlocks, 2 hammers, 2 iron rakes, 1 table, 1 stable broom, 3 grass mowers, 2 surveyor's iron rods, 3 new shovel handles, 1 iron trough, 48 square shovels, 151 round shovels, 4 blacksmith's hammers, 29 whiffletrees, clevises and bolts, 7 blacksmith tongs, 4 pinners, 1 windlass, 1 blacksmith vise, 1 large



THE ROSE GARDEN, PROSPECT PARK.

drill, 2 stamping irons, 11 wheelbarrow handles, 3 auger handles, 134 pick handles, 2 large chains, 6 files, 6 bars of solder, 3 saw blades for cutting steel, 1 anvil, 1 drill, 3 plows and harrows.

TOOLS AT EAST SIDE LANDS.

Seventy shovels, 50 picks, 105 wheelbarrows, 30 pick handles, 3 chairs, 10 iron rakes, 1 pair whiffletrees, 5 crowbars, 50 feet of rubber hose, 1 sledge, 1 chisel, 1 wrench.

TOOLS AT PARADE GROUND.

Three shovels, 2 spades, 2 iron rakes, 2 wood rakes, 1 pick, 2 wheelbarrows.

TOOLS ON OCEAN PARKWAY.

Thirty picks, 16 shovels, 5 spades, 7 road brooms, 3 manure forks, 5 garden forks, 5 crowbars, 4 scythes, 3 pruning shears, 7 hoes, 2 malls, 1 sledge hammer, 2 axes, 1 scoop, 8 wood rakes, 3 garden rakes, 1 wagon jack, 4 wheelbarrows, 1 scoop shovel, 3 tool boxes, 1 pair rubber boots.

TOOLS ON EASTERN PARKWAY.

Nine shovels, 2 spades, 2 forks, 3 iron rakes, 2 wood rakes, 6 picks, 2 mattocks, 8 hoes, 4 road brooms, 3 pails, 2 scythes, 2 pruning shears, 1 pruning saw, 2 ladders, 150 rubber hose, 1 wagon jack, 2 road handcars, 2 wheelbarrows, 2 grasscutters.

In concluding my report, I desire to pay a tribute of respect to my predecessor, Mr. William A. Booth, who, after a lingering illness, died on July 31, 1897. I feel that this cannot be better done than it has been by you in the minute entered upon the books of the Department by your direction, which says: "He was an honest, upright official, a man of sterling worth and integrity, and a sincere friend. His death is felt to be a personal bereavement by every one with whom he was officially associated during his connection with the Department, covering a period of nearly four years."

Respectfully submitted,

R. T. FLYNN, *Property Clerk.*

MECHANICAL DEPARTMENT.

REPORT OF THE WORK ACCOMPLISHED BY SKILLED EMPLOYEES
DURING THE YEAR 1897.

BROOKLYN, December 31, 1897.

HON. J. G. DETTMER,

Commissioner of the Department of Parks.

SIR.—I have the honor to submit the following report of the work performed in the Mechanical Department during the year just ended:

AT THE GREENHOUSES.

The greenhouses in Prospect Park were altered and repaired by the carpenters. Side stands 120 feet long, for which 480 feet of pine lumber were used, were constructed, and new hot beds were constructed south of the greenhouses, for which were used 66 two-inch spruce planks, 9 inches wide and 13 feet long, and 56 grooved pine strips, 2 inches thick and 3½ inches wide. Fifty-two hot-house sashes, each 3 by 6 feet, were repaired. Two half-circle stands, with lattice work panels, were set up complete; and also one large tool box, with canvas roof.

The old storage sheds were taken down and replaced by new ones with sliding doors, sashes and bins complete, for which were used 153 two-inch spruce planks, 9 inches by 13 feet, 28 three by nine-inch beams, 20 twenty-two-foot joists, 65 wide ceiling boards, 48 furring strips and 2,400 cypress shingles.

The plant boxes were repaired and twelve new plant stands constructed.

The ends of the greenhouses were ceiled up, using 70 wide pine ceiling boards; a new wooden floor was laid in the vestibule at the greenhouse entrance, for which 8 four by six-foot beams, 10 feet long, and 140 feet of pine lumber were used; and arbors were erected over the doorways.

AT THE LAKE HOUSE.

The Lake House was repaired, thirty new beams were put up, new shelves and counters built, and the entire platform was covered with hemlock boards, four thousand lineal feet being used. The partitions were all taken down and stored for the summer, as well as the stoves, counters, etc. One thousand feet of boat runways were constructed, and also a floating boat platform. The doors and sashes were kept in repair and new cloth panels were put in screens. In all about two thousand feet of lumber were used.

THE GARDEN SHELTER.

At the Flower Garden Shelter two dumb-waiters were put in, new roofs made, partitions of ceiling boards put in the cellar, sashes and doors ceiled up, the end of the counter was cut off and reset, the butler's sink fitted up with rows of partitioned shelves, the wine room fitted up and inclosed, the back stoops repaired, the tool house at the end of the sheds repaired, a new shingle roof put on both horse sheds, and sashes were hung on pivots and partitions made in ladies' toilet. For the above work 480 feet of pine shelving, 60 wide ceiling boards, 30 narrow flooring boards, 1,600 cypress shingles, 40 joists, 1 panel door, 1 sliding sash, nails, locks and other hardware were used.

THE FARM HOUSE.

The Farm House was repaired, new sashes put in and the doors fitted up with electric bells. Three large cages for animals were built near the barn, a new platform built in the bears' cage and the buffalo yard newly fenced in. A new pheasant house, with four compartments and four side coops, all with doors complete, was constructed, and the entire north end of the deer paddock was rebuilt, three sets of gates erected and the fence repaired. A new octagonal rustic shelter, with shingle roof, and containing seats and tables, was constructed. For

the above work 20 ceiling boards, 700 feet of spruce, 25 four by four chestnut posts, 359 feet of pine lumber, 80 yellow pine posts, 42 braces, 3,000 cypress shingles, 8 large cedar posts, 16 cross-ties and plates, and 160 cedar trees were used.

THE PICNIC SHELTER.

The repairs at the Picnic Shelter consisted of new sashes, doors and seats in closets. Seventy new picnic tables were made, with 140 trusses for same. At the close of the picnic season the tables were gathered up and stored under the piazza of the Picnic House. The material used consisted of 210 ten-inch shelving boards, 30 joists, 140 spruce strips, 1¼ inches thick, 3½ inches wide and 13 feet long.

AT THE MANSION.

