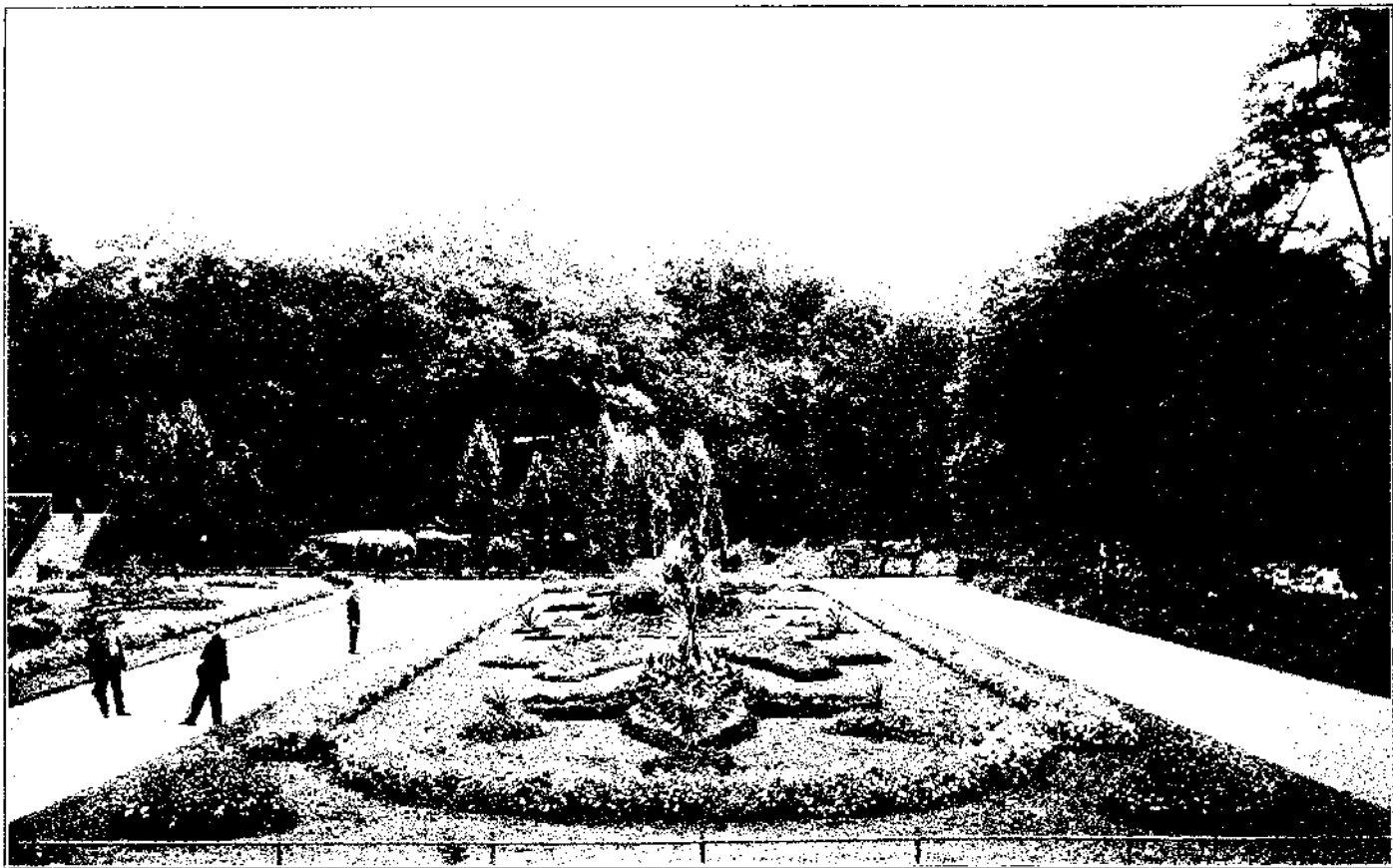


THE CITY OF NEW YORK

DEPARTMENT OF PARKS

Report of the Year 1906



FLOWER-BED, NEAR CONSERVATORY, CENTRAL PARK

THE CITY OF NEW YORK,

DEPARTMENT OF PARKS.

REPORT FOR THE YEAR 1906.

NEW YORK:
MARTIN B. BROWN COMPANY, PRINTERS AND STATIONERS,
NOS. 49 TO 57 PARK PLACE.

1907.

MARTIN B. BROWN
▲ PRESS ▲



NEW YORK



GIUSEPPI VERDI MONUMENT.

THE PARK BOARD :

MOSES HERRMAN, President,

Commissioner of Parks for the Boroughs of Manhattan and Richmond.

JOSEPH I. BERRY,

Commissioner of Parks for the Borough of The Bronx.

MICHAEL J. KENNEDY,

Commissioner of Parks for the Boroughs of Brooklyn and Queens.



SAMUEL PARSONS, Jr., Landscape Architect.

M. F. LOUGHMAN, Secretary.

DEPARTMENT OF PARKS.

REPORT FOR THE YEAR 1906.

The head of the Department of Parks is the Park Board, consisting of three Commissioners. The Park Board establishes and enforces general rules and regulations for the administration of the department, and subject to the ordinances of the Board of Aldermen, establishes and enforces rules and regulations for the government and protection of public parks and of all property in charge of said Board or under its control, which rules and regulations so far as practicable are uniform in all of the boroughs.

All rules and regulations of the Park Board which were in force on the 1st day of January, 1902, were continued in full force and effect by the provisions of the new Charter. Any person violating such ordinances is guilty of a misdemeanor. The Park Board receives bids for works and supplies, lets contracts and has general power over all matters relating to the parks of this city, taken as a whole.

Each Commissioner of Parks, subject to the general rules and regulations established by the Board, has administrative jurisdiction within the borough or boroughs to which he was designated by the Mayor in his appointment.

The offices of the Park Board are, under the Charter, in the Borough of Manhattan, and are located in the Arsenal Building, Central Park. Branch offices in the Boroughs of Brooklyn and The Bronx are provided also by the Charter, and are located, respectively, in the Litchfield Mansion, Prospect Park, and the Zbrowski Mansion, Claremont Park.

The City of New York is divided for purposes of maintaining parks and parkways into the following borough divisions:

1. Boroughs of Manhattan and Richmond.
2. Boroughs of Brooklyn and Queens.
3. Borough of The Bronx.

The assent of the Landscape Architect of the Department of Parks is requisite to all plans and works or changes thereof respecting the construction, development or ornamentation of any of the park squares or public places of the city. It is the duty of such Landscape Architect, from time to time, to prepare and submit to the Board plans for works or changes respecting the parks and parkways of the city.

BOROUGHES OF MANHATTAN AND RICHMOND.

Office of the Department of Parks, Boroughs of Manhattan and Richmond, }
 The Arsenal, Central Park, }
 New York, December 31, 1906. }

Hon. GEORGE B. McCLELLAN, Mayor, The City of New York:

Sir—In compliance with the provisions of the Charter, I send you herewith the report of work undertaken and accomplished in this department during the year ending December 31, 1906.

Respectfully,

MOSES HERRMAN,
 Commissioner of Parks, Boroughs of Manhattan and Richmond.

 Central Park.

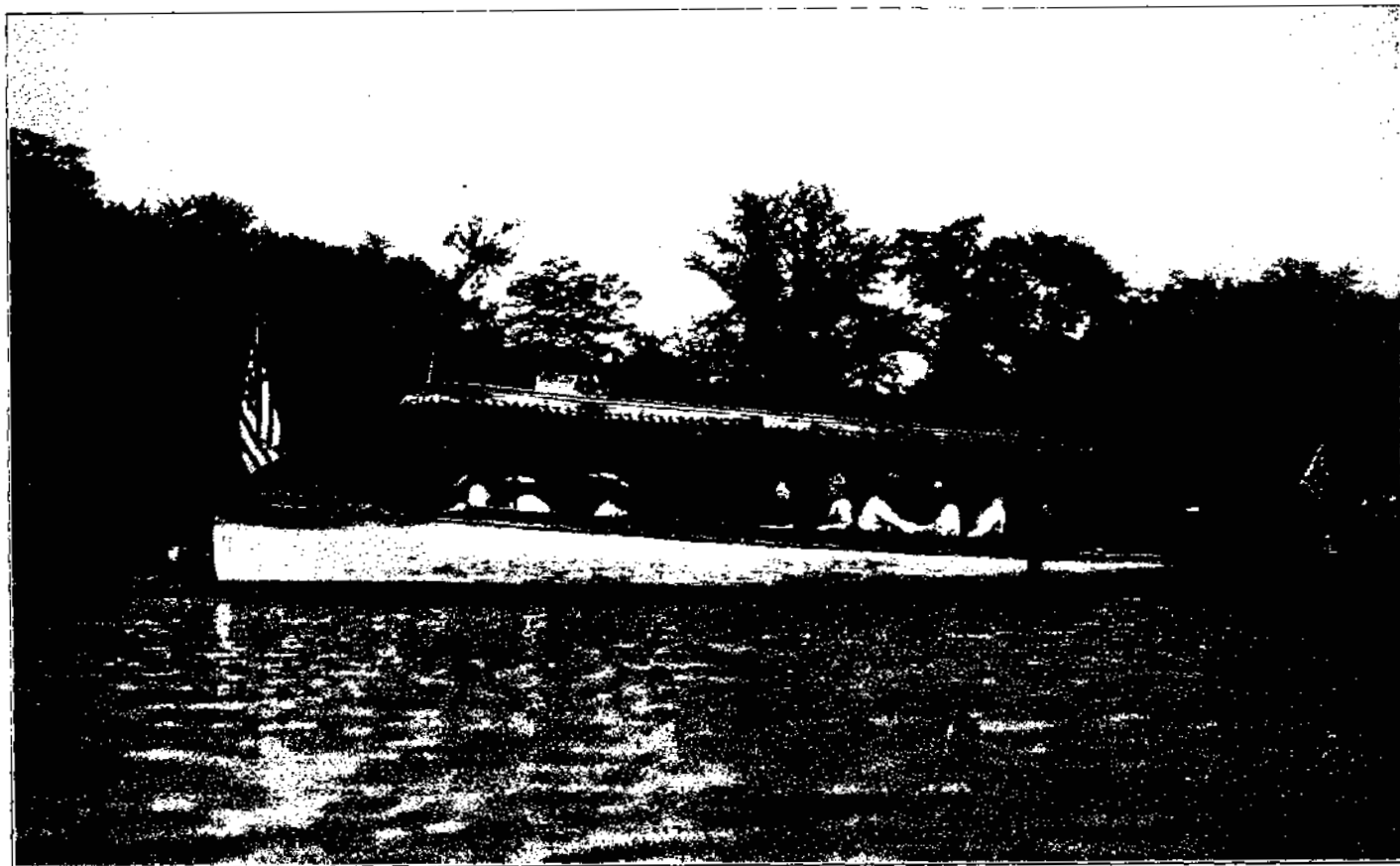
Concreting and Water-proofing the Floor of the Carpenter Shop in Central Park—The work of reconstructing the floor of the carpenter shop, in Transverse road No. 3, was prosecuted to completion, the same having been begun in the latter part of the previous year. The investigations as to springs, leaks from reservoir, etc., were continued, drains were constructed, pipe laid, basins built, subfoundations of broken stone were laid and a concrete floor with a cement finish formed the superstructure. Upon this cement finish a double layer of water-proofing, with asphalt finish, was laid, and the joists and 2-inch plank flooring formed the finish.

Although the improvement above described was made at considerable expense to the Department, the treatment has been radical, and complaints are no longer filed. The work done during the year is as follows:

Cubic yards of concrete in foundations.....	50
Linear feet of drain pipe and dry drains laid.....	380
Square feet of damp-proofing, two layers of canvas and asphalt finish, laid....	5,860
Square feet of 2-inch floor laid.....	5,707

 New Drainage System in the Vicinity of the Music Stand, Mall, Casino Plaza and Lawns Adjacent.

The drainage system constructed some forty years ago in the vicinity above mentioned was found so defective as to be beyond repair. A new system, with the necessary basins, was constructed. The cellar of the music stand, which had no drainage connections whatever, and in which water stood to the depth of 3 feet 6 inches after heavy rains, was connected with the main trunk on the East drive. Water and sewage, which were discharged over the lawns from the sheds, were taken care of



CENTRAL PARK LAKE.

through new lines and connected to sewers. The work done in connection with the above improvement follows:

Linear feet of 8-inch drain pipe laid.....	255
Linear feet of 6-inch drain pipe laid.....	801
Surface basin built.....	1
Cubic yards of excavation of all kinds.....	311
Cubic yards of refilling in trenches.....	300
Square feet of rock asphalt mastic wearing surface laid in walks, on concrete base and rubble stone foundation.....	1,000

St. Nicholas Park.

In April the work of improving a portion of St. Nicholas Park, to wit: The section lying between One Hundred and Thirty-fifth and One Hundred and Forty-first streets, St. Nicholas avenue and St. Nicholas terrace, was begun. Under various acts or laws the entire section of rocky and hilly land between One Hundred and Thirtieth street and One Hundred and Forty-first street, St. Nicholas avenue and St. Nicholas terrace, and the four blocks between One Hundred and Thirty-sixth and One Hundred and Thirty-eighth streets, St. Nicholas terrace and Amsterdam avenue, were set aside for park purposes.

The treatment of this section was planned to be similar in its layout and construction to Morningside Park. In laying out this park, care has been taken to maintain as nearly as possible the original topography, which is very rustic, maintaining the prominent rock features where possible, deviating from set forms as to the laying out of the walk systems, treating the general sloping and shaping boldly, and constructing a modern surface and sub-drainage, water supply, and irrigating system. The work on the contract between One Hundred and Thirty-fifth and One Hundred and Forty-first streets has been prosecuted during the year, and practically all of the underground work is in place. The park will be ready for public use during the summer of 1907.

In 1906, a sum of money was set aside for improving the section of St. Nicholas Park between One Hundred and Thirtieth and One Hundred and Thirty-fifth streets, St. Nicholas avenue and St. Nicholas terrace. A contract was executed covering this work during the latter part of the year, and the work will be completed by the close of 1907.

A further request for money to construct the bays and approaches leading from St. Nicholas Park to the terrace has been made, as also for the funds required to improve the four blocks on the top of the hill between One Hundred and Thirty-sixth and One Hundred and Thirty-eighth streets, St. Nicholas terrace and Amsterdam avenue. These four blocks are to be treated as playgrounds, outdoor gymnasiums, running tracks, etc.

As it might be of more than passing interest, attention is called to the work performed on the contract between One Hundred and Thirty-fifth and One Hundred and Forty-first streets, between the date of beginning work on same and December 31:

Cubic yards of earth excavation	9,100
Cubic yards of rock excavation	1,440
Cubic yards of large loose rock removed.....	79
Cubic yards of manure spread on lawns.....	1,580
Cubic yards of mold spread on lawns.....	5,350
Walk basins built.....	32
Surface basins built.....	11
Receiving basins built.....	1
Linear feet of 6-inch vitrified drain pipe laid in concrete casing.....	630
Linear feet of 8-inch vitrified drain pipe laid in concrete casing.....	1,220
Linear feet of 10-inch vitrified drain pipe laid in concrete casing.....	260
Linear feet of 12-inch vitrified drain pipe laid in concrete casing.....	860
Manholes built on drainage system.....	17
Linear feet of 3-inch porous tile drain laid in broken stone.....	100
Linear feet of 4-inch cast iron water pipe laid.....	2,800
Linear feet of 2-inch galvanized iron water pipe laid.....	1,400
Linear feet of 6-inch vitrified drain pipe laid.....	235
Gate vaults built	6
Four-inch gates set.....	12
Two-inch gates set.....	25
Linear feet of 5-inch bluestone curbstone set in concrete.....	350
Linear feet of 2½-inch bluestone edging set in concrete.....	1,000
Square feet of asphalt walk complete, 8-inch rubble, 3-inch concrete, 1-inch asphalt	3,700
Square feet of 8-inch rubble and 3-inch concrete laid.....	9,350
Square feet of 8-inch rubble laid	46,000
Cubic yards of rubblestone masonry laid.....	555
Linear feet of bluestone steps set.....	1,545

Colonial Gardens, Jumel Mansion.

The improvement of the grounds around the Jumel Mansion and the construction of a Colonial Garden northeast of the building were undertaken by the Department, special requests for the same having been made by several of the Committees interested in the improvement and general maintenance of the historic site. The work was completed, with the exception of the planting, at the close of the year. The work done follows:

Fountain basin of brick and concrete construction built.....	1
Surface basin constructed.....	1
Linear feet of ¾-inch wrought iron water pipe and connections laid.....	82



THE LAKE, CENTRAL PARK.

Linear feet of 6-inch vitrified drain pipe laid.....	180
Cubic yards of earth excavation	440
Cubic yards of filling in embankments and shaping.....	440
Cubic yards of mold delivered on slopes.....	450
Square feet of 8-inch rubble stone as foundation for walks.....	2,000

East River Park Extension.

Improvement of esplanade walk, between Eighty-sixth street and a point between Eighty-seventh and Eighty-eighth streets, adjacent to the East river sea wall, extension of East River Park.

Upon the completion of the work, erecting a sea wall, the coping of which is 12 feet above the level of high tide, the necessary filling was placed behind the wall. After the same had thoroughly settled, the Department constructed, of re-enforced concrete with cement finish, a walk 27 feet wide, finishing against a bluestone edging, which improved the plaza between the steps leading north and south at Eighty-seventh street, providing the necessary drainage system and steps.

From this walk, which is 27 feet wide as stated, a general view of the river and islands is obtained. It is patronized to its utmost capacity, and in hot weather the entire Esplanade walk, from Eighty-ninth street and Avenue B along the sea wall to Eighty-sixth street is crowded with people. The work done was as follows:

Linear feet of 5-inch bluestone curb furnished and set.....	44
Linear feet of 2½-inch fine-axed bluestone edging furnished and set.....	350
Cubic yards of rubblestone masonry for step foundations built.....	10
Linear feet of granite steps furnished and set.....	60
Linear feet of bluestone cheek pieces furnished and set.....	11
Walk basins built complete	4
Linear feet of 6-inch vitrified drain pipe furnished and laid.....	77
Square feet of re-enforced Portland cement pavement laid.....	8,725
Square feet of walk pavement of rock asphalt mastic laid.....	1,709
Linear feet of three-rail pipe fence furnished and erected.....	35
Cubic yards of excavation of all kinds.....	194
Cubic yards of steam ashes furnished and spread.....	194

Thomas Jefferson Park.