At the Department offices in The Mansion the sash door in the Superintendent's office was repaired, a book-case built in the Secretary's room, the sash and sliding doors in the police room, a foot rest repaired, the police cells in the basement were taken down, the desk in the Paymaster's office was made, brackets for map in Commissioner's room, platform on piazza and frame for sun-printing apparatus in Engineer's room were put up, a Yale lock put on the door of the flag room, and the storm sheds and awnings were put up and taken down. The material used consisted of 2 sash doors, 100 feet of white pine, 520 feet of yellow pine, 40 joists and 1 Yale lock.

GENERAL REPAIRS.

The stalls in the stable were repaired and relined, and a new floor was laid in part of the main aisle. The summer doors were put up and taken down, a new pigeon coop made, and, also, new additions to the wagon sheds. There were used for the above work 1,432 feet of yellow pine, 138 wide ceiling boards, 8,000 feet of spruce timber, 9,000 cypress shingles, 280 furring

strips, 4 sliding sashes and 2 large sliding doors, all with hardware and nails complete, 80 two-inch spruce planks and 540 feet of pine lumber.

In the time office and the mounted policemen's room in the stable building new floors were put down, new closets built and the lockers repaired, as were also the doors, sashes, etc. There were used 28 wide ceiling boards, 6 joists, 12 lengths of yellow pine flooring, and 200 feet of pine lumber.

A new platform dock was built at the Well House, with gate, runway and railing, for which were used 1,060 feet of spruce planks, 400 feet of spruce timber, 120 feet of pine and 30 spruce posts.

A NEW NURSERY BUILDING.

At the Nursery a one-story frame building, with shingle roof, was constructed. For this were used 81 wide novelty siding boards, 140 joists, 864 feet of spruce planking, 400 feet of spruce timber, 45 hemlock boards, 45 wide ceiling boards, 5 pairs of sashes, 3 panel doors, 28 six-foot chestnut posts, 3,400 cypress shingles, 160 feet of moulding, 274 feet of pine lumber, 72 narrow pine flooring boards—4 inch, and 78 yards of building paper.

One hundred and fifty-six feet of hot-beds were also built, using 60 two-inch spruce planks, 40 strips of pine, 2 inches thick and 4 inches wide; 48 sashes, 3 by 6 feet, and 3 sashes 4 by 6 feet each.

The lily ponds in the Rose Garden were covered with boards for the winter, new covers 3 feet 3 inches high were made for fifteen stopcock boxes, and a new lock was put in the boiler house. There were used 620 pine boards, 60 joists and 1 rim lock.

At the Willink Entrance Shelter the doors, water closet seats and sashes were repaired, and a new closet and coal box were constructed, for which were used 15 wide ceiling boards, 4 joists, 180 feet of pine lumber, 2 hanks of sash cord, 3 locks and 4 catches.

The lawn tennis lockers at the Carrousel were repaired and furnished, using 2 wide ceiling boards, 8 pairs of hinges and 3 locks.

The picket fences were kept in repair and new gates made in the same, using 295 posts, 1,650 pickets, 1,060 braces, 315 ribbon strips, 1,300 feet of pine and 1,060 stakes. Six gutter brows (four on Eastern Parkway, one at Parade Ground, and one at the entrance to Rose Garden entrance) were made, for which were used 18 two-inch spruce planks, 9 inches wide and 13 feet long.

A guard-rail with gate was built at the electric fountain, and the pit floored over and two short flight of stairs built to same. The exposed pipes were covered in for the winter, and 300 oak stakes were furnished and set up as a guard during exhibitions. There were used 1,900 feet of spruce timber, 400 feet of pine, 100 joists, and 10 two by four-inch yellow pine strips.

The shelter on the long meadow was repaired, new seats made and new legs and ends put on the old seats.

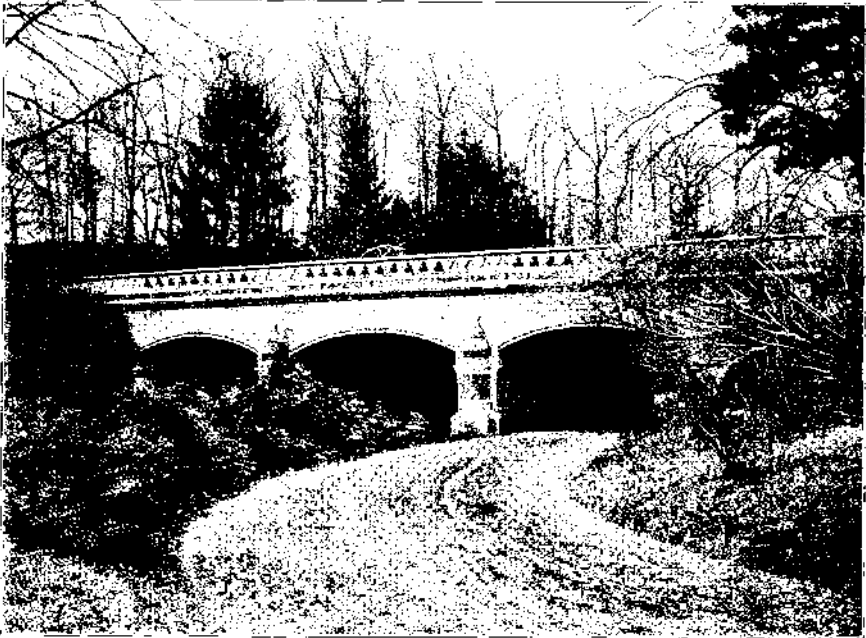
The shepherd's house on the peninsula was repaired and new doors and sashes put in, using 28 wide ceiling boards.

PREPARING FOR ANNIVERSARY DAY.

Seats were built for the Sunday-school parade on Anniversary Day, making a seating capacity for twenty thousand people, for which were used 2,700 pine boards, 16,200 stakes and 8 kegs of nails. A reviewing stand was also built, with a projection in the center, and six flights of steps with railings to same, using 560 boards, 200 split joists and 117 four by six timbers. Five thousand feet of wire fence were put around the meadow, using 5,000 feet of wire fencing, and 400 four-foot stakes; thirty signs for the different schools were made and set up where designated. Two hundred and fifty line flags furnished and placed in position, and the necessary pails and dippers for the distribution of water were furnished. After the parade the stands and seats were taken down and stored in the storage sheds.

OTHER PUBLIC EVENTS.

On the Sunday before Decoration Day a balustrade was erected at the Prison Martyrs' Tomb at Fort Greene Park, which was decorated with flags and bunting, and at the Lincoln Monument a stand was also erected for use of the speakers on the same day. It had a canopy top and was decorated with



NETHERMEAD ARCHES, PROSPECT PARK.

flags and bunting. The materials used consisted of 135 pine boards, 30 four by six timbers, 50 two-foot by two-inch joists, 1 flight of steps and 20 two by five-inch 16-foot braces.

A stand was erected on the Plaza for use on Decoration Day and decorated with flags, and four flights of steps to the same were constructed. There were used 245 pine boards, 63 four by six 16-foot timbers, and 16 two by five-inch braces.

On the occasion of the review of the Baptist Boys' Brigade at the Parade Ground a platform was erected, for which were used 70 pine boards, 18 timbers and 8 braces. The stand was decorated with flags.

On the Eastern District Anniversary Day a stand was erected at the corner of Lorimer and Leonard streets, which was furnished with a canopy top and decorated with flags. The material used consisted of 70 pine boards, 18 timbers, 10 braces, 30 split joists, 50 yards of cheese cloth, flags and flag poles.

At Tompkins Park a music stand with canopy top was built and decorated for each concert. There were used 70 boards, 18 timbers, 10 braces, 1 flight of steps and 45 yards of muslin.

A reviewing stand for the bicycle parade was erected at the corner of Pennsylvania and Glenmore avenues, for which were used 70 boards, 18 timbers, 30 split joists and 10 braces.

A music stand, with sounding-board, was erected on Music Island, and decorated with flags and bunting for each concert. For this were used 220 pine boards, 27 four by six-inch 16-foot spruce timbers, 40 two by six-inch 16-foot timbers, 200 feet $\frac{1}{2}$ -inch-pine ceiling boards, 90 feet of moulding, 1 flight of stairs, and 2 flag poles.

A reviewing stand was built and decorated for the use of the Greenpoint Board of Trade, for which were used 115 boards, 18 four by six-inch 16-foot timbers, 4 braces, 1 flight of steps, 40 split joists and 1 flag pole.

A reviewing stand, 16 by 78 feet, was built for the Williamsburgh Wheelmen, on Leonard street, north of Grand street. The stand was decorated with flags and furnished with reflecting lamps. There were used 150 pine boards, 36 spruce timbers, 40 split joists, 2 flights of steps and 2 flag poles.

A reviewing stand for the parade of the League of American Wheelmen, on the occasion of the opening of the Eastern Parkway extension, was erected at the intersection of Eastern Parkway and the new extension, and decorated with flags, etc.

For this were used 620 pine boards, 153 spruce timbers, 4 by 6 inches by 16 feet, 48 braces, 170 split joists, 5 flights of steps and 4 flag poles.

A speakers' stand for the 'longshoremen was built at Red Hook Park, for which was used 70 boards, 18 spruce timbers, 8 braces and 1 flight of steps.

A speakers' stand was also built on the Plaza at Fort Greene Park, 16 by 16 feet, for which were used 40 boards, 10 spruce timbers, 4 by 6 inches by 16 feet; 4 braces and 1 flight of steps.

After the various parades, etc., were over, the stands were carefully taken down and removed to the storage sheds in Prospect Park.

The buildings at the Parade Ground were repaired, and new stairs, stoops, sashes, doors and water closets put in, using 800 feet of pine lumber, 40 joists and 1 keg of nails. Two basket ball posts were set up on the grounds.

A new tool house was erected in the gravel-pit on Ocean Parkway, 12 by 20 feet, made of old lumber taken from building in the stone-breaker yard, near the Flower Garden Shelter.

WORK IN SMALL PARKS.

At Coney Island Park bicycle racks were built in front of the west shelter, settees set up, signs erected, pipes in restaurant repaired and the men's shelter and walks repaired. The material used consisted of 175 pine boards, 20 joists and 400 feet of spruce planking.

On the bicycle paths benches were made and set up, signs hung, trusses made and planks for barricades furnished. There were used 20 yellow pine strips, 8 chestnut posts and 80 feet of pine lumber.

Carroll Park—New cornices and roofs were made for both shelters in Carroll Park, 115 settees repaired and painted, and the paneled fence repaired. The material used consisted of 750 feet of pine lumber, 60 joists, 450 feet of moulding, 3,000 cypress shingles, nails, wire, etc.

The shelter at Washington Park (Fort Greene), arbors and music stand in this Park were repaired and new seats made for water closets, using 350 feet of pine lumber. Two hundred and fifty settees were made and delivered at the Park.

The shelter in City Park was repaired, and 115 settees were painted and delivered. A Kindergarten platform, 25 by 25 feet, was constructed on beams furnished by the Kindergarten Society. There were also used 675 feet of pine lumber.

Twenty settees were repaired, painted and delivered at Municipal Park.

The shelter at Winthrop Park was repaired, new screens made and the doors and sashes repaired, using 300 feet of lumber. Eighty-four settees were repaired and painted and delivered at the Park. A children's playground of beach sand was made in the Park.

A coal box was made at Irving Square, using 72 feet of pine lumber, 6 yards of canvas, hinges, padlocks, staples and hasps.

Twenty-five settees were repaired, painted and delivered at Bushwick Park.

Twenty settees were repaired, painted and delivered at Bedford Park.

An engine house, with tank set up and inclosed at the bottom with ceiling boards, was constructed at Ridgewood Park, as were also two police sentry boxes and new wooden culverts. The materials used were 68 wide ceiling boards, 72 novelty siding boards, 32 hemlock boards, 65 joists, 624 feet of spruce planking, 3 kegs of nails and 100 carriage bolts.

WORK DONE AT THE SHOPS.

At the Department shops the following work was done during the year:—Fifteen thousand stakes for engineers' use made, 800 settees made and repaired, one 800-gallon sprinkling truck built, switch-board inclosed and two globe boxes built at Memorial Arch, cant board at arch put down, for which 100 feet of pine lumber was used; two basket-ball posts made

and set up in old archery grounds, two truss signs for Willink entrance made, 4 wooden tanks for tree sprinkling carts, 2 circular covers for reservoir manholes, and wooden seed roller made, using 2,100 feet of yellow pine, 11,200 carriage bolts, 1,008 feet of two-inch pine lumber, and 180 feet of $\frac{7}{8}$ -inch pine lumber.

THE WHEELWRIGHTS' DEPARTMENT.