Upon the backing log of the bulkhead, the easterly boundary of Thomas Jefferson Park, between One Hundred and Eleventh and One Hundred and Fourteenth streets, which backing log forms the easterly finish of the Esplanade walk of Thomas Jefferson Park, an ornamental iron railing with a wire mesh screening or facing was erected. The said railing was also returned along the backing log over the bulkhead of the abandoned slips in One Hundred and Eleventh and One Hundred and Fourteenth streets. The work done follows:

Linear feet of three-rail pipe fence, with wire mesh screening erected.....	850
---	-----

Improvement of Small Triangular Plot, One Hundred and Fiftieth Street and St. Nicholas Avenue.

The small triangular plot bounded by St. Nicholas avenue, St. Nicholas place and One Hundred and Fiftieth street having been turned over to the Department, plans were prepared for improving the same. The plot was improved on Park lines with walks and lawns, and the proper fences. The work done follows:

Cubic yards of excavation of all kinds.....	200
Linear feet of 5-inch bluestone curbstone set.....	318
Linear feet of 2½-inch bluestone edging furnished and set.....	277
Square feet of asphalt walk pavement on concrete base, and rubblestone foundation laid	1,873
Cubic yards of garden mold spread in lawns.....	183
Square feet of sod laid.....	2,926
Receiving basin built	1
Linear feet of 12-inch drain pipe from basin to sewer laid.....	62
Linear feet of 2-rail pipe fence, plain, erected	268
Linear feet of 2-rail pipe fence, with wire mesh screening erected.....	223
	<hr/>

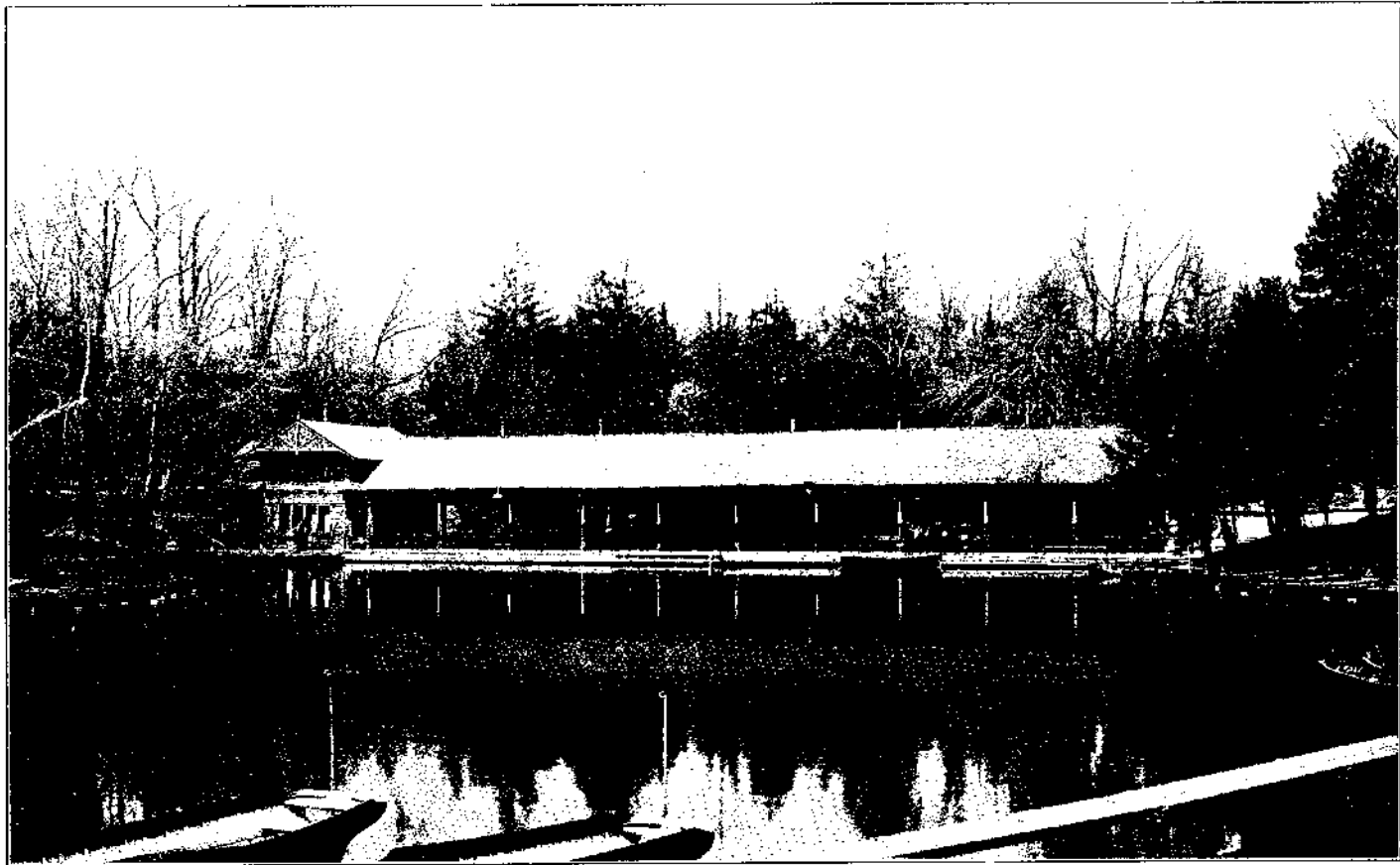
Cathedral Parkway.

The work of widening Cathedral parkway, between Fifth and Seventh avenues, and paving the same, as well as the Circle at Fifth avenue having been completed, it remained for the Department to improve the northerly sidewalk of the street. The same, owing to lack of funds, had not been improved since the laws defining the boundaries of Cathedral parkway, as widened, had been in effect. The work of improving this sidewalk combined the laying out and preparing of the tree pits, asphalt-ing sidewalks, building dry rubble retaining walls where required, spreading of mold, and the regulating and grading of the strips of land exterior to the asphalt walk. The entire Cathedral parkway from Fifth avenue to Riverside Park is now completed. The work done on this contract follows:

Cubic yards of excavation of all kinds.....	3,690
Cubic yards of dry rubble retaining wall built.....	100
Square feet of rock asphalt mastic walk pavement laid on concrete base, and rubblestone foundation	37,500
Square feet of cement sidewalk on concrete base laid.....	11,450
Cubic yards of mold furnished and delivered in tree pits.....	1,190
	<hr/>

Lenox Avenue Entrance at Cathedral Parkway.

In connection with the general improvement of Cathedral parkway, it was found necessary to change the grade of the gutters, roadway and drainage at the Lenox avenue entrance to Central Park, in order to conform to the legally established grade of the parkway. The roadway for its full width, and for a distance in from the avenue line of 50 feet, was reshaped and recrowned. New asphalt gutters were



OLD BOAT HOUSE, FROM DIRECTLY OPPOSITE.

laid, new curb set, and the earth walks at the entrance were reconstructed and resurfaced with rock asphalt mastic. The work done follows:

Linear feet of old gutter taken up.....	70
Cubic yards of excavation of all kinds.....	10
Linear feet of new asphalt gutters laid on 6-inch concrete foundation.....	100
Linear feet of new 5-inch curb set.....	25
Square feet of asphalt walk constructed.....	25

Restoration of Pavements on Streets and Avenues Under Park Department Jurisdiction.

The asphalt roadway pavements under the jurisdiction of this Department were kept in proper repair, and the total amount of work done in order to properly maintain the same during the year was 9,759 square yards of wearing material laid and 15 cubic yards of concrete in foundations.

Measurement of Supplies.

The office also measured supplies delivered to the Department as follows:

Cubic yards of bluestone screenings.....	1,432
Cubic yards of coarse gravel.....	13,435
Cubic yards of fine gravel.....	1,555
Trucks hauling materials, such as manure, mold, broken stone and sand....	87

Engineering Force.

The engineering force was employed during the year on the laying out and supervision of the various contracts, and in addition thereto the preparation of surveys, plans, specifications, estimates of costs for new and contemplated work, and the measurement of all supplies purchased on contract or order for the boroughs of Manhattan and Richmond, as well as the tabulating of all bids received for the various boroughs in the matter of contracts and supplies, and general office routine. The following list shows the work done by that force:

Survey, contract plans, form of contract and specifications for the improvement of the small park at One Hundred and Fiftieth street and St. Nicholas avenue.

Survey, contract plans, form of contract, specifications, etc., for the improvement of the Esplanade walk, East River Park extension, between Eighty-sixth and Eighty-eighth streets.

Survey, contract plans, form of contract and specifications for installing a water supply in the Public driveway.

Topographical survey, contract plans, form of contract, specifications, etc., for the improvement of St. Nicholas park, between One Hundred and Thirtieth and One Hundred and Thirty-fifth streets.

Topographical survey, contract plans, form of contract, specifications, etc., for the improvement of Colonial Park, north of One Hundred and Forty-ninth street.

Surveys, contract plans, form of contract and specifications for a new water supply in Central Park, between Fifty-ninth and Seventy-second streets, Fifth avenue and Middle drive.

Surveys, contract plans, form of contract, specifications, etc., for the preparation of tree pits for St. Gabriel's Park and Manhattan square.

Survey, contract plans, form of contract, specifications, etc., for improving the entrance to Central Park at Sixty-sixth street and Central Park West.

Surveys, contract plans, form of contract and specifications for constructing a sewer from the cottage in Ramble, near Seventy-ninth street transverse road to the City sewer.

Defining and laying out the westerly line of Fort George Park.

Surveys showing location of water mains under the new walks, Metropolitan Museum of Art.

Survey and map showing lands actually taken, also that authorized or contemplated, for St. Nicholas Park.

Plan showing grades of streets surrounding New York Public Library.

Construction plan of sewer in North Meadow.

Examination and topographical survey with recommendations at site of the old engine house, City Hall Park.

Soundings and test pits for new sewer in Seventy-ninth street transverse road.

Surveys, contract plans and specifications for repairs of roadways.

Surveys in the matter of constructing new drainage from certain cottages in Central Park.

Computations and report as to money required for the four years' budget.

Survey defining the axis of the main building of the College of The City of New York, to be used in connection with the preparation of plans for bays and approaches to St. Nicholas terrace, St. Nicholas Park.

Completion of survey of Harlem Lane Park, adjacent to Central Bridge.

Construction plans for Colonial Gardens, Jumel Mansion.

Preliminary survey and map of Chelsea Park for the Landscape Architect.

Final measurements, certificates, payment on acceptance, etc., St. Gabriel's Park.

Survey and treatment of drainage system from the Casino, Central Park, to the main sewer and construction of new basins.

Investigation and report advising reconstruction of playgrounds, Seventeenth Street Park.



LLAMAS IN CENTRAL PARK MENAGERIE.

Investigations and report as to work being done by the Rapid Transit Commission in Battery Park.

Investigation and report relative to conditions of gutters on the Broadway side of Port Richmond Park, Staten Island.

Location surveys and construction map of De Witt Clinton Park.

Laying out tree pits in De Witt Clinton Park.

Defining the boundary lines between park and Dock Department property at Seventy-ninth and Ninety-sixth streets, Riverside Park extension.

Surveys of Riverside Park at Ninety-sixth street for construction map.

Laying out building lines, Museum of Art, and establishing levels.

Surveys on Riverside drive, between Seventy-ninth and One Hundred and Eighth streets, for construction map.

Topographical survey and map of John Jay Park.

Constructing a tile drainage system around the pergola, De Witt Clinton Park.

Location survey of new drainage from fountain, Riverside Park at Seventy-sixth street.

Survey showing the outlines of shrubbery between East drive and park walk between Sixtieth and Sixty-fourth streets.

Survey and map of Empire Park North, for improvement of same.

Survey of line through park at Ninety-first street and Central Park for Landscape Architect.

Plans for Department of Water Supply, Gas and Electricity, showing the location of all lamp-posts in Central Park.

Surveys of defective drainage at Seventy-second street, Fifth avenue, Seventy-first street, Eighth avenue and Ninety-third street, near West drive.

Topographical survey and map in re improving storage yards, Ninety-seventh street and North Meadow.

Survey and estimate for improving the gutters and bridle roads of Central Park.

Topographical survey and map of Colonial Park, between One Hundred and Forty-fifth and One Hundred and Forty-ninth streets.

Estimate of cost, constructing St. Nicholas Park, between One Hundred and Thirtieth and One Hundred and Thirty-fifth streets.

Estimate of cost, constructing Colonial Park.

Survey of a portion of Madison square, near Twenty-sixth street, for proposed comfort station.

Laying out the work for inclosing the fences, storage yard, North Meadow.

Survey and estimate of cost for cleaning pool and loch in Central Park.

Location survey showing the condition of demolition of buildings in Chelsea Park.

Survey and plans for the proposed improvements of the park sidewalk of Central Park West, between Fifty-ninth and Seventy-second streets, including the entrance at Sixty-sixth street.

Entomological Work.

The spraying of the trees for fungi, scale insects and the numerous leaf-eating insects was continued during the year until October, and the men were then placed at their winter work of cleaning the trees of cocoons and egg masses, and on this work they have been engaged during the remainder of the year.

The study of the destructive tree insects and fungi has been carried on as far as has been possible in the parks. In the insectory and laboratory many problems have been solved which will aid in the work during the coming year. In addition to the usual spraying operations, a large number of pines were treated for the pear chermes, so very abundant on the branches of *pinus strabus*. A number of elm trees were treated for the elm scale, and the elm borer *pseudococcus acerii* on the sugar maples was also treated, together with the removal of *pulvinaria*.

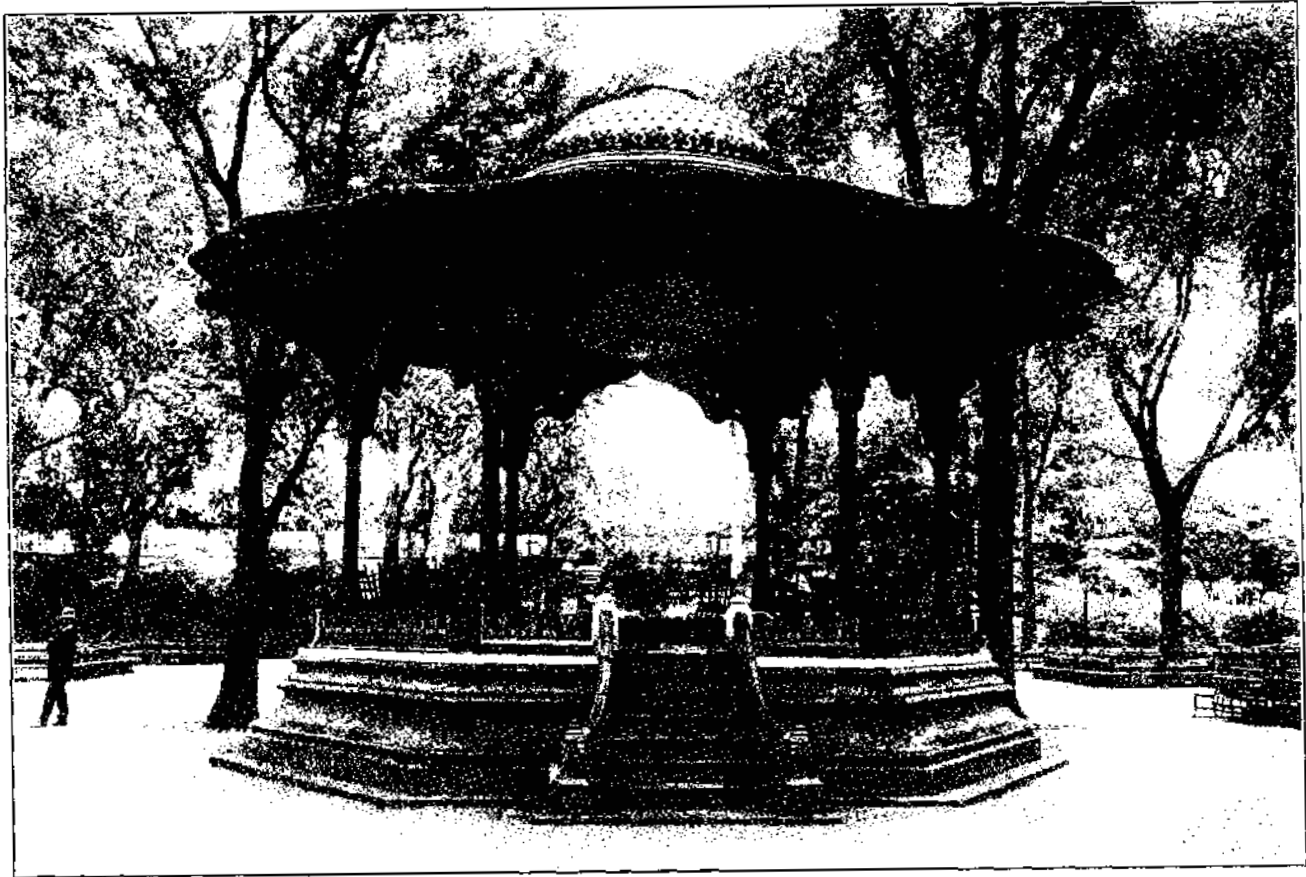
In the insectory in the experiment garden the annual autumnal sowing of seeds was continued, about 150 new species of plants having been introduced for the attraction and the study of the noxious insects that will find congenial food and habitat upon and within their substance.

The last quarter has been favorable for the work of cleaning the trees in the downtown parks, and beginning at Battery Park, the work has been continued to the near completion of Union Square. The remaining parks will be undertaken in succession until all are cleaned of cocoons and egg masses, as far as is possible with the number of men employed on the work.

Many inquiries have been received and answered in regard to destructive insects and fungi, and formulas for the making of emulsions and spraying material. All the street trees that this Department has been directed to treat have been promptly attended to and the best results possible given.

During the beginning of the last quarter, and before the final dropping of their foliage, the trees presented a good appearance, and all the parks looked well at the approach of winter, particularly Central Park. The downtown parks suffered more from the dust and dryness incidental to the massing of buildings in their vicinity and the therefore increased heat and light radiating from them and the greater amount of dust that is lodged upon the stomata of the foliage, causing a brown appearance. Altogether the parks have presented an unusually good appearance during the past year.

In Central Park considerable time was given to the work of spraying for scale insects, *pseudococcus* and the pine chermes, together with the removal of cocoons



MUSIC STAND, MALL, CENTRAL PARK.

and egg masses and the collecting and destroying of twigs and branches affected by the elm borer *zeuzera*.

In Battery Park the regular winter work of removing cocoons and egg masses was begun in November and the park put in good condition. By frequent spraying it will be possible to keep in check the Tussock moth and preserve the trees during the coming year. The trees in this park are very important, as they serve as a shelter during the heated term.

In City Hall Park the trees were cleaned of cocoons and egg masses and received the usual spraying.

Similar treatment is being given the trees in Union Square Park. The trees in the remaining parks will in turn receive attention, and it is hoped to complete the work before the springing of the leaves in the early spring, when the spraying will have to be begun.

Careful study has been given to the best spraying devices, and preparations for the destruction of noxious insects, and many experiments have been conducted to determine the value of insecticides and fungicides.

The report that the gypsy moth had invaded New York City was found, after a very careful examination, to be untrue, as no traces of this destructive insect have as yet been found within the City limits.

The parks have never been in better foliage than during the past summer and autumn, owing to the great care given to the removal of the cocoons and egg masses during the winter and spring and the continuous spraying operations kept up during the entire summer and autumn. Few trees have shown the destructive work of insects, although the fungus has in many places caused the foliage to assume a brown-burned appearance, owing to the parasitic growth of the plant in the tissue of the leaves. Combating these fungus diseases has been part of the study, and has been carried on for about eight years with a marked improvement in the foliage of many trees of the park system.

The pines so badly infested with cocoons have been relieved of this insect pest so as to present a much better condition, and the maples affected with *pseudacaceae* and *pulvinaria* have entirely recovered from the attacks of these parasites since the proper treatment has been continued.

The elm bores, once so abundant in the parks and affecting one hundred species of trees and shrubs, have been kept in good subjection and the trees have not been to any extent mutilated by their workings.

The Meteorological Observatory.

In regard to the New York Meteorological Observatory, under the jurisdiction of this Department, and located in the Arsenal, Central Park, beg to report that it completes thirty-eight years of its service, which was authorized by an act of Legis-

lature passed May 5, 1869, and reaffirmed in the Charter of The City of New York, chapter 378 of the Laws of 1897.

On taking charge of the observatory Professor Daniel Draper's energies were directed towards equipping it with continuous self recording instruments, and as there was no observatory in this country supplied with such instruments, and very few observatories in Europe at that time possessed any, it fell to Professor Draper to invent and construct those now in use in this observatory. Their working has proved so satisfactory that several sets have been adopted by other observatories, not only in this country, but also abroad.

During the past thirty-eight years the daily work of the observatory has been uninterruptedly kept up, not a day's record, even including Sundays and holidays, has been lost. The registers containing all this large amount of information have been properly arranged in suitable books for future reference. These records have been produced in the courts many hundreds of times, and occasionally in three different courts on the same day. The legal profession use these weather records in suits pertaining to accidents of various kinds and in pleas for the extension of time on contracts, due to the number of rainy or cold days on which work could not be done.

During the past year several hundred cases were brought against the City on account of the Webster avenue sewer overflowing by an excessive rainstorm. The rain records of this observatory for the past thirty-seven years were consulted to see how many rainstorms of over an inch in the hour had occurred, and what was the amount of water that fell in 30 minutes for each storm. It was found that during the past 37 years there had been 346 storms in which over an inch of water fell. There were 51 rainstorms in which one inch or over fell in one hour, and 25 rainstorms in which over an inch fell in 30 minutes. These rain records have been used in the Boroughs of Brooklyn and Queens in similar suits.

Hourly observations of the direction of wind are posted daily to the Health Department. A special weekly weather report is made out every Monday morning for an officer from the Health Department for publication.

Hourly observations from the self-recording instruments in the observatory have been printed and distributed to home and foreign observatories, libraries and city departments at the end of each month.

Menagerie.

The collection consists of 360 mammals, 581 birds and 25 reptiles. The donations during the year have numbered 105 and were as follows:

January 8, 2 guinea pigs; January 10, 3 canaries, 6 finches; January 12, 1 guinea pig; February 5, 1 starling; February 12, 1 owl; February 17, 2 crows; February 28, 1 rabbit; March 24, 1 alligator; March 25, 3 ring doves; March 29, 1 alligator; April 6, 1 Irish thrush; April 12, 1 ringneck pheasant; April 13, 1 parrot; April 17, 1 canary



SNOW-SCENE, IN CENTRAL PARK.

bird; April 20, 1 parrakeet; April 21, 1 rabbit; April 24, 1 alligator; May 1, 1 Java monkey, 1 macaw; May 7, 1 parrot; May 29, 1 alligator; June 1, 1 pintail duck; June 5, 1 hawk; June 7, 1 alligator, 2 parrots; June 12, 1 rail crane; June 14, 1 mockingbird, 1 cardinal; June 15, 2 rabbits, June 19, 2 ring doves, 1 pigeon; June 20, 1 Irish thrush; June 28, 12 ducks, 8 geese, 1 Panama parrot; June 29, 2 rabbits, 1 marmoset; July 20, 2 rattlesnakes; July 26, 1 red fox; July 31, 2 parrots, 1 parrakeet; August 6, 1 parrot, 1 guinea pig; August 7, 1 African parrot; August 25, 1 parrakeet, 1 marmoset; September 10, 6 rabbits; September 18, 1 brown thrush; September 29, 1 woodcock, 1 rabbit; October 1, 1 ringtail monkey; October 5, 1 ocelot; October 10, 3 rabbits; October 18, 1 hawk; November 11, 1 capybara; November 12, 1 owl; November 21, 2 ferrets; November 22, 1 ringtail monkey, 1 porcupine; November 27, 1 cinnamon bear, 1 black bear. Total, 105.

The births during the year have numbered 62 and were as follows:

February 7, 1 axis deer; March 1, 1 aoudad; March 6, 2 aoudads; April 6, 2 aoudads; April 6, 1 Angora goat; April 15, 1 Angora goat; June 2, 1 red deer.

During the months of March and April 53 lambs were born.

The purchases during the year have been as follows:

February 5, 6 golden eagles; March 29, 36 male canaries, 12 female canaries; March 29, 4 Egyptian geese; June 5, 36 Pecan ducks; September 30, 1 spotted leopard; October 31, 2 llamas, 10 Java monkeys, 10 Rhesus monkeys, 48 canaries, 4 macaws; October 31, 4 rose cockatoos, 6 white cockatoos, 6 cardinals, 12 Napoleon weavers, 6 Japanese robins, 3 python snakes; November 1, 2 axis deer; November 16, 1 female Indian antelope. Total, 209.

The exchanges during the year have been as follows:

January 9, exchanged 2 bull zebus for 2 black apex and 2 doe elks; September 29, exchanged 1 fallow deer buck for another fallow deer buck; October 9, exchanged 1 male lion for 1 puma, 1 hyena and 1 black bear; October 23, exchanged 1 buffalo bull for 1 bull elk, 1 Angora goat and 648 pounds of wool (this exchange was made with Commissioner Kennedy, of Brooklyn); June 28, sold at public auction the following: 1 ram, 20 ewes, 29 ram lambs, 6 elks, 1 donkey and 1,180 pounds of wool; July 14, sold to the New York Zoological Society 1 male hippopotamus.

The deaths during the year have numbered 97 and were as follows:

January 8, 1 porcupine, 1 parrakeet, 1 owl; January 12, 1 fallow deer; January 19, 1 monkey, 1 parrot; January 24, 1 monkey; January 26, 1 white swan; January 28, 1 marmoset; February 8, 1 marmoset; February 9, 1 baboon, 1 peccary; January 14, 1 monkey, 1 pheasant, 1 parrot; January 17, 1 nylghau, 1 parrot; January 23, 1 white swan; January 26, 1 white swan, 1 monkey, 1 raccoon; January 27, 1 white swan; March 1, 1 Mexican deer, 1 white swan; March 6, 1 baboon, 1 pheasant, 1 parrot; March 24, 1 red fox; March 25, 1 eagle; March 29, 1 parrot; March 30, 1 parrot; April 2, 1 owl, 1 macaw; April 3, 1 pheasant; April 6, 1 eagle; April 12, 1 eagle;

April 18, 1 Mexican deer; April 23, 1 pheasant, 1 parrakeet; May 6, 1 Mexican deer; May 9, 1 axis deer; May 12, 1 red deer; May 13, 1 monkey; May 18, 1 white swan, 1 eagle; May 20, 1 agouti; May 25, 1 fallow deer; May 24, 1 white swan; June 3, 1 snake, 1 parrakeet; June 5, 1 eagle; June 7, 1 axis deer; June 9, 1 parrot; June 22, 1 Angora goat, 1 white swan, 1 black swan; July 2, 1 yak, 1 white swan; July 11, 1 red fox, 1 monkey; July 15, 1 monkey; July 16, 1 monkey; July 18, 1 cockatoo; July 20, 1 cockatoo; July 23, 1 white swan; August 4, 5 parrots (killed by paint); August 6, 1 agudad; August 10, 1 axis deer; September 3, 1 axis deer; September 8, 1 monkey; September 14, 1 Indian antelope; September 19, 1 white swan; September 28, 1 monkey, 1 parrot; October 9, 1 monkey; October 12, 1 black bear; October 13, 1 lion; October 19, 1 marmoset; November 5, 1 monkey; November 10, 1 macaw; November 11, 1 monkey; November 20, 1 monkey; November 24, 1 monkey, 1 cockatoo; November 25, 1 parrot; November 26, 1 monkey; December 5, 1 monkey, 1 eagle; December 14, 1 monkey; December 16, 1 wolf; December 17, 1 black bear; December 21, 1 monkey; December 24, 1 monkey. Total, 97.

Recapitulation.

Increase by—

Donations	105
Birth	62
Purchases	209
Exchanges	4
Total	<u>380</u>

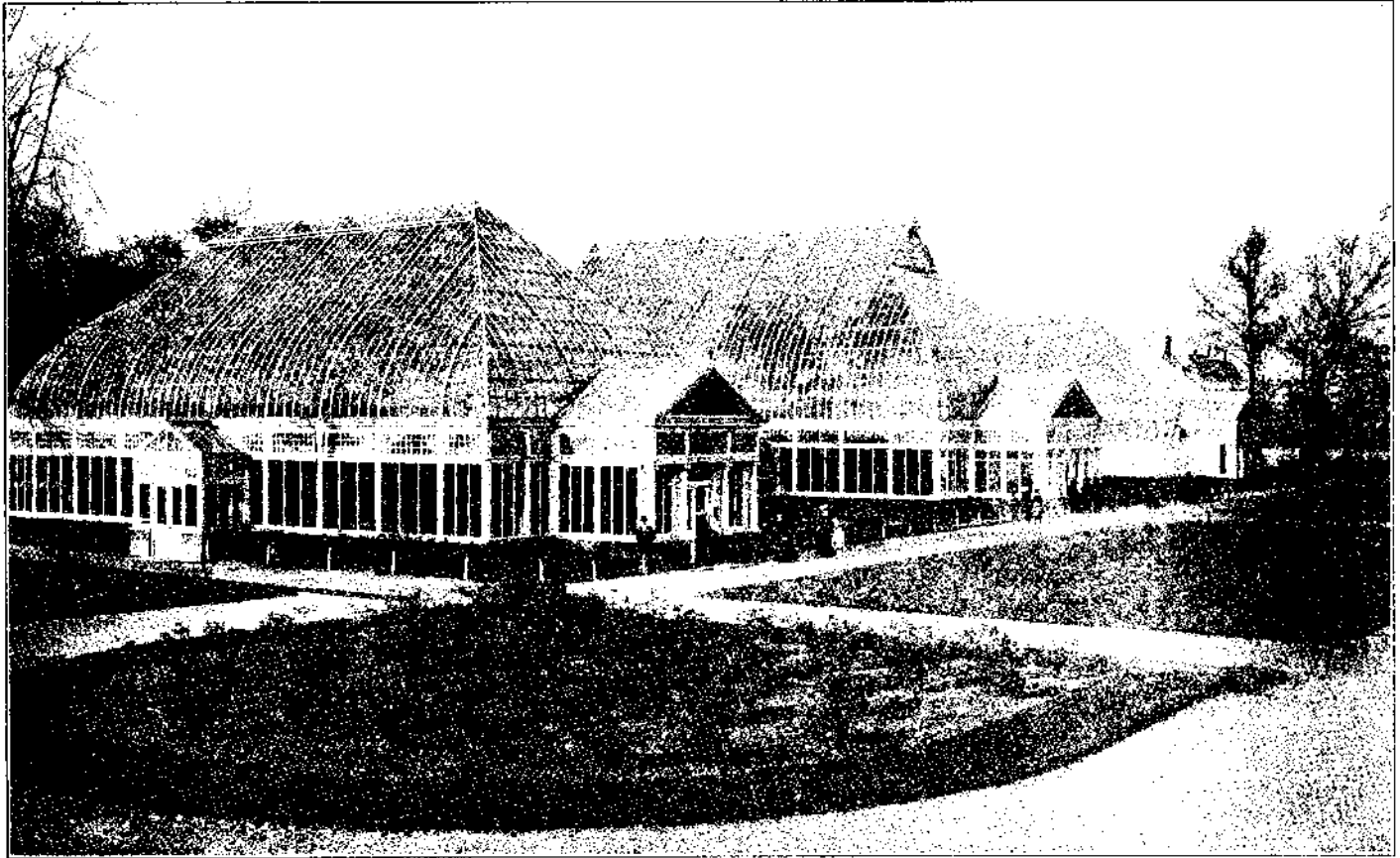
Decrease by—

Death	97
Sale	58
Total	<u>165</u>

In addition to the regular maintenance work in connection with the various parks and parkways, such as cleaning the walks and drives, pruning the trees, cutting and fertilizing the lawns, etc., the forces of the department were engaged during the year in many important works of construction and improvement.

A large quantity of mould was furnished and spread throughout the Central Park, mostly in the neighborhood of the northwestern portion of the North Meadow, the Ramble and on the slopes around the Reservoir. About 452,217 square feet of grass sod were furnished and laid by the department force. All the large lawns of Central Park were given a sodding of manure during the present fall.

Considerable attention was given to a thorough pruning and cleaning of trees and shrubberies throughout Central Park and the City parks, to restore them to a healthy



THE CONSERVATORY, CENTRAL PARK, IN WINTER.

condition. Many dead and dangerous trees were cut down and new ones planted. The planting in Central Park included 126 white birch, 34 Norway maples, 12 horse chestnuts, 8 magnolias, 78 American elms, 53 oaks, 47 European lindens, 64 American lindens, 34 ash, 7 yellow birch, 5 European elms and 37 plane trees. On West End avenue 8 Norway maples were planted.

The following shrubs were planted in Central Park: 700 rhododendrons, 500 kalimas, 300 oxydendrons, 200 Philadelphus, 150 crataegus, 350 forsythia, 150 rhemnus, 150 ligustrum, 200 azalias, 500 dolichos, 250 comus, 150 spiraes, 150 viburnums, 100 lonicera, 100 Osage orange, 25 calycanthus, 50 rhodotypes, 52 andromeda.

Flower beds were planted in the various parks, both of early spring variety and the usual summer bedding. For this work pansies and daisies were propagated at the Sixty-sixth Street Nursery, and such plants as geraniums, colias, etc., at the greenhouses. In the fall these beds were replanted with tulips, narcissus and hyacinths, preparatory to the early spring display of next year. The herbaceous beds along the East drive, from Eighty-fifth street to about the end of the park, were edged and sodded and generally renovated. At Seventy-second street and Riverside, Seventy-third street and Broadway, Manhattan square, Claremont, Mount Morris, Morningside and at the Harlem River driveway, the usual flower beds of cannas, geraniums and alenatheras were planted.

Conservatory.

The Conservatory in Central Park was opened to the public from 10 a. m. to 4 p. m., and was visited by great numbers of people. One hundred and twenty-five thousand bedding plants were propagated at the Conservatory for use in the parks.

A very elaborate flower show was held at the Conservatory during Easter week, and many varieties of azaleas, genistas, orchids, cineraria, begonias, etc., were exhibited.

Flowers and cuttings were furnished from time to time for use in connection with the nature studies in the public schools, as well as for exhibition purposes on Arbor Day and at commencements.

General Maintenance and Repairs.

The mechanical work consisted of the following:

The Carpenters and Painters were employed in necessary repairs to the various buildings in the parks, to signs, settees and music stands, and in the erection and removal of skate buildings and platforms. In addition to the regular routine work of the Carpenters the repairing and erection of rustic structures in Central Park was undertaken.

A high fence was placed about the dump near Ninety-seventh street and Eighth avenue, around which vines were planted. This fence enclosed a much larger area

than was formerly included in the dump on the Nursery, and the increased space was cleaned and graded.

Signs were placed along the Riverside water front and traffic signs on the main streets intersecting West End avenue.

The Masons were engaged in repairing and rebuilding basins and drainage, repairing and relaying flagging, repairing and resetting curbing, repairing cement walks, fountain basins, etc.

On Fifty-ninth street fifty-four tree plots were lowered and the temporary wooden posts and wire railings removed. Thirteen of these plots, between Fifth and Seventh avenues, were fenced in with pipe fences.

The bridle roads were carefully harrowed, gravel thrown in toward the centre from the gutters, and the roads maintained in good condition for the use of the greatly increased number of equestrians during the past year.

Playgrounds.