In the Wheelwrights' department the following work was performed during the year:—Fifteen sprinkling truck platforms kept in repair, 31 sprinkling trucks and tanks, 6 dirt wagons, 6 light wagons, 9 trucks, 2 spring trucks, 16 hand carts, 6 disinfecting carts, 40 snow pushers, 15 snow-plows, 3 snow-scrapers, 2 ice planes, 1 greenhouse wagon, 1 run-about wagon, 1 carpenter's wagon, 35 sets of wheels, 19 mowing machine shafts, 150 hand rakes, 75 wheelbarrows, and 56 branch snips repaired, 25 pruning saws filed and kept in repair, and 4 large cross-cut saws filed and repaired each week. There were also made 6 new hand carts, 5 disinfecting carts, 2 new scythes, 2 new snow-plows, 1 new platform wagon for plumbers' use, 4 sets of truck wheels, 16 new poles, 2 sets of leaf racks for new trucks, 6 sets of leaf racks for carts, 1 wheel platform for tiring wheels, 35 sets of whiffletrees, 2 large plant tubs, 3 road scrapers, 6 wooden bases for new fountains, and 36 ax handles and 35 maul handles set.

THE BLACKSMITHS' DEPARTMENT.

In the Blacksmiths' department there were made and set up 965 iron tree boxes, 258 wire tree boxes, 2,600 feet of iron pipe railing around Plaza mounds, and 800 feet of iron pipe railing at Prospect and City parks. One thousand, two hundred and forty-eight horseshoes were put on the Park horses, and the following articles were repaired:—6 dirt carts, 19 trucks, 6 hand carts, 4,500 pickaxes, 31 sprinkling trucks, 5 spraying carts, 2 new snow-plows, 40 snow pushers, 3 platform wagons, 4 sets of wagon and 19 mowing machine shafts, 35 sets of wheels (re-tired), 35 sets of whiffletrees, 100 hand

mowers, 19 single horse mowers, 4 Buckeye mowers, 2 steam and 3 horse rollers, 16 wagon tongues, 6 sets of leaf racks and 2 ice-scrappers ironed off; new side arms for sprinkling trucks were made, and 8 sets of Studebaker pot sprinklers were set on. Two hundred and thirty thousand gallons of spraying liquid were mixed and used.

WORK OF THE PLUMBERS.

The plumbers inspected and superintended the tearing down of the old fountain on the Plaza, and preparing of the same for the new electric fountain on the same site, and, also, the connecting of the high and low pressure water mains with the electric fountain pipes. For this were used 1,050 pounds of 8-inch cast iron fittings, two 8-inch double gate wheel valves and 40 feet of cast iron water main pipe.

A water main was laid through the plaza about the electric fountain, with a branch to the Memorial Arch, for which were used 570 feet of 2-inch galvanized iron pipe, 150 feet of 1-inch galvanized iron pipe, 40 pounds of 2-inch and 1-inch fittings, 5 one-inch wheel garden valves and 1 two-inch gate valve.

One 36-inch silt basin was set, and 162 feet of 6-inch cement sewer pipe were laid.

Three silt basins and 80 feet of cement sewer pipe were laid on Bay Parkway (Twenty-second avenue).

One silt basin was set on the drive near the barn at the Dairy Cottage, using 12 feet of 6-inch cement pipe.

Irrigation pipes were laid from the reservoir point to the East Side Lands, using 700 feet of 2-inch galvanized iron pipe, 300 feet of 1-inch galvanized iron pipe, 1 two-inch gate valve, 7 one-inch wheel garden valves and 25 pounds of fittings.

Irrigation pipes were laid at Lincoln Terrace, using 2,231 feet of 2-inch galvanized iron pipe, and 1,752 feet of galvanized iron pipe, 36 one-inch wheel garden valves, 3 two-inch garden valves and 120 pounds of fittings. Two water meters were set, 888 feet of 9-inch and 72 feet of 6-inch cement sewer pipe laid, and 7 thirty-six-inch silt basins set.

At New Lots Play-ground irrigation pipes were laid, using 810 feet of two-inch and 568 feet of one-inch galvanized pipe, 11 one-inch wheel garden valves and 3 two-inch gate valves and 70 pounds of fittings; 1,065 feet of six-inch cement sewer pipe were laid and 16 thirty-six inch silt basins constructed.

The roof of the Memorial Arch was repaired, using 75 pounds of metallic cement and 5 pounds of wall hooks.

At Carroll Park, 106 feet of tin gutters were laid and 20 feet of 2-inch leaders connected with sewer.

At Prospect Park the following work was done:

On the Dairy Cottage 48 feet of galvanized iron gutters and 15 feet of 4-inch galvanized leaders were placed.

The heating boiler in The Mansion was overhauled and repaired, and a stove put up in the police station.

A new jacket, with asbestos lining, was put on the heating boiler at the Flower Garden Shelter.

The pipes for furnaces at the greenhouses were cleaned and put up, and new pipes laid. The gutters were repaired, and new leaders constructed.

New pipes were made for the Coney Island Shelter, and also for the electric fountain, Willink Entrance Shelter, nursery building, croquet shelter, time office, ladies' building in the Flower Garden and the Farm House. The following materials were used: 1,100 feet of 2-inch galvanized pipe, 900 feet of 1-inch galvanized pipe, 12 three-foot catch basins with 12 iron manholes and covers, 1,500 feet of 6-inch cement pipe, 12 irrigation valves, and 30 pounds of galvanized iron fittings.

At Cooper Park irrigation pipes were laid, using 1,200 feet of 2-inch and 1,400 feet of 1-inch galvanized iron pipe, 36 valves, 40 pounds of lead pipe, and 48 pounds of galvanized iron fittings.

At Bensonhurst Park irrigation pipes were laid, 1 bubble fountain erected, and 1 catch basin laid. The materials used were 875 feet of 2-inch and 900 feet of 1-inch galvanized iron pipe, 2 two-inch brass gate valves, 13 one-inch irrigation

valves, 34 pounds of fittings (for fountain), 100 feet of 4-inch cement waste pipe, and 52 pounds of lead pipe.

Irrigation pipes were also laid at Ridgewood Park, for which were used 800 feet of 2-inch, 850 feet of 1-inch, and 250 feet of 2½-inch pipe, one 2½-inch gate valve, 11 irrigation valves, and 38 pounds of fittings.

At Carroll Park two four-bubble fountains were set and fitted up, and the water closets and urinals repaired. The materials used were 2 barrels of Portland cement, 30 pounds of lead pipe, and 4 stop cocks.

At Saratoga Square two bubble fountains were erected, using 2 barrels of cement, 30 pounds of lead, and 4 stop cocks.

At Irving Square one bubble fountain was set up, using 25 pounds of lead, 1 barrel of cement and 1 stop cock.

At Bushwick Park a bubble fountain was set up, for which were used ½ barrel of cement, 60 feet of ¾-inch galvanized pipe and 1 stop cock.

The plumbing in the building at Bedford Park was repaired, and the old broken fountain in the Park was removed and replaced by a new one.