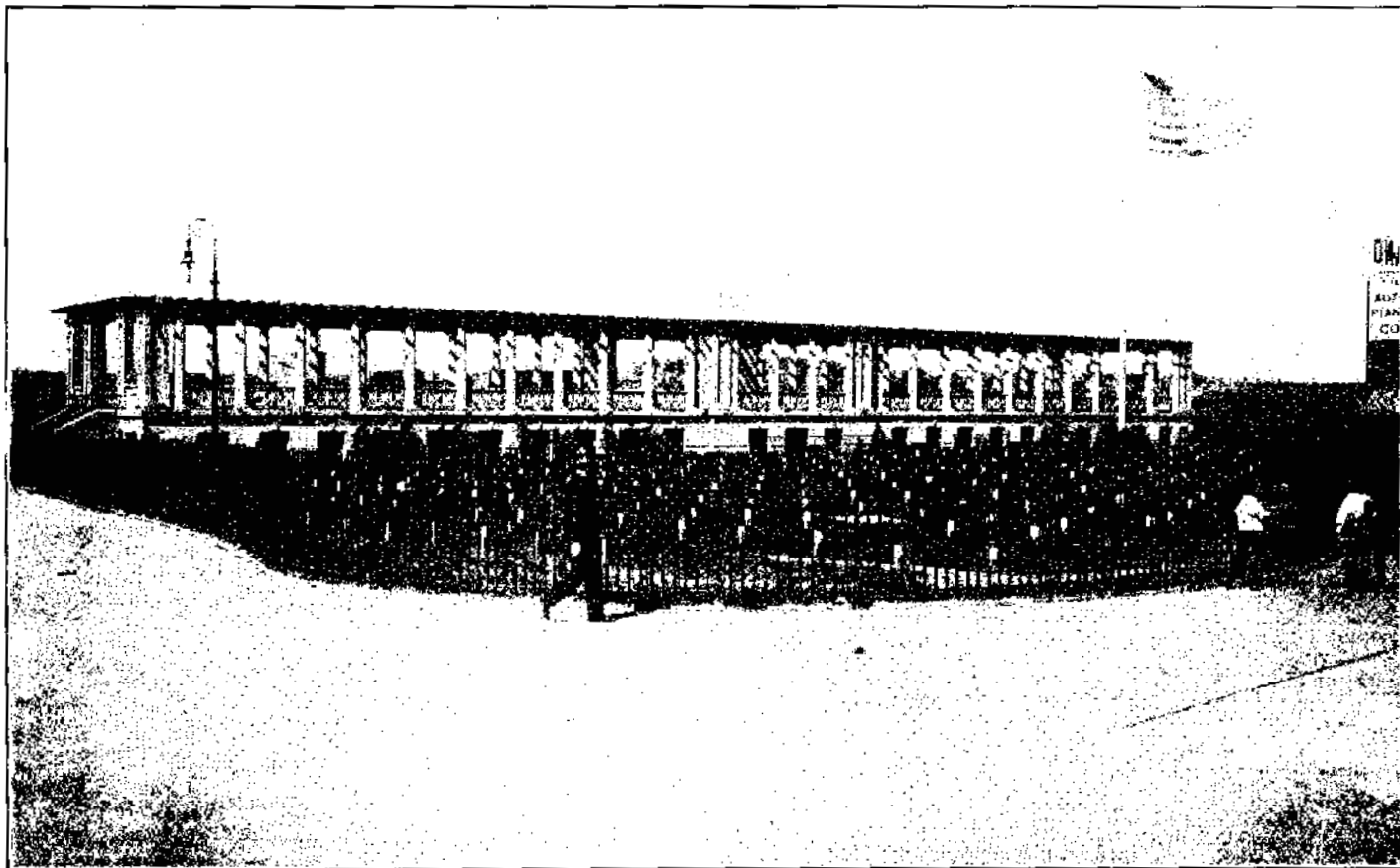
Extensive work was done throughout the park playgrounds, such as repairs to the different pieces of gymnastic apparatus, etc. At De Witt Clinton Park the work of constructing the boys' playground has been commenced. This work involves the putting up of shelter building and apparatus used on these grounds. The following playground apparatus was made and delivered from the department shops:

One hundred new baby seats, 26 lawn swings, 8 teeter ladders, 18 sets of parallel bars, 6 jumping standards, 2 horizontal ladders, 18 basket ball frames and goals, 8 approach boards, 6 vaulting poles, 5 kindergarten tables, 3 buck covers, 50 eye bolts, 52 iron swing rings.

During the months of April, May and June a very busy period in the playgrounds, the children showed by their activity that they fully appreciated every moment spent in these few breathing spots. Games of the season were participated in by children who flocked to the playgrounds from the thickly populated districts in which the playgrounds are located. Arbor Day exercises were held in some of the playgrounds, thereby inculcating a true love for nature. May Day festivities were observed in nearly all the playgrounds, exercises befitting these occasions being conducted by the attendants in charge.

The following games at this season may be seen played in all the park playgrounds: Volley ball, tennis, croquet, tether ball or pole tennis, quoits, pursuit races, three deep, red and black. These are generally played by the older children, while the younger ones are engaged in basketry, paper folding, card sewing, splint work and kindergarten games.

The early months of this year afforded continuous work done on the grounds, the weather being most favorable for the playgrounds. In many of the playgrounds after a snowstorm the children built forts, snow men and snow houses, had snow



DE WITT CLINTON FARM GARDEN AND PERZOLA.

fighls and enjoyed themselves, and learned the all important lesson of self-control. Lincoln's birthday was observed where grounds permitted by exercises conducted by attendants, and Washington's birthday was observed in a more patriotic manner. Hatchets and caps were made by the children. Flag drills, parades, patriotic songs and stories tended to make the day one of the few memorable ones.

The arrival of spring attracted many children to the playgrounds who had been confined to their homes during the winter months. The boys from the public schools were permitted to hold their meets in the various playgrounds. The greatest enthusiasm prevailed on these occasions, and medals were awarded by "The World" to the successful candidates.

Arbor Day was celebrated in nearly all the parks, more elaborate ceremonies being held in William H. Seward Park, followed by the planting of a linden tree presented by the Park Board.

Particular attention was given to the sand boxes in all the playgrounds. The old boxes underwent a thorough renovation because of their unsanitary condition. A new brick flooring was placed over the wooden ones, the latter being properly arranged to carry off the moisture. Sand was supplied at regular intervals and the old sand carried away. To the babies the sand boxes were the chief attraction.

July, August and September, the strenuous months in the playground work, the schools being closed, a very large attendance visited the various grounds. Although there were great attractions for the enjoyment of the children in the vacation schools and recreation centres, the boys and girls flocked to the playgrounds in the parks, for there they found the enjoyments that suited them—fresh air, sunlight and free play.

In the beginning of the summer months the supplies were somewhat low, but a large supply of material was furnished during the rest of the season. Baseballs were particularly needed, but happiness prevailed when the playgrounds received the special supply.

During the summer the schedule of time was from 9 a. m. to 7 p. m., each Gymnasium and Playground Attendant on duty for eight hours. Although the month of September was scheduled to keep the playgrounds open until 7 p. m., it was found impossible to do so, on account of the evenings closing in so early, so for that month the time was changed to 6 p. m., and beginning with the month of October the schedule was from 10 a. m. to 5 p. m.

The plan of Hudson Park Playground was changed. The apparatus belonging to the boys was transferred to the side formerly used by the girls, and vice versa. A large wooden platform was placed under the baby swings and small platforms under each of the large swings. A giant stride was tried in Hudson Park, but it was not found feasible on account of the public path being so near.

Corlear's Hook Park was supplied with new apparatus.

The playground in St. Gabriel's Park was opened on October 4, 1906, at 10 a. m. No special preparations were made for the opening, but at noon fully one thousand children, boys and girls, crowded in on the grounds. The new features in this playground are a "large slide" and old-fashioned "see-saws." Both of these innovations have proved great successes, for every child, irrespective of age or size, uses them very largely. On this ground are also found swings for the older children, baby swings for the little ones, a sand box about 12 feet in diameter prettily located near the pavilion, one tether pole and one giant stride. Material also for ball games, tennis, racing pins, potato racing, dumb bells, volley and the kindergarten are found in this very condensed playground.

The boys' gymnasium was opened on October 23, at 10 a. m. The gymnasium is well equipped with the necessary apparatus for a good gymnasium, together with a fine running track.

Work is being carried on in De Witt Clinton Park towards completing the playgrounds. A "large slide" and "sand box" have been erected on the girls' ground, and swings and pavilion are now in course of construction on the boys' ground.

During the year sheds have been placed over the swings and sand boxes in the following playgrounds:

Thomas Jefferson, John Jay, De Witt Clinton, Tompkins Square, Hamilton Fish, William H. Seward, Corlear's Hook and St. Gabriel's Parks.

Playgrounds were in operation in the following parks:

Thomas Jefferson Park, with two Playground Attendants and one Gymnasium Attendant.

East River Park, with two Playground Attendants.

John Jay Park, with one Playground Attendant and one Gymnasium Attendant.

De Witt Clinton Park, with one Playground Attendant and one Gymnasium Attendant.

St. Gabriel's Park, with two Playground Attendants and one Gymnasium Attendant.

Tompkins Square Park, with two Playground Attendants and two Gymnasium Attendants.

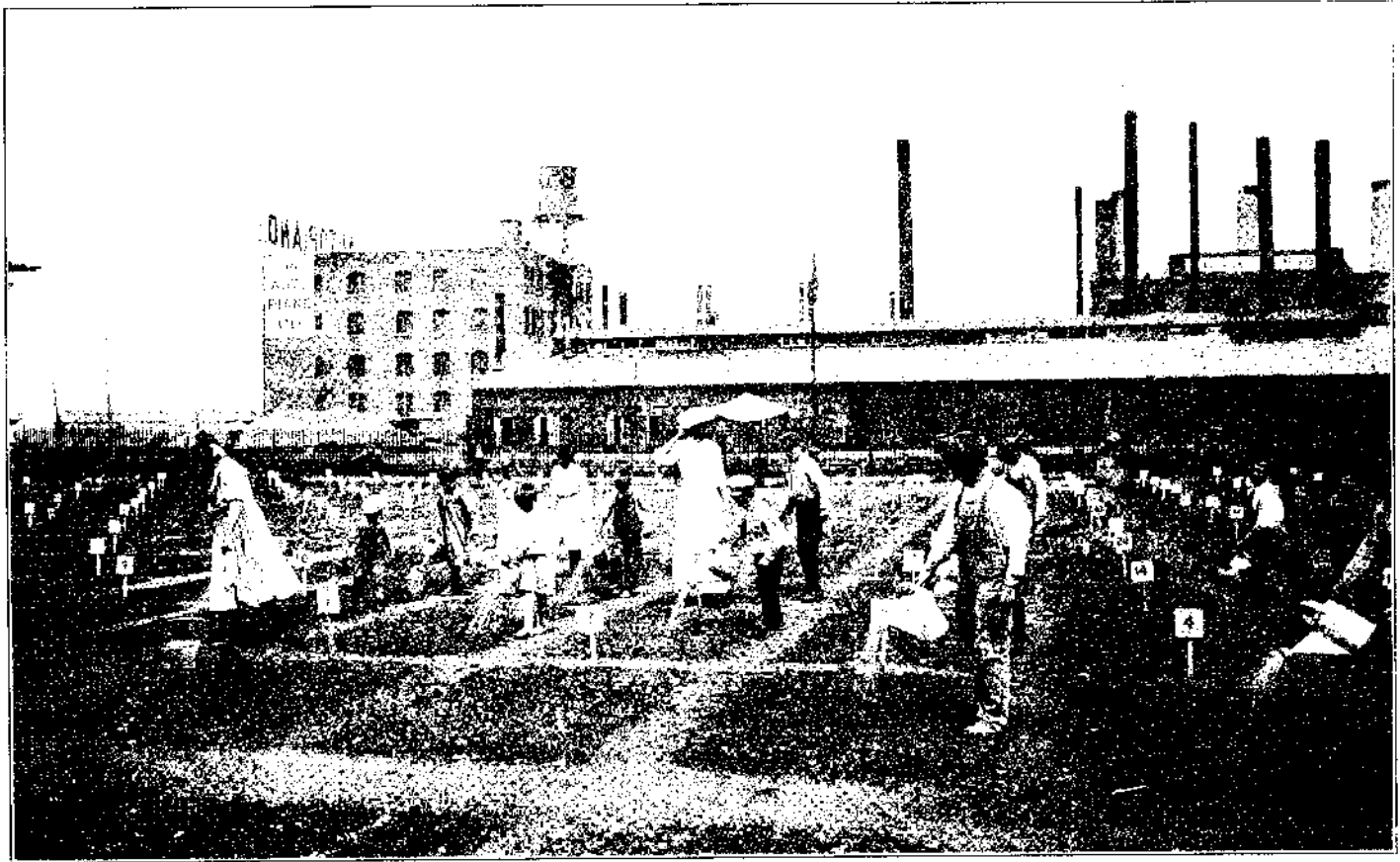
Hamilton Fish Park, with two Playground Attendants and two Gymnasium Attendants.

William H. Seward Park, with two Playground Attendants and two Gymnasium Attendants.

Corlear's Hook Park, with one Playground Attendant and one Gymnasium Attendant.

Hudson Park, with one Playground Attendant and one Gymnasium Attendant.

East Seventeenth Street Park, with one Playground Attendant.



FARM GARDEN, DEWITT CLINTON PARK.

Rules Governing Playgrounds and Gymnasias.

1. The raising of the flag will be public notice that the playgrounds and gymnasias are open. The Section Foreman will detail a Laborer to raise the flag at the established hour for opening the grounds, and lower it at the hour for closing. He will also detail a Laborer to set in place, before the hour for opening, all portable apparatus and to remove and store the same after the closing of the grounds.

2. The hours for opening and closing the playgrounds during the year shall be as follows, including Saturdays and holidays:

March, April and May. 9 a. m. to 6 p. m., tours of duty being from 9 a. m. to 5 p. m. (lunch 1 to 2); 10 a. m. to 6 p. m. (lunch 2 to 3).

June, July, August and September, 9 a. m. to 7 p. m., tours of duty being from 9 a. m. to 5 p. m. (lunch 1 to 2); 11 a. m. to 7 p. m. (lunch 2 to 3).

October, November, December, January and February. 10 a. m. to 5 p. m., tours of duty being from 10 a. m. to 5 p. m. (lunch 12 to 1 and 1 to 2).

3. Attendants must be ready for work at the hour set for opening and remain on duty, except during the lunch hour, until the hour for closing.

4. Attendants must not absent themselves without permission, previously obtained of the Foreman in charge of the park in which their playground is situated, or of the Superintendent of Parks.

5. In stormy weather the Attendants must report to the Section Foreman at the established hour for opening the grounds. If, in his judgment, the weather conditions are such as to render impracticable the use of the gymnasium or playground, he may dismiss the Attendants for the day, returning time for them as present. No time must be allowed, under any circumstances, to Attendants who fail to report as above.

6. The Section Foreman will be held responsible for all apparatus belonging to the gymnasias and playgrounds, and all supplies used in the conduct of the same. He shall keep a record, in a book provided for the purpose, of all such supplies received, the date of their receipt and the final disposition of the same.

7. All apparatus and supplies used in the conduct of the gymnasias or playgrounds must be cared for by the Attendants while in use, and must be turned over by them at the close of work to the Section Foreman. The Foreman may detail a Laborer to receive and store the same in his absence.

8. When repairs are required to the playground apparatus, appliances or fixtures, or supplies are needed in playgrounds south of Fifty-ninth street, the Attendant must notify the Section Foreman, who will immediately report the same to Assistant Superintendent of Parks. For playgrounds north of Fifty-ninth street, the report should be sent direct to the Superintendent of Parks.

9. At each playground a book shall be kept in which shall be entered a record of all accidents.

10. No public exhibition will be permitted without the consent and approval of the Commissioner of Parks, Boroughs of Manhattan and Richmond.

11. All other or previous rules in regard to government of playgrounds or gymnasias are hereby revoked.

CHILDREN'S SCHOOL FARM.

DeWitt Clinton Park, Fifty-second to Fifty-fourth Street and Eleventh Avenue.

(Area, 250 by 150 Feet.)

The location, area and general plan of the garden are the same as in 1905, a few minor changes having been made in its aspect. A summer house, accommodating about forty people, has been substituted for the flower bed which encircled the flagpole in the centre of the garden. The removal of the little farmhouse gave an additional space, making it possible to add about twenty individual plots.

The children understand that when the flag is raised in the spring, registration begins for those who may wish plots. The names are registered, and when everything is in readiness for planting, postal cards are sent out—100 at a time—on which is stamped the date and hour the child is to appear. This form is necessary, as all the planting must be done within the space of a week in order that the crops may come up uniformly.

Sample of Postal Card.

Come to Plant.

May 8, 1906.

Morning.

Upon the children presenting their postals, their name is checked in a book and a tag is given to the child on which is the number of a plot and the child's name, which may be considered as a permit for the use of a plot during the raising of one crop, faithfulness and good behavior. It is impressed upon them that no second tag is issued and the loss of the tag means the loss of the plot. Plots are also confiscated for neglect. The tag given to the children represents a permit to play a game of vegetables which may last a little longer than a game of tennis or ball, but there is opportunity for many to participate in it during the season.

Sample of Tag.

Children's School Farm.

DeWitt Clinton Park.

Plot No. 106.

Child's name and address are placed on the opposite side of tag.



THE START OFF, IN TOMPKINS SQUARE PARK.

Method of Planting.

The children are divided into groups of twenty-five, taken into the garden, where they stand around a plot while an object lesson is given in planting; at a signal they turn about face, each child finding the plot number corresponding to that on their tag, and each child goes through the process just observed. It takes just one hour for the object lesson, planting and watering of seeds for this group of twenty-five children, making allowance for the laggards. The rapidity with which these groups succeed each other depends upon the assistants and the prompt attendance of the children, usually two or three groups in the morning and the same in the afternoon. The planting attracts a large audience of either "old farmers" or those who hope to be farmers as well as adults.

Work Done by the Children.

The making and straightening of paths, cleaning of tools, painting and numbering of stakes, making of garden lines, making of labels, painting and mending watering cans, benches, raking and gathering up of rubbish at night, which is one of the most important features of the work.

Time of Planting.

If everything is auspicious, the first planting takes place early in May, and the first crop is harvested from July 13 to 20. The plots are respaded and possibly re-manured. The second set of farmers are registered and the first process is repeated. In this garden the children plant flower seeds, and have the right to pick the blossoms when they appear, learning from actual experience that if they are picked at random it will spoil the beauty of the garden.

Benefit to Convalescents—Crippled Children.

For the convalescent or crippled child the garden contains wonderful fascinations as well as recuperative powers.

The visits of the crippled children in parties of forty to sixty at a time have been most interesting.

Provision for Adults.

The summer house in the centre of the garden affords a delightful vantage point for parents and adults to enjoy the scene. By bringing these gardens into congested neighborhoods, thousands are benefited where but few can afford the luxury of a summer vacation.

Demonstration Hall.

The demonstration hall, with a seating capacity of 200, will fill many needs. At times when the garden is too wet, or too cold, or too hot, this hall affords shelter and shade where the children find a variety of amusements in experiments with seeds, in mounting butterflies they have caught, etc. The Agricultural Department at Washington and some of the factories in this City have been very kind in sending exhibits

showing the sequence of different products, from the seed to the manufactured article, samples of which are grown in the observation plots in the garden, such as hemp, cotton, flax, etc. The Natural History Museum has loaned from time to time exhibits of primitive agricultural implements, birds, butterflies and agricultural products.

The stereopticon lantern and slides afford an opportunity of answering one hundred children or more the many questions they ask as to the worm or insect found on their own plot, thus saving voice strain and time of the Attendant answering individual questions, and also making it possible to handle a large number of children with less assistants.

Tool Room.

The spacious and well equipped tool room greatly facilitates the work.

Value to Schools.

This building, especially the Demonstration Hall, enables the work to be of value to different classes from the schools through the winter.

District Superintendents have asked for lists of the books in the Nature Study Library, in order that they may encourage their Teachers to make use of it.

This is the first year that it has been possible to have the garden prepared in the fall for early spring planting. The Park Gardeners have planted 3,500 bulbs.

A conservative estimate of those using this particular garden, either by planting, caring for vegetables and otherwise, or by enjoying the beauties of the garden as observers, has been 3,000. No other three-quarters of an acre of ground has been so intensively used and given such pleasure as the Children's School Garden in DeWitt Clinton Park.

Experiments.

A flower pot was placed over one of the vegetables, flower pot being entirely closed. This vegetable died, which showed the children how necessary sunlight and air were to the plant.