The old broken fountain in Winthrop Park was removed and a new one put in its place, the water closets were repaired and two new Hopper valves put in.

On the Eastern Parkway a combination drinking fountain was erected at the corner of Buffalo avenue, and the city mains and sewers were tapped for fountains at the corner of Albany avenue. The materials used were 4 stop cocks, 300 pounds of AAA lead pipe, 2 barrels of cement, 2 lengths of 12-inch cement pipe and 70 feet of 6-inch cement pipe.

The fountains and water closets at City Park were repaired.

The surface and post hydrants and drinking fountains on Ocean Parkway were repaired, and twenty-six bursts in the water main repaired.

A drinking fountain was set and fitted up at the corner of

Glenmore and Pennsylvania avenues, using $\frac{1}{2}$ barrel of cement, 2 stop cocks and boxes and 80 feet of $\frac{1}{2}$ -inch galvanized pipe.

The steam and water pipes and water-closets in the buildings at Forest Park were repaired, using 20 feet of $1\frac{1}{2}$ -inch galvanized iron pipe and two $1\frac{1}{2}$ -inch gate valves.

A fountain was set up on the Coney Island Concourse and water conveyed from the city mains to the lower shelter. The materials used were 650 feet of $1\frac{1}{2}$ -inch galvanized iron pipe, one $1\frac{1}{2}$ -inch gate valve, 3 stop cocks, 24 pounds of lead pipe and $\frac{1}{2}$ barrel of cement.

In Prospect Park seven breaks in the water main were repaired, the drinking fountains repaired, the closets at the Willink Entrance Shelter repaired, and eleven new closet bowls put in, the tanks and closets at the lake house repaired, seventeen surface hydrants removed and new ones placed in their stead.

A drinking fountain was set up on the Bicycle Path near the Willink Entrance, using 200 feet of galvanized iron pipe, 1 water meter and 2 stop cocks and boxes. One 3-foot catch basin, with manhole and cover, was also built, using 1,000 bricks and 3 barrels of cement.

At Washington Park the water-closets were repaired, obstructions in sewer pipes removed, the leader pipes repaired and two new water-closet bowls and pans furnished and set.

The closets in the Parade Ground buildings were altered and repaired, a sink fitted up in the keeper's room, 18 by 30 inches, and 2 new rods and levers for field hydrants set. The materials used were one 18 by 30-inch sink, one 2-inch trap, 1 hose bibb and 30 pounds of lead pipe.

The fountain at Underhill Park was repaired, using 1 stop cock and box, 12 feet of 6-inch cement pipe and 14 pounds of lead pipe.

The water and sewer pipes at Zindel Park were repaired.

THE PAINTERS' WORK.

The painters painted, striped, lettered and varnished 31 sprinkling trucks, 32 carts, 6 spraying hand carts, 6 light

wagons, 2 steam rollers, 4 row boats at well house and 1 at Duck Island, and basket ball posts at the old archery grounds and the Parade Ground. They also varnished 144 chairs and 36 tables.

New iron fences at Lincoln Terrace, Cooper Park and Forest Park were painted.

One hundred and fifty signs for the different parks and parkways were painted and lettered.

Repairing, glazing and painting was done at the greenhouses, the nursery hotheds and all the buildings in the system of parks.

The pheasant house, two shelters at Coney Island, the building at the Nursery and the Willink Entrance Shelter were painted, and the new music stand on Music Island.

The rooms in the basement of The Mansion were painted.

There were also painted, 1,400 settees, the time clerk's office at the stable building, the mounted policemen's room, the building and tank at Ridgewood Park, 1,000 tree boxes, 32 snowplows, 3 snowscrapers, 2 ice planers, the buildings in Carroll Park, iron fences at Saratoga and Irving Squares, the water-closets at the Flower Garden Shelter, 20 vases in the Flower Garden, new rustic shelter oiled and the bridge at Dyker Beach painted. The materials used were 1,500 pounds of white lead, 150 pounds of cardinal vermilion, 3 barrels of raw oil, 3 barrels of turpentine, 10 gallons of finishing varnish, 5 gallons of inside varnish, 5 gallons of coach varnish, 4 barrels of prepared paint, 1 gallon of brown Japan, 10 gallons of liquid dryer and 1 barrel of whiting.

THE MASONS' WORK.

The masons laid a concrete floor in the basement of The Mansion and repaired the ceiling on the second floor, using 20 barrels of cement, 5 yards of grit, 5 yards of sand and one pail of plaster.

New gutters were built from the stable building to the West drive, using 4,000 bricks, 4,000 Belgian blocks and 2 barrels of cement.

A brick retaining wall and stone gutter were built back of the storage sheds, using 3,500 bricks, 4,000 Belgian blocks, 3 barrels of lime and 6 barrels of cement.

A concrete floor was laid and a washstand constructed in the new carriage house, and two catch basins connecting with the sewer were laid. A runway, 120 feet in length, was constructed in front of the carriage house, composed of Belgian blocks. The materials used consisted of 12 barrels of cement, 1,800 bricks, 40 feet of cement pipe, 5 yards of sand and 3 yards of grit.

The walls and ceiling at the Farm House, and also at the Flower Garden Shelter, were repaired, and holes for leaders were cut at the workshops.

The cement curb and stone stairway at the Well House were repaired, for which 4 barrels of cement were used.

The gutter and curb at the Third Street Entrance were repaired, and also the stone work at the bear cage.

Two catch basins were built on the Ocean Parkway, at Sherman avenue, and the same connected with the sewer. For these were used 1,800 bricks, 3 barrels of cement, and 40 feet of 8-inch cement pipe.

A catch basin was built at Coney Island avenue and Ocean Parkway, using 900 bricks, 1½ barrels of cement, and 20 feet of 8-inch sewer pipe.

A catch basin was built at Ocean Parkway and East Fourth street, and the same connected with the sewer. For this were used 900 bricks, 1½ barrels of cement, and 40 feet of sewer pipe.

Four catch basins at the Ocean Parkway entrance were repaired, using 150 bricks and 3 barrels of cement.

Two catch basins were built on Bay Parkway, at Seventy-sixth street, and connected with the sewer, for which were used 1,800 bricks, 3 barrels of cement, and 60 feet of 8-inch sewer pipe.

At Forest Park 60 feet of 8-inch sewer pipe were laid, and 2 cement catch basins were constructed, using 100 bricks and

2 barrels of cement. The chimney and brick work of the boiler in the building were repaired.

At Ridgewood Park foundations for water-tank were built, using 600 bricks and 12 barrels of cement.

The fountain at City Hall Park was repaired, for which 2 barrels of cement were used.

The fountains at Underhill and Zindel Parks were repaired, for which 1 barrel of cement was used.

At Lincoln Terrace a brick vault for meter was built, using 800 bricks and 1 barrel of cement.

The floor in the rustic shelter on the East drive was repaired, using 2 barrels of cement.

The walks were repaired and a new catch basin built at the Lake House, and the basin connected with the lake. The material used consisted of 500 bricks, 10 feet of 8-inch cement pipe and 2 barrels of cement.

The walks were repaired and two catch basins built at the new bridge, using 100 bricks and 3 barrels of cement.

Three fountains in the Flower Garden, and also the stone tiling, were repaired, as well as the horse bowl on the East drive.

The cesspool and sewer on Ocean Parkway, near the Manhattan Beach Railroad tunnel, were repaired, for which 10 barrels of cement were used.

Two catch basins were built and connected with the sewer on Ocean Parkway, between the Nassau Railroad tunnel and Avenue B, for which were used 1,800 bricks, 3 barrels of cement, and 80 feet of 8-inch sewer pipe.

At the Farm House the stone stairway was repaired, 800 feet of stone flagging furnished and laid, and the chimneys repaired and cleaned.

A brick vault for water meter was built on Flatbush avenue, near the Willink entrance, for which 800 bricks, 1 barrel of cement and 2 loads of sand were used.

The chimneys and flues at the Flower Garden Shelter were cleaned and repaired.

Two hundred and fifty feet of cobblestone gutters were constructed on the bridle path around the lake.

The brick walk in the Vale of Cashmere was repaired.

The stone bridging on Plaza street and Berkeley place was repaired, for which 30 feet of North River bluestone were used.

The flagging at City Hall Park was relaid.

Stone bicycle runs were made in the gutters on Eastern Parkway.

Three hundred and sixty-five feet of Belgian block gutters and 600 feet of cobblestone paving were laid at the greenhouses, for which were used 2,000 Belgian blocks, 12 loads of cobblestones and 3 barrels of cement.

The manholes on Lookout Hill were repaired and cemented.

The lily basins in the Rose Garden were repaired.

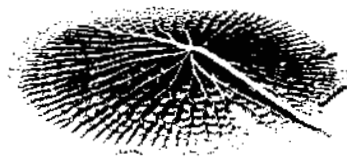
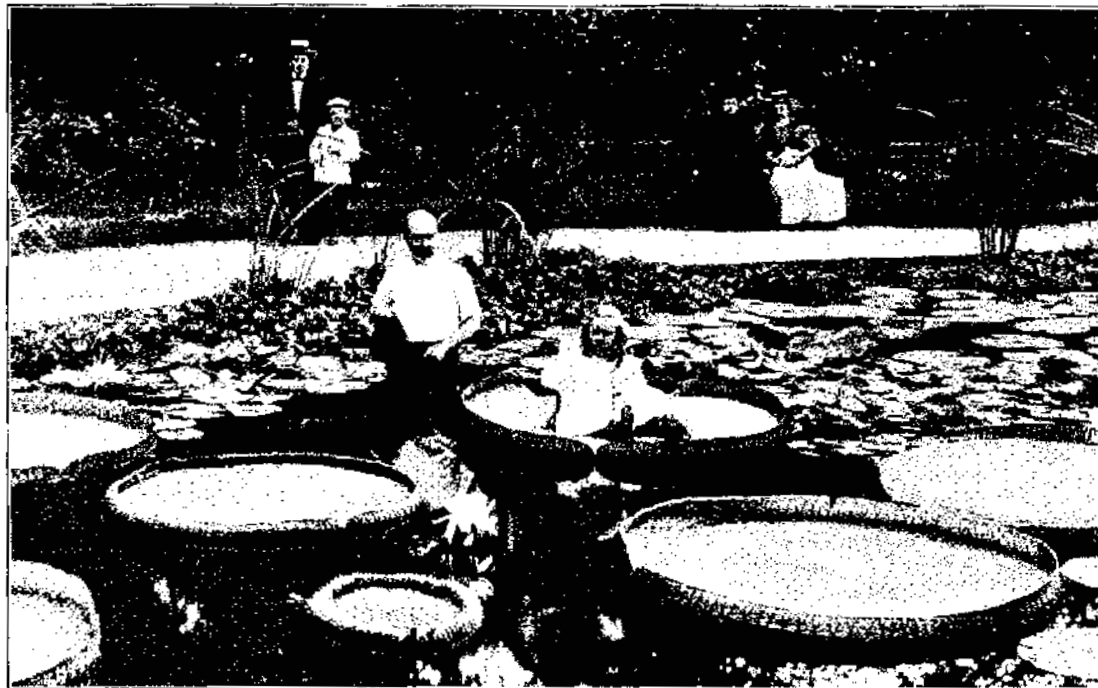
A foundation was built for the Mozart statue, erected in the Flower Garden, for which 18 barrels of cement, 10 cart loads of stone, and 10 loads of sand were used.

Two cement bicycle runs were built on Flatbush avenue, using 8 barrels of cement.

Two hundred feet of brick gutters near gate 3 (Flatbush entrance) were repaired, for which were used 1,000 bricks and 2 barrels of cement.

Respectfully submitted,

CHARLES L. LINCOLN,
Foreman.



THE VICTORIA REGIA, PROSPECT PARK; ALSO SHOWING REVERSE SIDE OF LEAF.

ARTISTIC FLORAL WORK.

MORE THAN TWO HUNDRED AND EIGHTY-FIVE THOUSAND ORNAMENTAL PLANTS SET OUT IN THE PARKS DURING THE SEASON TO INCREASE THE ATTRACTIVENESS OF THE PLEASURE GROUNDS.

DEPARTMENT OF PARKS,
BROOKLYN, December 31, 1897.

Hon. J. G. DETTMER,

Commissioner of the Department of Parks.

STR.—In accordance with the usual custom, I have the honor to hand you my report of the work done in the department of which I have charge—that of caring for the floral ornamentation of the parks.

The year just closed has been one of the most successful in the history of the Park Department. The climatic conditions have been perfect and therefore the work done has resulted in perfect floral development.

During the early part of the year the ornamental flower work was confined to the green-houses, where the workmen cared for the slips which had been cut in the fall and the seedlings started in time for the early spring planting.

The show of flowering plants in the greenhouses attracted thousands of visitors during the winter months. The palms, orchids, gloxinias, azaleas and many rare plants were in perfect condition and afforded great pleasure. The Easter exhibition of lilies, tulips and hyacinths drew immense crowds to the greenhouses.

The color arrangement and the perfection of the flowers won universal commendation.