A flower pot with a hole at the top was placed over a vegetable. This vegetable grew very tall until it found the light, showing that plants seek the light which they need.

Black paper was pinned on the leaf of a plant at just one place. When this was removed, the part of the leaf where it had been was darker than where the sun had struck the other part.

Children also made experiments in the sprouting of seeds, placing the seeds between blotting paper and planting them in sawdust.

Different kinds of soil placed in test tubes to show how water is absorbed and retained by subsurface irrigation and from surface irrigation.



HAMILTON FOUNTAIN, SEVENTY SIXTH STREET AND RIVERSIDE DRIVE.

Life History of Beet—Seed to full growth.

Life History of Onion—Seed to full growth.

Experiment in depth planting. Placing corn and beans in glass frame containing soil, at different depths, noting color and length of time for same to reach top of frame.

Visitors to the garden during the season of 1906 came from ninety-five cities of twenty-six states of the United States and from four foreign countries.

Total number of visitors 1,277

	Boys.	Girls.	Total.
Season had two halves—			
First half	289	253	
Second half	318	293	
	607	546	1,153

There were twenty-eight different schools represented by the little farmers. Thirteen schools sent visiting classes.

Adult classes came from Brooklyn Training School for Teachers, Columbia College, New York Training School for Teachers, New York University, School of Philanthropy.

The following vegetables, flowers, weeds, etc., were grown and made familiar to the "little farmers:"

Varieties of vegetables	25
Varieties of flowers	27
Common weeds	11
Varieties of fruits	3
Varieties of grains	6
Variety of nut	1
Total	73

First Crop, 1906—Yield of Four Hundred and Sixty-four Plots, from May 8 to July 13, 1906.

	Total.	Average Per Plot.
Radishes	74,704	161
Beets	12,064	26
Beans	35,264	76
Carrots	18,360	40
Lettuce	4,176	9
Onions	25,520	35
	<u> </u>	<u> </u>
Number of boys		289
Number of girls		253
		<u> </u>
Total		542
		<u> </u>
Transfers for various reasons		78
		<u> </u>

First set of children harvested their crops from July 13 to 20.

Plots were respaded and remanured by the children so far as their strength permitted from July 21 to 23.

Second set of children planted from July 23 to 28.

Second Crop, 1906—Yield of Four Hundred and Sixty-four Plots, from July 23 to October 1, 1906.

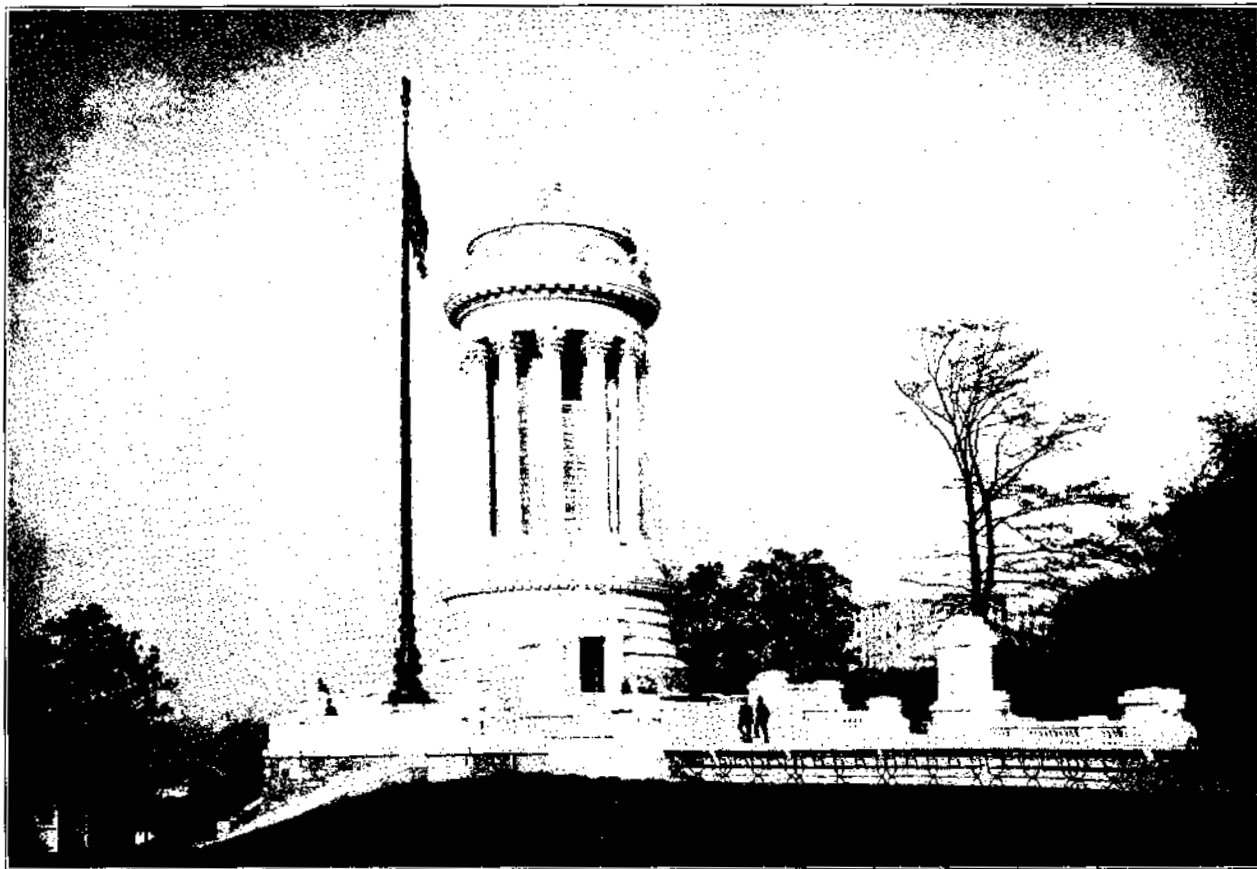
	Total.	Average Per Plot.
Radishes	46,400	100
Beets	6,960	15
Beet tops, quarts	464	1
Beans, quarts	464	1
Turnips	5,568	12
Turnip tops, quarts.....	928	2
Lettuce	3,712	8
	<u> </u>	<u> </u>

Corn—One stalk per plot, averaging two ears each, but not satisfactory for eating, only useful for nature study.

Number of boys	318
Number of girls	293
	<u> </u>
Total	611
	<u> </u>
Transfers for various reasons.....	147
	<u> </u>

Second set of children harvested their crops from October 1 to 6.

Children respaded their plots, October 8-13.



SOLDIERS AND SAILORS' MONUMENT, RIVERSIDE PARK.

Whole Season, 1906—Yield from May 8 to October 1, 1906.

	First Crop.	Second Crop.	Total.
Four hundred and sixty-four plots gave average per plot of--			
Radishes	161	100	261
Beets	26	15	41
Beet tops, quart .....	..	1	1
Beans, quart	0.76	1	1.76
Turnips .....	..	12	12
Turnip tops, quarts .....	..	2	2
Lettuce	9	8	17
Carrots	40	..	40
Onions	35	..	35
<hr/>			
Number of boys			607
Number of girls			546
			<hr/>
Total number of farmers.....			1,153
			<hr/>
Transfers for various reasons.....			225
			<hr/>

Transfers for season amounted to 20 per cent.

The daily attendance averaged 50 per cent.

The majority of the children came every other day, and the average of attendance every two days was 75 per cent.

Causes of Absence Which Led to Transfer of Two Hundred and Twenty-five Plots.

Sickness, lost tag, country, careless, lack of interest, going to work, moving away.

Number of schools represented in the garden, 28, public, parochial, children's aid, high school.

Observation plots contained the following:

Vegetables—Salamander lettuce, kohlrabi, okra, squash (Hubbard and Crook-neck), cucumbers, egg plant, cabbage, Swiss chard, chicory, cauliflower, field peas, Brussels sprouts, kale, tomato, potato, pepper.

Flowers—Portulaca, sun flower, sweet alyssum, cockscomb, geranium, canna, begonia, colia, stock, phlox, balsam, petunia, nasturtium, marigold, rosemary, daisy, sweet lavender, sweet marjoram, morning glory, alternathera, bachelor button, corn flower, palms, coreopsis, lady slipper, cosmos, zinnia.

Weeds—Mustard, bind weed, galinsoga, jimson, rag weed, pig weed, thistle, burdock, wild portulaca, wild carrot, smartweed.

Vegetables Grown in Children's Plots—Radish, beans, beets, carrots, turnips (second half of season), onions, lettuce, corn.

Other Fruits, Grains, Vegetables, etc., Grown—Musk melon, pumpkin, watermelon, peanuts, buckwheat, barley, durum, wheat, macaroni, oats, rye, hemp, strawberries.

Concerts.

During the summer, band concerts were given in the following parks, and were largely attended:

Central Park	30
Mount Morris Park	12
Morningside Park	12
East River Park	12
Madison Square Park	12
Tompkins Square Park	12
Washington Square Park	12
Abingdon Square Park	12
Hudson Park	12
Hamilton Fish Park	12
William H. Seward Park	12
Corlears Hook Park	12
Mulberry Bend Park	12
Battery Park	12
Park at Port Richmond.....	6
Park at Stapleton	6

Games, Picnics, etc.

In May the lawns were opened for children's picnic parties and games, 218,067 children enjoying the use of the lawns under the usual permit of this Department.

On the North meadow, 150 lawn tennis courts were marked out, and 50 on the South meadow, all kept in daily operation. For lawn tennis, 2,486 permits were issued, and 352 for croquet.

The long grass was cut and removed from the coves and bays along the shore of the Harlem meer, 155 loads of refuse being taken out. The roots of grass which interfered with the use of boats were removed from the bottom of the Conservatory lake; 1,450 loads of refuse were removed during the summer from Central Park to the dumps of the Street Cleaning Department.



WORTH MONUMENT.

Harlem River Driveway.

Routine work consisted of keeping the driveway in good order and taking care of lawns, walks, gutters, etc. During the spring the approach to the driveway was recovered with crushed bluestone screenings, amounting to 1,000 yards. The grand stand, steps, etc., adjacent to the Road Drivers' Club House, were repaired, and the flower beds around the club house replenished. On the back road leading from One Hundred and Seventy-fifth street and Amsterdam avenue to the driveway, 400 loads of steam ashes were hauled and spread, which did not cost anything, except wages for labor.

Statement, Appropriation Account.

The following statement shows the expenditures made from the several appropriations for maintaining the parks, and the balances remaining at the close of the year, December 31, 1906:

Titles of Appropriations.	Amount of Appropriation.	Payments.	Amount of Unexpended Balances.
Salaries of Commissioners, Secretary and Employees of the Park Board.....	\$27,800 00	\$27,799 92	\$0 08
Boroughs of Manhattan and Richmond.			
Administration	36,720 00	34,067 09	2,652 91
Labor, Maintenance, Supplies, Preservation of Stone Work and Care of Trees.....	564,822 50	.....	.....
Supplies	\$171,338 60	.....	.....
Payrolls	391,200 82	592,539 42	2,283 08
Zoological Department.....	30,500 00	.....	.....
Supplies	\$13,652 29	.....	.....
Payrolls	16,649 90	30,392 19	107 81
Maintenance of Museums:			
American Museum of Natural History.....	170,000 00	170,000 00	.....
Metropolitan Museum of Art.....	150,000 00	150,000 00	.....
Music	28,700 00	28,243 00	457 00
Supplies and Contingencies.....	2,500 00	1,907 06	592 94
Surveys, Maps and Plans.....	2,000 00	2,000 00	.....
Aquarium (New York Zoological Society).....	45,000 00	44,811 18	188 82
Ambulance Service, Central Park.....	1,200 00	1,199 92	07
Care of Grant's Tomb.....	5,000 00	4,936 55	63 45
Harlem River Driveway.....	18,660 00	18,571 36	88 64
Maintenance of Playgrounds, Kindergartens, Bath-houses and Comfort Stations in the Parks.....	70,714 00	70,487 67	226 33
Children's School Farm (De Witt Clinton Park)....	5,000 00	4,628 77	371 23
Revenue Bond Fund, for Department of Parks, Boroughs of Manhattan and Richmond; Maintenance of Parks, Parkways, Drives, Playgrounds, etc.; Deficiency in Appropriation, 1906.....	150,000 00	149,698 06	301 94

Cash to the amount of \$41,500.49, received from privileges and various sources during the year, was deposited with the City Chamberlain.

Statement, Bond Accounts.

The expenditures made from the special funds or appropriations provided by the issue of Corporate Stock have been as follows for the year ending December 31, 1906:

Riverside Park and Drive, Completion of Construction of a Viaduct Over We. Ninety-sixth Street.....	\$973 53
East River Park, Improvement of Extension.....	4,441 41
New York Public Library Fund.....	989,514 22
Revenue Bond Fund for Claims, Aquarium.....	3,468 50
Construction and Improvement of Small Parks in the Borough of Man- hattan, to wit: John Jay Park, De Witt Clinton Park, Thomas Jef- ferson Park, and the Park at Thirty-fifth Street and First Avenue..	68,710 27
Improvement of Parks, Parkways and Drives, Boroughs of Manhattan and Richmond	42,537 32
Aquarium Building in Battery Park, Improvement of, Borough of Man- hattan	16,664 60
Improvement of Parks, Parkways and Drives, Boroughs of Manhattan and Richmond, Restoration and Improvement of Jumel Mansion and Grounds	9,032 32
Cathedral Parkway, Between Fifth and Seventh Avenues, Borough of Manhattan, Widening and Improvement of.....	17,768 43
Cathedral Parkway, Improvement and Completion of (Chapter 45, Laws 1894)	57 72
Construction of a Comfort Station in Madison Square Park, Borough of Manhattan	81 11
Repaving with Asphalt, etc., Eighty-sixth Street, from Central Park West to Riverside Drive.....	11 27
Widening the Roadway of Fifty-ninth Street, Between Fifth and Eighth Avenues	750 59
Improvement and Construction of Parks, Parkways, Playgrounds, Boule- vards and Driveways, Boroughs of Manhattan and Richmond.....	96,692 75
Improvement and Construction of Parks, Parkways, Playgrounds, Boule- vards and Driveways, Boroughs of Manhattan and Richmond, St. Nicholas Park	42,206 45
Improvement and Construction of Parks, Parkways, Playgrounds, Boule- vards and Driveways, Boroughs of Manhattan and Richmond. Con- struction of repair yard, storage sheds, manure pits and refuse incin- erating plant in the North Meadow, Central Park.....	2,070 45
Improvement and Construction of Parks, Parkways, Playgrounds, Boule- vards and Driveways, Boroughs of Manhattan and Richmond. Con- struction and improvement of St. Nicholas Park, between One Hun- dred and Thirtieth and One Hundred and Thirty-fifth streets.....	2,240 19



THE FINISH, TOMPKINS SQUARE PARK.

Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Installation of an improved water supply for the Harlem River driveway	1,962 14
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Construction of the northerly portion of John Jay Park, lying north of East Seventy-seventh street, and the further improvement of the southerly section of said park, lying below East Seventy-seventh street	2,368 26
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Improving the drainage system of Central Park, on the west side, between Ninetieth and Ninety-fifth streets, and on the drives and lands adjacent thereto	0,204 72
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Extension of high pressure water supply and irrigation system in Central Park	3,141 20
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Construction of additional greenhouses in Central Park for use in propagation of plants, shrubs, etc.	102 69
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Construction of new concrete and asphalt gutters on the driveways and bridle roads of Central Park.	3,509 65
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Construction of Colonial Park.	2,451 75
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond. Concreting bottom and sides, Central Park lakes, and filling in where depth is too great.	234 16

Contracts Executed

No.	Date.	Contractor.
1523	Jan. 4, 1906	The Bracken-McAveney Company, No. 83 North Elliott place, Brooklyn..
1524	Jan. 6, 1906	Frank J. Lennon Company, Nos. 143 and 145 East Thirty-first street....
1525	Jan. 8, 1906	Metropolitan Hotel Supply Company, No. 432 West Fourteenth street...
1526	Jan. 10, 1906	John H. Meyer, No. 18 Beckman place.....
1527	Jan. 12, 1906	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn
1528	Jan. 12, 1906	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn
1529	Jan. 12, 1906	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn
1530	Jan. 12, 1906	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn
1531	Jan. 22, 1906	Olin J. Stephens, No. 444 East One Hundred and Thirty-eighth street...
1532	Jan. 23, 1906	F. Donovan & Son, No. 540 Union street, Brooklyn.....
1533	Jan. 26, 1906	George N. Reinhardt, No. 697 East One Hundred and Sixty-second street.
1534	Jan. 20, 1906	Frederick W. H. Nelson, No. 502 Hamilton avenue, Brooklyn.....
1535	Feb. 8, 1906	Strauss Bros., Flatbush and Fifth avenues.....
1536	Feb. 10, 1906	John P. Kane Company, No. 287 Fourth avenue.....
1537	Feb. 15, 1906	David E. Kennedy, No. 156 Fifth avenue.....
1538	Feb. 16, 1906	C. LeMoyné Weeks, No. 71 West One Hundred and Fourth street.....
1539	Feb. 16, 1906	Springstead & Adamson, No. 424 East One Hundred and Seventh street..
1540	Feb. 14, 1906	Wm. H. Wright & Son., Inc., No. 2668 Briggs avenue, The Bronx.....
1541	Feb. 20, 1906	Cavanagh Bros. & Co., No. 104 Reade street.....
1542	Feb. 16, 1906	Thos. C. Dunham, Inc., No. 68 Murray street.....
1543	Feb. 20, 1906	George H. Storm & Co., No. 530 East Seventy-second street.....
1545	Feb. 21, 1906	P. J. Langler, No. 91 Grand avenue, Brooklyn.....
1544	Feb. 21, 1906	P. J. Langler, No. 91 Grand avenue, Brooklyn.....
1546	Feb. 27, 1906	The Lead-Lined Iron Pipe Company, Wakefield, Mass.....
1547	Mar. 1, 1906	Cavanagh Bros. & Co., No. 104 Reade street.....
1548	Mar. 1, 1906	Cavanagh Bros. & Co., No. 104 Reade street.....
1549	Feb. 28, 1906	Arthur C. Jacobson & Sons, Nos. 81 to 87 Bridge street, Brooklyn.....
1550	Feb. 28, 1906	John W. Buckley, No. 69 Warren street.....
1551	Mar. 1, 1906	Manhattan Supply Company, No. 129 Franklin street.....
1552	Feb. 28, 1906	Ruwe Bros., No. 765 Atlantic avenue, Brooklyn.....
1553	Mar. 2, 1906	Thos. C. Dunham, Inc., No. 68 Murray street.....
1554	Mar. 5, 1906	Frank J. Fee, Nos. 409 and 411 West Thirty-second street.....
1555	Mar. 7, 1906	F. N. DuBois & Co., No. 247 Ninth avenue.....
1556	Mar. 8, 1906	F. J. P. Tommins Company, No. 117 Chambers street.....
1557	Mar. 8, 1906	S. W. Cornell, No. 121 Court street.....

During the Year 1906.

Contract.	Amount.	Sureties.
Top soil in various parks in the Borough of Queens.....	\$1,961 00	The Metropolitan Surety Company.
Forage for parks, Borough of Manhattan.....	9,578 15	The Metropolitan Surety Company.
Beef for Central Park Menagerie, Borough of Manhattan.....	1,737 45	The Metropolitan Surety Company.
Coal for parks, Borough of Manhattan.....	10,112 00	National Surety Company.
Top soil for Seaside Park and Ocean parkway, Borough of Brooklyn....	3,250 00	People's Surety Company of New York.
Top soil for Prospect Park, Borough of Brooklyn.....	3,250 00	People's Surety Company of New York.
Top soil for Fort Greene and City parks, Borough of Brooklyn.....	1,380 00	People's Surety Company of New York.
Top soil for Red Hook and Carroll Parks, Borough of Brooklyn.....	1,656 00	People's Surety Company of New York.
Coal for parks, Borough of The Bronx.....	650 00	The Title Guaranty and Surety Company.
Forage for parks, Borough of Brooklyn.....	6,039 60	American Bonding Company of Baltimore.
Hay for parks, Borough of The Bronx.....	450 00	The Title Guaranty and Surety Company.
Coal for parks, Boroughs of Brooklyn and Queens.....	9,984 00	American Bonding Company of Baltimore.
Beef and fish for Prospect Park Menagerie, Borough of Brooklyn..	.....	The Metropolitan Surety Company.
Masons' supplies, Borough of Manhattan.....	4,186 10	United States Fidelity and Guaranty Company.
Underground cables, electric wiring, etc., New York Zoological Park, Borough of The Bronx.....	1,999 00	United States Fidelity and Guaranty Company.
Plumbing work, Jumel Mansion, Borough of Manhattan.....	94 00	United States Fidelity and Guaranty Company.
Mason, carpenter work and steam heating, Jumel Mansion, Borough of Manhattan.....	4,307 00	National Surety Company.
Decorating Jumel Mansion, Borough of Manhattan.....	1,360 00	The Title Guaranty and Surety Company.
Plumbers' supplies, Borough of Manhattan.....	1,494 77	The Title Guaranty and Surety Company.
Painters' supplies, Borough of Manhattan.....	3,809 96	The Metropolitan Surety Company.
Lumber for parks, Borough of Manhattan.....	17,191 90	United States Fidelity and Guaranty Company.
Wheelwrights' supplies, Borough of Manhattan.....	298 50	The Metropolitan Surety Company.
Machinists and Blacksmiths' supplies, Borough of Manhattan.....	2,616 72	The Metropolitan Surety Company.
Lead-lined pipe for Aquarium, Borough of Manhattan.....	5,995 00	United States Fidelity and Guaranty Company.
Tools and implements, Boroughs of Brooklyn and Queens.....	3,312 01	The Title Guaranty and Surety Company.
Blacksmith supplies, Boroughs of Brooklyn and Queens.....	4,409 94	The Title Guaranty and Surety Company.
Lumber, Boroughs of Brooklyn and Queens.....	9,901 49	National Surety Company.
Rubber goods, Boroughs of Brooklyn and Queens.....	1,283 43	National Surety Company.
Tools and hardware, Borough of Manhattan.....	6,145 67	National Surety Company.
Wheelwrights' materials, Boroughs of Brooklyn and Queens.....	1,623 82	American Surety Company.
Painters' supplies, Boroughs of Brooklyn and Queens.....	3,287 78	United States Fidelity and Guaranty Company.
Plumbing on addition to Metropolitan Museum of Art, Borough of Manhattan.....	3,979 00	People's Surety Company of New York.
Plumbing supplies, Borough of Brooklyn.....	2,934 13	American Surety Company of New York.
Oils, Boroughs of Brooklyn and Queens.....	1,669 00	American Bonding Company of Baltimore.
Hardware, Boroughs of Brooklyn and Queens.....	1,583 28	American Bonding Company of Baltimore.

No.	Date.	Contractor.
1558	Mar. 8, 1906	Brown & Fleming Contracting Company, No. 129 Broad street.....
1559	Mar. 9, 1906	Olin J. Stephens, No. 114 West One Hundred and Thirty-eighth street...
1560	Mar. 12, 1906	Charles L. Doran, No. 1015 Walton avenue, The Bronx.....
1561	Mar. 12, 1906	Charles L. Doran, No. 1015 Walton avenue, The Bronx.....
1562	Mar. 14, 1906	E. J. Willis Company, No. 8 Park place.....
1563	Mar. 17, 1906	Manhattan Supply Company, No. 127 Franklin street.....
1564	Mar. 16, 1906	Huckley Realty Construction Company, Times Building, Broadway and Forty-second street
1565	Mar. 13, 1906	Atlantic Basin Iron Works, Imlay and Summit streets, Brooklyn.....
1566	Mar. 22, 1906	Fiss, Doerr & Carroll Horse Company, No. 147 East Twenty-fourth street.
1567	Apr. 5, 1906	Guidone & Galardi, No. 1 Madison avenue.....
1568	Apr. 4, 1906	Fiss, Doerr & Carroll Horse Company, No. 147 East Twenty-fourth street.
1569	Jan. 1, 1906	New York Telephone Company.....
1570	Apr. 7, 1906	Church E. Gates & Co., One Hundred and Thirty-eighth street and Fourth avenue
1571	Apr. 9, 1906	Harry Harper, No. 2698 Third avenue.....
1572	Apr. 13, 1906	Manhattan Supply Company, No. 127 Franklin street.....
1573	Apr. 26, 1906	J. M. Thorburn & Co., No. 36 Cortlandt street.....
1574	Apr. 26, 1906	American Lumber Company, First avenue and Twenty-eighth street.....
1575	Apr. 26, 1906	Walter L. Castle, No. 2257 Bedford avenue, Brooklyn.....
1576	May 1, 1906	Charles L. Doran, No. 1015 Walton avenue, The Bronx.....
1577	May 1, 1906	Charles L. Doran, No. 1015 Walton avenue, The Bronx.....
1578	May 9, 1906	Sicilian Asphalt Paving Company, No. 41 Park row.....
1579	May 10, 1906	Clinton Point Stone Company, No. 170 Broadway.....
1580	May 14, 1906	George N. Reinhardt, No. 697 East One Hundred and Sixty-second street.
1581	May 21, 1906	Hugh Thomas Company, No. 340 East Sixty-fourth street.....
1582	May 21, 1906	Manhattan Supply Company, No. 129 Franklin street.....
1583	May 21, 1906	Isaac Harris Company, No. 485 Flatbush avenue, Brooklyn.....
1584	May 24, 1906	Guidone & Galardi, No. 1 Madison avenue.....
1585	May, 1906	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn
1586	May, 1906	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn
1587	May 26, 1906	A. G. Spalding & Bros., Inc., No. 126 Nassau street.....
1588	June 7, 1906	Jacob E. Conklin, No. 135 Front street.....

Contract.	Amount.	Sureties.
Gravel for drives and bridle paths, Borough of Manhattan.....	30,750 00	National Surety Company.
Coal, Borough of The Bronx.....	1,240 00	The Title Guaranty and Surety Company.
Grass sod, Borough of Manhattan....	9,000 00	The Title Guaranty and Surety Company.
Mold, Borough of Manhattan.....	21,600 00	The Title Guaranty and Surety Company.
Auto supplies, Borough of Brooklyn.	1,373 97	The Title Guaranty and Surety Company.
Rubber hose, Borough of Manhattan.	1,840 00	Empire State Surety Company.
Addition to Metropolitan Museum of Art, Borough of Manhattan.....	345,000 00	People's Surety Company of New York and the Title Guaranty and Surety Company.
Repairs to road rollers, Boroughs of Brooklyn and Queens.....	1,589 00	American Surety Company.
Horses, Borough of Manhattan.....	2,900 00	United States Fidelity and Guaranty Company.
Boathouse, Bronx Park.....	34,235 00	The Metropolitan Surety Company.
Five horses, Borough of Brooklyn...	1,600 00	United States Fidelity and Guaranty Company.
Telephone service, Borough of Manhattan.....	1,800 00	United States Fidelity and Guaranty Company.
Lumber, Borough of The Bronx.....	3,346 22	The Title Guaranty and Surety Company.
Paint and oils, Borough of The Bronx	750 02	American Surety Company.
Masons' material on Prospect and Forest Parks, Boroughs of Brooklyn and Queens.....	3,273 00	The Empire State Surety Company.
Grass seed, Boroughs of Brooklyn and Queens.....	641 85	American Surety Company.
Lumber, American Museum of Natural History, Borough of Manhattan	2,381 00	American Surety Company.
Cement walks, Prospect Park West, between Fifth and Fifteenth streets, Borough of Brooklyn.....	4,308 12	The Metropolitan Surety Company.
Grass sod, Boroughs of Brooklyn and Queens.....	3,364 00	The Title Guaranty and Surety Company.
Horse manure, Borough of Manhattan.....	7,000 00	The Title Guaranty and Surety Company.
Improvement of triangular plot at One Hundred and Fiftieth street and St. Nicholas place, Borough of Manhattan.....	3,030 00	The Title Guaranty and Surety Company.
Broken stone and trap-rock screenings, Borough of The Bronx.....	10,740 00	United States Fidelity and Guaranty Company.
Forage, Borough of The Bronx....	1,750 50	The Title Guaranty and Surety Company.
Screenings, Harlem River driveway, Borough of Manhattan.....	1,750 00	United States Fidelity and Guaranty Company.
Hardware, Borough of The Bronx...	1,016 29	Empire State Surety Company.
Gravel, Boroughs of Brooklyn and Queens.....	21,431 24	The Metropolitan Surety Company.
New wing, American Museum of Natural History, Borough of Manhattan.....	325,000 00	The Metropolitan Surety Company and the Title Guaranty and Surety Company.
Limestone screenings, Boroughs of Brooklyn and Queens.....	3,174 00	Peoples' Surety Company of New York.
Mold, Prospect Park, Borough of Brooklyn.....	22,800 00	Peoples' Surety Company of New York.
Gymnasium, St. Gabriel's Park, Borough of Manhattan.....	2,500 00	National Surety Company.
Trap-rock and screenings, Boroughs of Brooklyn and Queens.....	20,398 00	American Surety Company of New York.

No.	Date.	Contractor.
1589	June 21, 1906	Jacob E. Conklin, No. 135 Front street.....
1590	July 10, 1906	Frank J. Lennon Company, No. 143 East Thirty-first street.....
1591	July 6, 1906	Uvalde Asphalt Paving Company, No. 1 Broadway.....
1592	July 12, 1906	Church Construction Company, No. 949 Broadway.....
1593	July 10, 1906	Merritt & Co., No. 1024 Ridge avenue, Philadelphia.....
1594	July 10, 1906	Merritt & Co., No. 1024 Ridge avenue, Philadelphia.....
1595	July 25, 1906	Sterling Bronze Company, No. 107 West Twenty-fifth street.....
1596	July 20, 1906	Burns Bros., No. 26 Cortlandt street.....
1597	July 26, 1906	Murphy Bros., Cropsey and Twenty-fifth avenues, Brooklyn.....
1598	Aug. 3, 1906	F. N. DuBois & Co.....
1599	Aug. 8, 1906	Leslie McHarg & Co.....
1600	Aug. 8, 1906	Sicilian Asphalt Paving Company, No. 41 Park row.....
1601	Aug. 22, 1906	Murphy Bros., Cropsey and Twenty-fifth avenues, Brooklyn.....
1602	Aug. 23, 1906	Charles Cranford, Foster avenue and East Sixteenth street, Brooklyn....
1603	Aug. 27, 1906	Olin J. Stephens, No. 444 East One Hundred and Thirty-eighth street...
1604	Aug. 27, 1906	John B. Malatesta, No. 3170 Jerome avenue.....
1605	Aug. 23, 1906	The Barber Asphalt Paving Company, No. 114 Liberty street.....
1606	Aug. 30, 1906	Asphalt Construction Company, One Hundred and Thirty-seventh street and Madison avenue.....
1607	Sept. 5, 1906	Wm. N. Kenyon, No. 216 Berkeley place, Brooklyn.....
1608	Sept. 4, 1906	Brooklyn Alcatraz Asphalt Company, No. 407 Hamilton avenue, Brooklyn.
1609	Sept. 4, 1906	Brooklyn Alcatraz Asphalt Company, No. 407 Hamilton avenue, Brooklyn.
1610	Sept. 4, 1906	Brooklyn Alcatraz Asphalt Company, No. 407 Hamilton avenue, Brooklyn.
1611	Sept. 4, 1906	Brooklyn Alcatraz Asphalt Company, No. 407 Hamilton avenue, Brooklyn.

Contract.	Amount.	Sureties.
Trap-rock and screenings, Borough of The Bronx.....	2,256 00	American Surety Company of New York.
Forage, Borough of Manhattan.....	13,472 20	The Metropolitan Surety Company.
Repairs to roadways, Borough of Manhattan	11,392 50	The Title Guaranty and Surety Company and National Surety Company.
Approaches to boat house, etc., Prospect Park, Borough of Brooklyn..	30,637 00	Peoples' Surety Company of New York and National Surety Company.
Lockers, golf house, Forest Park....	2,600 00	United States Fidelity and Guaranty Company.
Lockers, athletic house, Parade Ground, Prospect Park, Borough of Brooklyn	4,848 00	United States Fidelity and Guaranty Company.
Lighting fixtures and railing, Brooklyn Institute of Arts and Sciences, Borough of Brooklyn.....	4,750 00	United States Fidelity and Guaranty Company.
Coal, Borough of Manhattan.....	8,139 20	American Surety Company of New York.
Pipe sewer, Ocean parkway, between Kings highway and Avenue U, Borough of Brooklyn.....	5,183 00	National Surety Company.
Wrought iron pipe, Borough of The Bronx	654 35	The Metropolitan Surety Company.
Terrace wall and three flights of steps for plaza at Boston road and One Hundred and Eighty-second street, Borough of The Bronx.....	4,770 00	The Title Guaranty and Surety Company.
Walk pavement of Portland cement mortar at East River Park, Borough of Manhattan.....	3,510 50	The Title Guaranty and Surety Company.
North side of Concourse Coney Island, between West Fifth street and Ocean parkway, Borough of Brooklyn	4,050 00	The Metropolitan Surety Company.
Grade with top soil planting spaces on Prospect Park West, between Fifth and Fifteenth streets, Borough of Brooklyn.....	2,226 00	People's Surety Company of New York.
White ash coal, Borough of The Bronx	1,875 00	The Title Guaranty and Surety Company.
Completion and improvement, Moshota parkway, Borough of The Bronx	46,075 00	The Title Guaranty and Surety Company and National Surety Company.
Steam road rollers, Borough of The Bronx	2,789 00	United States Fidelity and Guaranty Company.
Asphalt walks, St. Mary's Park, Borough of The Bronx.....	12,500 00	United States Fidelity and Guaranty Company.
Cement, Boroughs of Brooklyn and Queens	396 00	The Metropolitan Surety Company.
Paving Glenmore avenue, from Doscher to Stone street, Borough of Brooklyn	38,102 60	The Metropolitan Surety Company and Peoples' Surety Company of New York.
Paving Pennsylvania avenue, from Jamaica to Sutter avenue, Borough of Brooklyn	24,688 60	The Metropolitan Surety Company and Peoples' Surety Company of New York.
Paving McLoughlin Park, between Bridge and Jay streets, Borough of Brooklyn	2,060 00	The Metropolitan Surety Company and Peoples' Surety Company of New York.
Paving traffic roads, Eastern parkway, from Prospect Park plaza to Ralph avenue, Borough of Brooklyn	160,838 66	The Metropolitan Surety Company and Peoples' Surety Company of New York.