The first outdoor ornamentation resulting from the planting of bulbs the previous fall, was the appearance of the

snowdrops, crocuses, and daffodils in various parts of Prospect Park. This was an innovation and greatly pleased the visitors.

As these earliest flowers began to disappear, the tulips and hyacinths bloomed. The bulbs were of the finest quality, and the parks in which they were planted were brightened with the most beautiful color pictures imaginable, produced by the rich hues of the blossoms.

These plants were succeeded by 20,000 pansies of every known kind, thus affording a variety of rich coloring unsurpassed.

These were followed by all kinds of flowering foliage and ornamental plants in their season, the number reaching 130,000.

The final autumn display in the greenhouses—a show of chrysanthemums—was a marked success. Many people visited the hot-houses while the flowers remained in bloom.

Some of the details of the work are interesting. The Italian gardens in Prospect Park are always a source of attraction. The stone-work, with its rich carving; the moss-covered fountains, whose silvery waters charm with their musical melody; the ancient English inn, with its quaint glass windows, and the view of the lake spreading far out to the southward, dotted with islands, all make up a picture that remains indelibly impressed upon the mind of the visitor. Here are unsurpassed opportunities for floral decorations. In the early spring came the tulips and hyacinths, followed by pansies. Then followed the blooming of the rhododendrons and roses, succeeded by ornamentation with palms, salvias, calladium, cannas. The beautiful vases were filled with yuccas, geraniums, English ivy, vinca, oxalis, myrtle, petunias, nasturtiums, and other attractive flowers and vines.

The crocuses were placed in a bed along the eastern side of the garden, and these quaint plants, representing nearly every known kind, were a great source of attraction. Along the southern side of the garden, where the tall trees make a

perpetual shade, a rockery was built, five feet wide and about 300 feet in length, in which was planted a large number of ferns. The scheme was successful. All other attempts to keep the place green had failed, but the ferns remained healthy all through the season.

The old-fashioned flower garden was a delightful place to visit. Here, about the quaint rustic shelter, with its straw thatched roof, were planted all manner of old-fashioned plants, including poppies, hollyhocks, broom corn, morning glories, bachelor buttons, marigolds, lady slippers, snap dragon, larkspurs, coxcomb, four o'clocks, dahlias, pinks, catch-fly, peonies, forget-me-nots, flox, verbenas, sweet peas, sweet williams, candy tuft, asters, mignonette, pansies, violets, nasturtium, zinnia, sweet alyssum, sweet ferns, begonias, canterbury bells, foxglove, creepers, gladiolus, lobelia, lantana, lavender and heliotrope.

The Vale of Cashmere was a wonderful picture when the rhododendrons were in bloom, and here the planting simply required some renewals.

In the rose garden—many new rose bushes were set out, and the three lily basins were filled with water plants. All of the lilies bloomed profusely and were very interesting, but the main attraction was the *Victoria Regia*—that wonderful plant of the Amazon, upon the leaf of which, when fully developed, a man may stand. A number of blossoms came to full maturity, and for many nights visitors came to the Park to view the blossoms when they were at their best.

At all of the entrances the floral beds and vases were decorated attractively with flowers, and, as the season advanced, these decorations were changed to produce the most pleasing results.

In all of the small parks and the gore parks the same attention was given the ornamental plants as was paid to them in the large park, and, in addition, the fountains on Bedford avenue were made more attractive by surrounding them with bright flowers.

In the fall, after the plants had been taken up and such of them as were deemed worthy of preservation had been placed in the greenhouses, the bulbs which will produce the ornamentation next spring, numbering 135,000, were planted, making a total of 285,000 plants and bulbs handled in a single season—the largest number on record.

During the summer four of the hothouses were resashed and reglazed, an improvement that was much needed. The greenhouses should be doubled in size, as they are entirely inadequate, the palms having outgrown the houses set apart for their culture, and the room for slip growing and seedlings being entirely too limited for the demands arising out of the increase in the number of parks. At present many of the attractive plants are stored away out of sight. With larger facilities a much more attractive display could be maintained during the winter, and the number of people who visit the greenhouses demonstrates that any improvement in the direction mentioned would meet with public approval.

In concluding my report I wish to express to you my thanks for your generous support and the ready assistance given to any project I have brought before you during the year which in my mind would tend to make the parks more attractive. It has enabled me to accomplish much more than has been attained heretofore, and the praise bestowed upon the work by the people shows how general is the appreciation of a generous policy in the matter of floral ornamentation.

D. C. THOMSON,

Foreman Florist.

WORK OF THE POLICE.

ANNUAL REPORT IN RELATION TO THE POLICE DEPARTMENT—
MUSIC IN THE PARKS—THE NUMBER OF VISITORS—GAMES
PLAYED—OTHER GENERAL INFORMATION.

Hon. J. G. DETTMER,

Commissioner of the Department of Parks.

SIR.—I have the honor to submit herewith my annual report of the work accomplished by the men constituting the police force, together with such other information in relation to games, etc., as is of general interest, and which comes under police supervision.

THE FORCE.

The police force, during the year 1897, consisted of one captain, eight sergeants and 117 patrolmen, distributed as follows:

Prospect Park	1 Captain, 7 Sergeants, 63 Patrolmen
Washington Park.....	1 Sergeant, 6 Patrolmen
City Park.....	2 Patrolmen
Highland Park.....	5 Patrolmen
Carroll Park	3 Patrolmen
Tompkins Park.....	3 Patrolmen
Winthrop Park	3 Patrolmen
Bedford Park	2 Patrolmen
Bushwick Park.....	3 Patrolmen
Saratoga Park.....	2 Patrolmen
Cooper Park.....	1 Patrolman
Irving Park.....	2 Patrolmen
Ocean Parkway.....	6 Patrolmen
Eastern Parkway.....	10 Patrolmen
East Side Lands and Institute.....	5 Patrolmen
Coney Island Concourse.....	1 Patrolman

One patrolman was dismissed for cause, one patrolman was reinstated by the courts and twenty-seven (27) patrolmen were appointed to the force from the eligible list during the year.

DAYS' TIME LOST DURING THE YEAR 1897.

Month.	Sick.	With leave.	Without leave.	Suspended.	Total time lost without pay.	Sick time allowed.	Total time lost
January.....	47	26	.....	14	87	47	134
February.....	52	26	.....	.....	78	53	131
March.....	90	12	.....	.....	102	35	137
April.....	66	19	.....	7	92	24	116
May.....	104	12	.....	26	142	34	176
June.....	66	41	3	25	135	22	157
July.....	83	46	.....	9	138	39	177
August.....	77	80	1	.....	158	35	193
September....	86	73	3	11	173	34	207
October.....	61	334	.....	22	417	66	483
November....	24	17	.....	4	45	100	145
December.....	130	44	1	.....	175	59	234
Total.....	886	730	8	118	1,742	548	2,290

Each patrolman on the force was allowed seven days' vacation, and each sergeant ten days' vacation during the months of July, August, September, October and November, which is not included in the above table.

THE NUMBER OF ARRESTS.

There were 504 arrests during the year in the various parks, as follows: 146 in Prospect Park, 53 in Washington Park, 199 on Ocean Parkway, 49 on Eastern Parkway, 18 in City Park, 1 in Tompkins Park, 5 in Carroll Park, 21 in Coney Island Concourse, 2 in Winthrop Park, 1 in Bushwick Park, 1 in Irving Park, 1 in Saratoga Park and 2 in Highland Park. Of these arrests 83 were for violation of Park ordinances, 78

for intoxication, 230 for reckless cycling (scorching), 26 for disorderly conduct, 4 for assault, 16 for vagrancy, 9 for indecent exposure, 18 for larceny, 11 for malicious mischief, 16 for reckless driving, 1 for cruelty to animals, 1 for sodomy, 1 for soliciting, 1 for attempted suicide, 5 for indecent assault, 3 for suspicious conduct and 1 for criminal neglect.

PARADES IN THE PARK.

The following parades occurred in and about Prospect Park: May 28th, Anniversary Parade of the Brooklyn Sunday School Union; May 30th, Decoration of Lincoln and Warren Statues; May 31st, Memorial Day Parade; Parade of Civic Societies at Unveiling of Mozart Bust, October 23d.

THE FREE CONCERTS.

The following concerts were given in the parks during the summer months: Saturday concerts in Prospect Park, 13. First concert, June 5th; last concert, September 4th. Sunday concerts in Prospect Park, 14. First concert, June 6th; last concert, September 5th. Also one special concert on July 5th. In Washington Park there were 12 Saturday concerts. First concert, June 12th; last concert, August 28th. In City Park there were 5 Sunday concerts. First concert, July 4th; last concert, August 1st. In Tompkins Park there were 4 Saturday and one special concert. First concert, July 5th; last concert, July 31st. In Winthrop Park there were 4 Saturday and one special concert. First concert, July 5th; last concert, July 31st. In Bushwick Park there were 5 Sunday concerts. First concert, July 4th; last concert, August 1st.

SUMMER PICNICS.

During the year there were 425 picnics in Prospect Park, and 200 in Forest Park. Those in Prospect Park represented an attendance of 45,190 persons, as follows: Sunday School picnics, 172; attendance, 36,155. Private school picnics, 11;

attendance, 605. Social picnics, 11; attendance, 420. Private picnics and family parties, 231; 8,010. Whole number of picnics, 425; total attendance, 45,190.

In May there were 105 picnics, representing an attendance of 4,785 persons; in June, 98 picnics, with an attendance of 12,785; in July, 131 picnics, with an attendance of 16,660; in August, 63 picnics, with an attendance of 8,270, and in September, 28 picnics, with an attendance of 2,690 persons. The attendance at picnics in Forest Park represented a higher average than the above figures.

FIELD SPORTS.

There were 1,881 games of baseball played on the Parade Grounds, as follows: In April, 195; in May, 478; in June, 398; in July, 390; in August, 287; in September, 126, and in October, 7.

There were 105 games of cricket, as follows: In May, 24; in June, 38; in July, 25; in August, 27, and in September, 7.

There were 4 games of polo in September.

There were 105 games of football played in October and November.

There were 9 games of basket-ball played in April and September.

There were 3 days' skating during the year.

THE NUMBER WHO ENJOYED PROSPECT PARK.

There were 14,314,199 visitors during the year in Prospect Park. There were 3,342,338 on Sundays and 2,590,235 on concert days. The largest number of visitors in one day was on Sunday, June 13th, when there were 264,632. The number of visitors to other parks is not kept, but it is nearly, if not quite, one-half as many as the number visiting Prospect Park.

The average number of bicycles passing through Prospect Park is about 2,500 per day.

In January there were 57,504 carriages, 4,375 equestrians, 424,276 pedestrians, 29,535 sleighs. In February there were 70,492 carriages, 6,932 equestrians, 459,087 pedestrians, 37,018 sleighs. In March there were 104,453 carriages, 6,221 equestrians, 483,279 pedestrians. In April there were 182,257 carriages, 13,416 equestrians, 896,541 pedestrians. In May there were 197,427 carriages, 11,065 equestrians, 1,276,354 pedestrians. In June there were 319,018 carriages, 14,805 equestrians, 2,195,328 pedestrians. In July there were 204,414



NETHERMEAD ARCHES, PROSPECT PARK.

carriages, 11,788 equestrians, 1,588,996 pedestrians. In August there were 209,313 carriages, 8,822 equestrians, 1,246,851 pedestrians. In September there were 217,052 carriages, 12,419 equestrians, 1,538,748 pedestrians. In October there were 135,778 carriages, 8,885 equestrians, 752,303 pedestrians. In November there were 150,301 carriages, 10,873

equestrians, 731,882 pedestrians. In December there were 120,941 carriages, 7,776 equestrians, 245,048 pedestrians and 73,461 sleighs.

THE LIST OF ACCIDENTS.

The total number of accidents of all kinds during the year was 288, as follows: Miscellaneous accidents to carriages and sleighs, 90; accidents to bicycles, 45; accidents to saddle horses, 9; collisions between carriages and other vehicles, 21; collisions between carriages and bicycles, 32; collisions between bicycles, 51; collisions between trolley cars, trucks and carriages, 11; accidents by falling in Prospect Park, 17; run down and injured by bicycles, 6; run down and injured by saddle horses, 2; injured while playing ball on Parade Ground, 4; number of persons who fell in Lake and were rescued by the police, 7.

There were 25 persons taken sick in Prospect Park and 4 in Washington Park, all of whom were taken to the hospital or to their homes. Twenty-six lost children were restored to their parents and 2 demented persons, found wandering in the Park, were restored to their homes.

There were three suicides by poison, and two suicides by firearms in Prospect Park, and one suicide by firearms in Washington Park. There was also one attempted suicide in Washington Park.

The dead bodies of two abandoned infants were found in Prospect Park and sent to the Morgue.

Twenty-seven runaway horses, with wagons attached, in which life and property were in danger, were caught by the police.

The number of ambulance calls during the year was seventy-one.

Respectfully submitted,

M. A. McNAMARA,

Captain of Police.

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