No.	Date.	Contractor.
1612	Sept. 5, 1906	Frank G. Blanchard, No. 222 East Seventeenth street, Brooklyn.....
1613	Sept. 11, 1906	Atlantic Hotel Supply Company, No. 676 Hudson street.....
1614	Sept. 7, 1906	Schoverling, Daly & Gales, No. 302 Broadway.....
1615	Sept. 11, 1906	John Fox & Co., No. 253 Broadway.....
1616	Sept. 14, 1906	Frank E. Gore, Broadway, New York.....
1617	Sept. 19, 1906	Watson Contracting Company, No. 340 Fordham road.....
1618	Sept. 20, 1906	Peter Kieran, No. 15 East Two Hundred and Eighteenth street.....
1619	Sept. 28, 1906	John Simmons Company, No. 110 Centre street.....
1620	Sept. 26, 1906	John V. Schaefer, Jr., & Co., No. 9 East Fifty-ninth street.....
1621	Oct. 8, 1906	A. B. See Electric Elevator Company, No. 220 Broadway.....
1622	Oct. 10, 1906	Charles Cranford, Foster avenue and East Sixteenth street, Brooklyn...
1623	Oct. 10, 1906	Charles L. Doran, No. 1015 Walton avenue, The Bronx.....
1624	Oct. 12, 1906	George F. Driscoll, No. 391 Fulton street, Brooklyn.....
1625	Oct. 12, 1906	John V. Schaefer, Jr., & Co., No. 9 East Fifty-ninth street.....
1626	Oct. 13, 1906	John A. Scollay Estate, Nos. 74 and 76 Myrtle avenue, Brooklyn.....
1627	Oct. 17, 1906	Charles Cranford, Foster avenue and East Sixteenth street, Brooklyn....
1628	Oct. 22, 1906	Edward D. Murphy, No. 788 Morris avenue, The Bronx.....
1629	Oct. 16, 1906	The Eagle Iron Works, No. 850 DeKalb avenue, Brooklyn.....
1630	Oct. 19, 1906	Cooper & Evans Company, No. 220 Broadway.....
1631	Oct. 26, 1906	John Spence, Jr., No. 54 Lawrence street.....
1632	Nov. 2, 1906	D. D. Leahy, Southern Boulevard, near Horne street.....
1633	Nov. 10, 1906	Daniel J. Ryan, No. 723 Third avenue, Brooklyn.....
1634	Nov. 17, 1906	Isaac Harris Company, No. 485 Flatbush avenue, Brooklyn.....
1635	Nov. 23, 1906	Harry Sowden, No. 1986 Anthony avenue.....
1636	Nov. 23, 1906	Thomas J. Buckley Construction Company, No. 408 Tenth avenue.....
1637	Nov. 26, 1906	Benisch Bros., No. 895 Jamaica avenue, Brooklyn.....
1638	Nov. 30, 1906	Pierson U-Bar Company, No. 1 Madison avenue.....
1639	Dec. 4, 1906	Atlanta Contracting Company, No. 434 East Ninety-first street.....
1640	Jan. 2, 1906	McKim, Mead & White, No. 160 Fifth avenue.....
1641	Dec. 11, 1906	Builders' Trucking and Material Company, Bedford avenue and Degraw street, Brooklyn

Contract.	Amount.	Sureties.
Wire and light, Soldiers and Sailors' Arch, Borough of Brooklyn.....	782 00	People's Surety Company of New York.
Fresh beef, Central Park Menagerie, Borough of Manhattan.....	1,632 03	Aetna Indemnity Company.
Playground and gymnasium supplies, Borough of Manhattan.....	1,479 00	The Metropolitan Surety Company.
1,000 wire tree guards, Borough of The Bronx.....	700 00	United States Fidelity and Guaranty Company.
Lighting fixtures, Parade Ground Building, Borough of Brooklyn....	1,250 00	People's Surety Company of New York.
Trap-rock screenings and broken stone, Borough of The Bronx.....	12,900 00	The Title Guaranty and Surety Company.
Athletes' Lodge, Pelham Bay Park, Borough of The Bronx.....	9,121 00	People's Surety Company of New York.
Two-pine iron fence for small parks, Borough of The Bronx.....	4,740 00	The Title Guaranty and Surety Company.
Concourse and approaches to Baird court, New York Zoological Park, Borough of The Bronx.....	.....	The Title Guaranty and Surety Company and National Surety Company.
Freight elevator equipment, south wing, Metropolitan Museum of Art, Constructing McLoughlin Park, Borough of Brooklyn.....	2,725 00	People's Surety Company of New York.
1,800 yards of mold, Van Cortlandt Park, Borough of The Bronx.....	30,318 80	People's Surety Company of New York.
Shelter house, Prospect Park, Borough of Brooklyn.....	2,160 00	The Title Guaranty and Surety Company.
Concourse entrance to New York Zoological Park, Borough of The Bronx.....	11,900 00	People's Surety Company of New York.
Hot water heating apparatus in green houses, Forest Park, Borough of Queens.....	22,108 00	National Surety Company.
Grade and inclose entrance to Willink Entrance, Prospect Park, Borough of Brooklyn.....	1,886 00	The Metropolitan Surety Company.
Forage, Borough of The Bronx.....	5,087 50	People's Surety Company of New York.
	844 00	Patrick Keenan and Louis Lumb.
Picture supports, Brooklyn Institute of Arts and Sciences, Borough of Brooklyn.....	1,524 00	Aetna Indemnity Company.
Granite steps and balustrade, Coney Island avenue side of Prospect Park, Borough of Brooklyn.....	13,636 00	The Metropolitan Surety Company.
Installing lead-lined pipe and remove other pipe at Aquarium, Borough of Manhattan.....	1,097 00	American Bonding Company of Baltimore.
Rubble stone foot bridge in Botanical Garden, Borough of The Bronx..	11,000 00	Fidelity and Deposit Company of Maryland.
Shelter house, Sunset Park, Borough of The Bronx.....	32,408 00	The Metropolitan Surety Company.
Hudson river road gravel on parks and parkways, Borough of Brooklyn.....	2,605 10	The Metropolitan Surety Company.
3,000 yards of garden mold for parks, Borough of The Bronx.....	2,100 00	The Metropolitan Surety Company.
Shelter and toilet house, Van Cortlandt Park, Borough of The Bronx.....	10,550 00	People's Surety Company of New York.
Granite entrance, Prospect Park, Ninth avenue and Fifteenth street, Borough of Brooklyn.....	18,400 00	Aetna Indemnity Company.
Greenhouses, Central Park, Borough of Manhattan.....	23,425 00	American Bonding Company of Baltimore.
Water pipe and appurtenances, Harlem river driveway, Borough of Manhattan.....	21,150 50	The Title Guaranty and Surety Company.
Services of architect, Metropolitan Museum of Art, Central Park, Borough of Manhattan.....	34,500 00	
Horse manure, Borough of Brooklyn.	2,100 00	The Metropolitan Surety Company.

No.	Date.	Contractor.
1642	Dec. 17, 1906	P. J. Kane, No. 933 East One Hundred and Fiftieth street.....
1643	Dec. 17, 1906	The Sicilian Asphalt Paving Company, No. 41 Park row.....
1644	Dec. 19, 1906	Charles L. Doran, No. 1015 Walton avenue, The Bronx.....
1645	Dec. 21, 1906	Atlanta Contracting Company, No. 434 East Ninety-first street.....
1646	Dec. 24, 1906	Frank T. Willigan, No. 1037 Fox street.....
1647	Dec. 28, 1906	John Matthews, Inc., No. 333 East Twenty-sixth street.....
1648	Dec. 24, 1906	Buckley Realty Construction Company, Times Building, Broadway and Forty-second street

Contract.	Amount.	Sureties.
Tree plots in Thomas Jefferson Park, Borough of Manhattan.....	4,500 00	The Title Guaranty and Surety Company.
Constructing a portion of Colonial Park, Borough of Manhattan.....	87,086 50	The Title Guaranty and Surety Company and National Surety Company.
Tree plots in St. Gabriel's Park and Manhattan Square	3,828 25	The Title Guaranty and Surety Company.
Tree plots in DeWitt Clinton Park..	5,357 00	The Title Guaranty and Surety Company.
Storm doors and winter screens, new boathouse, Prospect Park, Borough of Brooklyn	1,639 00	The Title Guaranty and Surety Company.
New fountain, Prospect Park boat- house, Borough of Brooklyn.....	4,000 00	American Surety Company of New York.
Modification of Contract No. 1564...	13,659 00	The Title Guaranty and Surety Company and People's Surety Company of New York.

NEW YORK CITY PUBLIC PARKS AND PARKWAYS.

BOROUGH OF MANHATTAN.

Improved Parks, with Names.

Name and Location.	Area in Acres.
Abingdon Square, Eighth avenue and Hudson street.....	0.202
Battery Park, foot of Broadway.....	21.199
Beach Street Park, Beach street and West Broadway.....	0.038
Bowling Green, Broadway and Whitehall street.....	0.517
Bryant Park, Sixth avenue and Forty-second street.....	4.775
Canal Street Park, Canal and West streets.....	0.318
Central Park, Fifth to Eight avenue, Fifty-ninth to One Hundred and Tenth street	843.019
Christopher Street Park, Christopher and West Fourth streets.....	0.139
City Hall Park, Broadway and Chambers street.....	8.239
Cooper Park, Third avenue and Seventh street.....	0.229
Corlear's Hook Park, Corlear's and South streets.....	8.300
DeWitt Clinton Park, Fifty-second to Fifty-fourth street, North river.....	7.377
Duane Street Park, Duane and Hudson streets.....	0.108
East River Park, Eighty-fourth to Eighty-ninth street, East river.....	12.546
Empire Park, South, Broadway and Sixty-third street.....	0.344
Empire Park, North, Broadway and Sixty-sixth street.....	0.069
Hamilton Fish Park, Houston and Willett streets.....	3.673
Grand Street Park, Grand street and East Broadway.....	0.630
Grecley Square, Sixth avenue and Thirty-second street.....	0.144
Hancock Square, St. Nicholas avenue and One Hundred and Twenty-third street	0.072
Harlem Lane Park, Seventh avenue and One Hundred and Fifty-third street	1.270
Hudson Park, Hudson and Leroy streets.....	1.700
Jackson Square, Eighth avenue and Horatio street.....	0.227
Jeannette Park, Coenties slip and South street.....	0.728
Thomas Jefferson Park, One Hundred and Eleventh street, First avenue, One Hundred and Fourteenth street and Harlem river.....	15.529
Madison Square, Broadway and Twenty-third street.....	6.840
Manhattan Square, Central Park West, Seventy-seventh street to Eighty-first street	17.582
Morningside Park, One Hundred and Tenth street to One Hundred and Twenty-third street, between Columbus and Amsterdam avenues.....	31.238

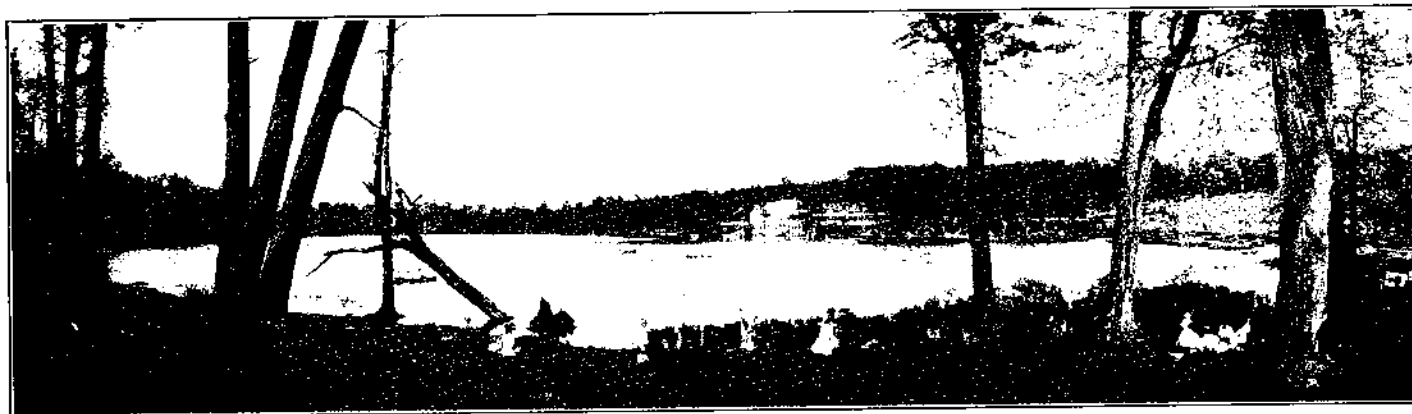
Name and Location.	Area in Acres.
Mount Morris Park, Mount Morris to Madison avenue, One Hundred and Twentieth to One Hundred and Twenty-fourth street.....	20.174
Roger Morris Park, Jumel terrace, Edgecombe road, One Hundred and Sixtieth and One Hundred and Sixty-second streets.....	1.546
Mulberry Bend Park, Mulberry and Bayard streets.....	2.750
Paradise Park, Mission place and Worth street.....	0.114
Park Avenue Parks, Park avenue, Thirty-fourth to Fortieth street, and Fifty-sixth to Ninety-sixth street.....	8.118
Riverside Park, North river, Seventy-second to One Hundred and Twenty-ninth street	140.037
Rutgers Park, Rutgers slip and South street.....	0.478
Ryan Park, Second avenue and Forty-second street.....	0.180
St. Gabriel's Park, Thirty-fifth to Thirty-sixth street, First to Second avenue	2.947
Schuyler Square, Broadway and One Hundred and Sixth street.....	0.072
William H. Seward Park, Canal and Jefferson streets.....	3.315
Sherman Square, Broadway and Seventieth street.....	0.001
Stuyvesant Park, Rutherford place and Sixteenth street.....	4.229
Tompkins Square, Avenue A and Seventh street.....	10.508
Union Square, Broadway and Fourteenth street.....	3.483
Washington Square, Fifth avenue and Waverley place.....	8.115
Total.....	1,193.119

Unimproved Parks with Names.

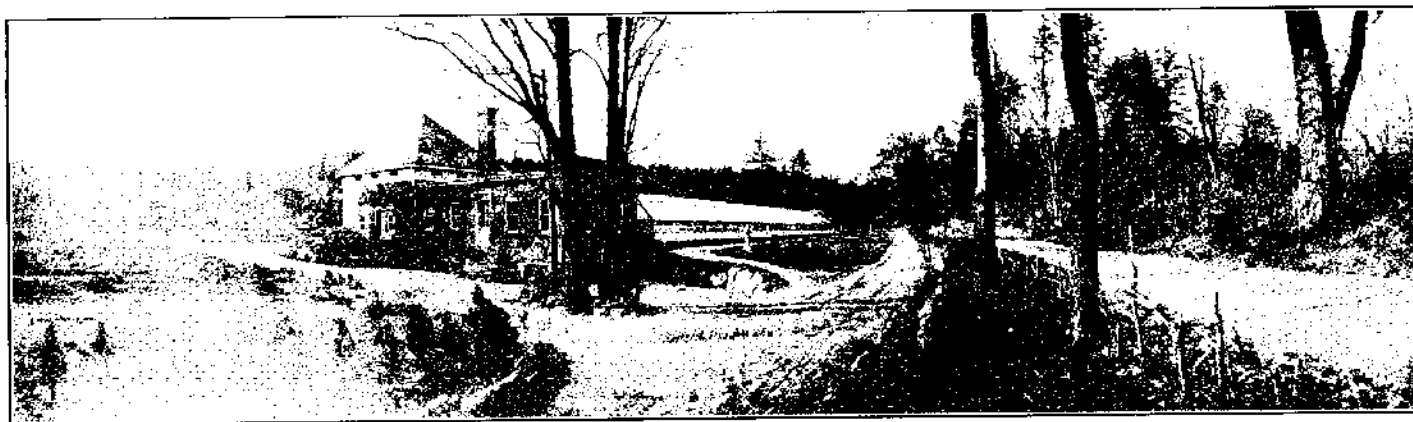
Name and Location.	Area in Acres.
Chelsea Park, Twenty-seventh to Twenty-eighth street, Ninth to Tenth avenue	3.117
Colonial Park, One Hundred and Forty-fifth to One Hundred and Fifty-fifth street, Bradhurst avenue to Edgecombe avenue.....	12.790
Fort Washington Park, Fort Washington Point, Hudson river.....	40.810
High Bridge Park, One Hundred and Fifty-fifth street to Washington Bridge, west of driveway.....	64.343
John Jay Park, Seventy-sixth to Seventy-eighth street, East river.....	3.004
St. Nicholas Park, One Hundred and Thirtieth to One Hundred and Forty-first street, St. Nicholas to Tenth avenue.....	26.604
Total.....	150.668

Improved Unnamed Parks.

Location.	Area in Acres.
Park bounded by Seventeenth and Eighteenth streets, Avenue C and East river	1.037
Triangle at St. Nicholas avenue and One Hundred and Fiftieth street.....	0.024
Triangle at Broadway and Seventy-third street.....	0.095
Triangle at Manhattan avenue and One Hundred and Fourteenth street....	0.018
Triangle at Seventh avenue and One Hundred and Seventeenth street.....	0.074
Triangle at Sixth avenue and Thirty-fifth street.....	0.042
Total.....	1.290



SILVER LAKE PARK, RICHMOND.



GREENHOUSES, BRONX PARK.

Unimproved Unnamed Parks.

Location.	Area in Acres.
Triangle at One Hundred and Thirty-eighth street and Broadway.....	0.340
Triangle at St. Nicholas avenue and One Hundred and Thirty-seventh street	0.038
Addition to Riverside Park, One Hundred and Twenty-second street to Claremont place, Riverside avenue to Claremont avenue.....	2.064
Extension of Riverside Park, New York Central and Hudson River Railroad to the bulkhead line of Hudson river, Seventy-second to One Hundred and Twenty-ninth street.....	48.215
Extension of High Bridge Park, One Hundred and Fifty-fifth to One Hundred and Fifty-ninth street, east of Speedway.....	2.511
West of Harlem River Driveway and north of Washington Bridge.....	23.013
Corner of Worth and Baxter streets.....	0.187
Extension to Corlear's Hook Park, an extension southerly to the pierhead line	2.343
Park between One Hundred and Fifty-first and One Hundred and Fifty-second streets, east of Amsterdam avenue.....	0.574
Park between Edgecombe road and the old Croton Aqueduct from One Hundred and Fifty-ninth to One Hundred and Seventy-second street.	8.912
Total	88.197

Parkways, Streets, Avenues, etc., Under the Jurisdiction of the Department of Parks.

Location.	Length in Feet.	Width in Feet.
Cathedral parkway (One Hundred and Tenth street, west of Seventh avenue).....	4,061	100 to 126
Circle at Eighth avenue and Fifty-ninth street.....	.....	.....
Eighty-sixth street, west of Central Park West.....	3,435	100
Fifth avenue, Fifty-ninth to One Hundred and Tenth street....	13,661	100
Harlem River driveway.....	11,562	100 to 150
Morningside Avenue West.....	3,538	90
Ninety-sixth street, west of West End avenue.....	802	100
One Hundred and Tenth street, Fifth to Seventh avenue.....	2,045	100
One Hundred and Twenty-second street, west of Tenth avenue..	1,450	80

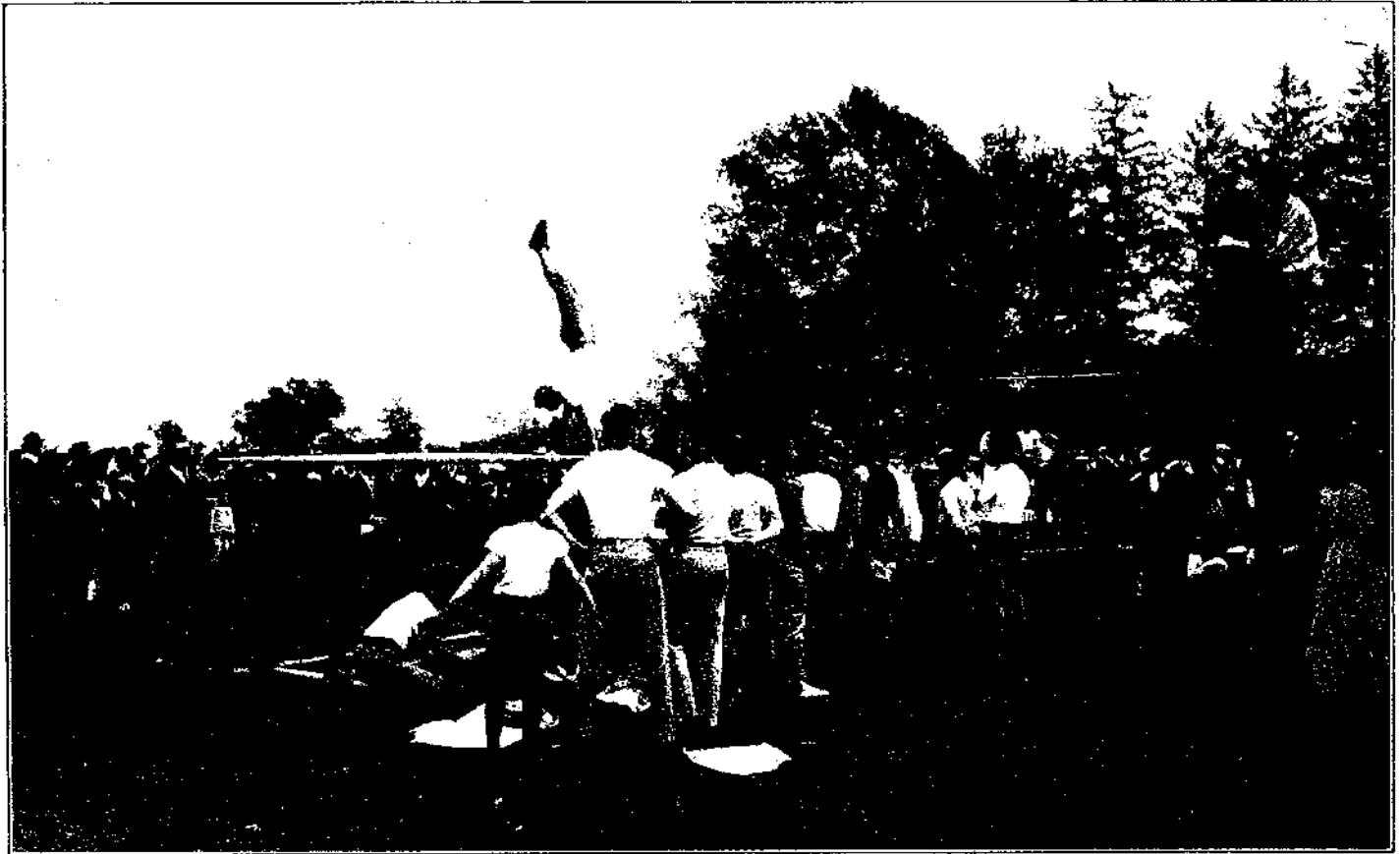
Location.	Length in Feet.	Width in Feet.
One Hundred and Twenty-third street, west of Morningside Park	819	60
Plaza at Fifty-ninth street and Fifth avenue.....	.....	.....
Plaza at One Hundred and Tenth street and Fifth avenue.....	.....	.....
Plaza at One Hundred and Tenth street and Eighth avenue.....	.....	.....
Riverside drive	17,000	90 to 168
Seventy-second street, west of Central Park West.....	3,025	100
West End avenue, north of Seventieth street.....	9,860	100
Mail street	335	.....
Total.....	71,593	

BOROUGH OF RICHMOND.

Name and Location.	Area in Acres.
Washington Square, Bay, Water and Canal streets, Stapleton.....	1.46
Improved unnamed park, Broadway, Bennett street, Herberton avenue and Vreeland street, Port Richmond.....	1.28
Total.....	2.74
Silver Lake Park (unimproved), Richmond turnpike and Silver Lake, Brighton Heights, about.....	57.90



SCHOOL GIRLS AT ATHLETIC FIELD, PELHAM BAY PARK.



ATHLETIC FIELD, PELHAM BAY PARK.

BOROUGH OF THE BRONX.

Hon. GEORGE B. McCLELLAN, Mayor of The City of New York:

Sir—I have the honor to send you herewith, in compliance with the provisions of the Charter, a report of the designs for improvement, work accomplished and finances of the Department of Parks, Borough of The Bronx, for the year ending December 31, 1906.

Very respectfully yours,

JOSEPH L. BERRY,
Commissioner of Parks, Borough of The Bronx.

In the general maintenance and improvement of the parks of this borough considerable work was carried on during the year. The maintenance work consisted of cleaning and repairing paths, roadways, gutters, basins and drains, sprinkling roads, spreading fertilizer on lawns, mowing grass, marking tennis courts and football fields, laying out and repairing baseball diamonds, etc.

The special work accomplished in each park is given in the following details:

Pelham Bay Park.

(Area, 1,756 Acres.)

In this, the largest of our parks in this borough, the improvements this year have been numerous and of a most substantial character.

Orchard Beach—A new comfort station has been erected at this beach. The beach has been extended 400 feet, thereby increasing the accommodation for bathers at least 100 per cent.

Two hundred and fifty yards of rock and 200 yards of earth were removed and used to fill the patch of swamp land near the beach. Twenty-five yards of sea wall, 5 feet high, was constructed. Four hundred yards of sand was carted and spread on the beach.

Fifty new bath houses have also been erected, making a total of one hundred now on the beach.

The vast increase in the number of people visiting this beach renders it absolutely necessary that during the coming year at least one hundred additional bath houses be constructed; also a shelter building, as no form of shelter exists there.

Athletic Grounds and Beach—One hundred and eighty yards of new beach has been added to the old one in this part of the park. Rocks and mud were removed therefrom and used for grading and for filling low lands; and 200 yards of sand was hauled and spread on beach.

One hundred additional bath houses have been erected, making about three hundred in all. This number will probably suffice at present, though none too many for the large number of people who patronize the beach.

A new shelter building was constructed on the beach at the boathouse.

A new comfort station has been erected.

Because of the great popularity of the athletic field it was decided to build an athletes' lodge convenient thereto. Plans were prepared and work was begun in September, and the building will be completed in about two months. It presents a handsome appearance, being constructed of logs, and contains one hundred and twenty lockers, together with shower baths and all necessary accommodations for the comfort of those who make use of the athletic field.

A scheme for the extensive planting of trees and shrubs at and in the vicinity of the bath houses was prepared early in the year, and the work is now completed. Included in the plan was a slight change in the line of the roadway.

Roads, Paths, etc.—New paths have been constructed along the Eastern Boulevard. Some work has been done on the Eastchester Bay road, leading from the present road to and along the Tallapoosa Clubhouse. This road, however, cannot be completed until more funds are available for the purpose.

The road along Pelham Bay and the road leading from Orchard Beach to the Hunter's Island Inn have been macadamized.

The road extending from City Island road past the Hunter's Island Inn has been covered with stone prepared by the department crusher, roller-dressed and fully completed.

Drainage—The work of draining along the New York, New Haven and Hartford Railroad was begun during the year, and is now in progress.

Van Cortlandt Park.

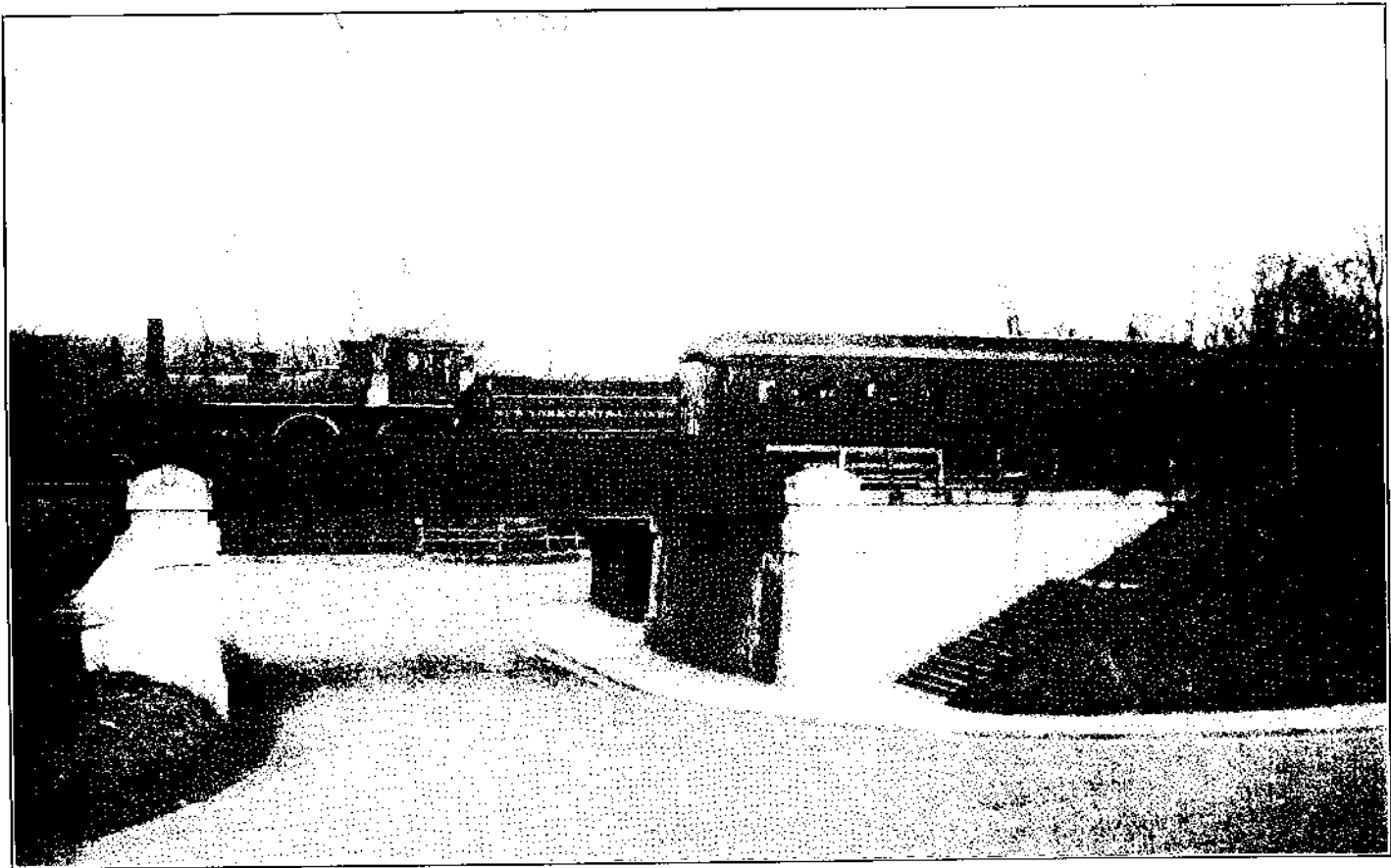
(Area, 1,132.35 Acres.)

Cleaning the Lake—The work of cleaning, filling and widening the lake has progressed rapidly. Three thousand yards of mud was removed therefrom and used for filling the low lands on the side of the lake. Considerable work yet remains to be done before the cleaning is completed. The amount appropriated this year will be sufficient for the purpose; but it was impossible to finish the work this season, as the lake had to be filled before extremely cold weather set in, so that it could be used for skating.

Eliminating Swamp Lands—Plans and specifications for eliminating the swamp south of the Colonial Garden have been prepared, and the work of converting the swamp into a lake will proceed at once. However, this swamp cannot be entirely eliminated at present, as only \$70,000 is available for this work, and it will require at least twice this amount to complete the contemplated improvement. A further



ALGERNON S. SULLIVAN, MEMORIAL FOUNTAIN, VAN CORTLANDT PARK.



RAILROAD VIADUCT, VAN CORTLANDT PARK.

reason for not beginning this work was the judgment of the Landscape Architect that it is not feasible to drain the proposed lake into the Broadway sewer.

Road System, etc.—Part of the road which extends from Grand avenue along the golf links, to the northern line of the City has been widened and macadamized. Twenty-five hundred feet has been completed. One thousand additional linear feet of trap rock foundation was rolled and made ready to receive the surface screenings, when frost caused a temporary suspension of the work. When appropriation was made for this work, it was intended merely to macadamize the existing width, namely, sixteen feet; but as it was later thought advisable to make the road wider, to accommodate the rapidly increasing traffic there, the amount appropriated was sufficient only to construct about one-half of this road, that portion being regraded and widened to 25 feet. This width, 25 feet, is no more than is absolutely required for the present traffic on that road.

Gun Hill road has been widened to twice its original width and macadamized during the year. The grade of this road was unusually steep, a portion of it being a twelve per cent. grade, this being now reduced to $6\frac{1}{2}$ per cent. Proper gutters were constructed wherever necessary. The improvement is one that was very much needed.

Drainage of Rockwood Drive—An appropriation of \$6,000 was granted for the drainage of Rockwood drive, from Mosholu avenue to the Yonkers line. This work is being prosecuted by park labor, and is now completed. Three thousand feet of cobblestone gutter, 2 feet wide, has been laid and finished. This work required the removal of rubbish and the digging and grading of trenches 3 feet wide by $1\frac{1}{2}$ feet deep. Six thousand feet of side stone was put in position.

Comfort Station—Plans for a new comfort station on the parade ground have been prepared, the contract has been let and the work is now well under way. The building will probably be ready for use by March 1, of the coming year.

Grading, etc.—A considerable amount of grading has been done near the underground passage under the railroad at Van Cortlandt station. After the crossing had been eliminated, the grounds at this place were left in an unsightly and unsatisfactory condition, and the grading was absolutely necessary. Two thousand yards of earth has been removed and used to grade the west bank at Van Cortlandt lake, 1,500 feet of sod having been previously removed and set aside to be replaced when the grading was completed.

The work of grading and raising the Colonial garden to the elevation originally intended, has been commenced; but funds to carry on this work, or to complete even a small portion of it, are lacking. One thousand yards of fill has been carted and graded in the garden.

Topographical Survey—The work of making a topographical survey of this park is in progress, and has been prosecuted by the engineering corps stationed on Mosholu parkway at all times when other work did not demand their attention.

Planting, etc.—Under the supervision of the gardener in charge, the plantation extending from the small lake on west side of railroad track to trestle on east side of parade ground was ploughed and harrowed, and eighteen hundred yards of topsoil spread thereon. In this plantation, three thousand shrubs and fifty trees were set out and pruned, and thirty loads of fertilizer deposited along the road to cover same.

In the Colonial garden, herbaceous plants were transplanted as occasion and season required; flower beds were cleaned and weeded. In the fall, all plants and trees in the northwest corner were taken up and removed to the nursery, and the flower beds, trees and shrubs covered with manure. Rhododendrons and other tender plants were covered with straw to protect them through the winter.

The gardeners were also engaged in cleaning and covering 500 herbaceous plants sent from the Bronx Park greenhouses to make room for other plants to be used early next season; and in transplanting trees and shrubs, when necessary, to grow strong, fibrous roots, which could be had only by transplanting.

A small greenhouse, which was presented to the City by Mr. Hey, of Park avenue and One Hundred and Seventieth street, was removed from his premises to Van Cortlandt Park, and rebuilt to adapt it to the location. This greenhouse is used for the propagating of shrubs during the winter.

Eight thousand cuttings of shrubs of different varieties were made and placed in the greenhouses, for rooting in the spring.

Along the parade ground, thirty-two tree holes 6 feet square were dug and re-filled, and covered with topsoil. The soil taken from the holes was used to grade bank along the lake.

About one thousand yards of topsoil was carted from Mosholu avenue to the Colonial garden.

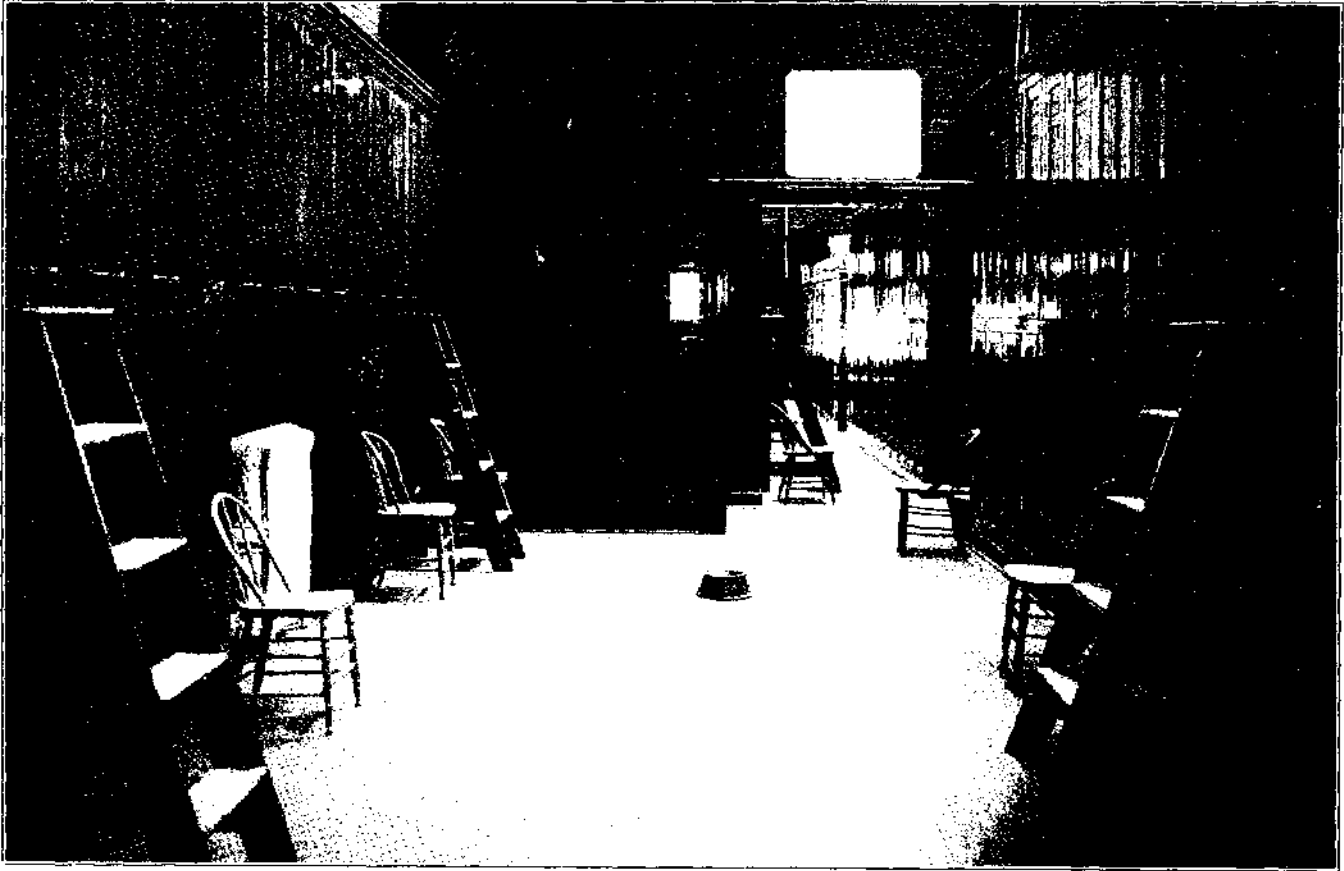
Grass was mowed on the parade ground and around the Colonial mansion.

The lawn tennis courts, ball fields, cricket fields and golf links, were kept in excellent condition. The great number of golfers using these links on Sundays and holidays makes it imperative that a second course be laid out and constructed in this park. The increased demand for lockers in the golf house has necessitated the building of additional lockers, ninety-six of which are now in course of construction and will be finished early in January.

Walks, roads and paths were kept clean, and the roads sprinkled.

Late in the season, fertilizer was spread on the polo field, and on the lawns around the Colonial mansion.

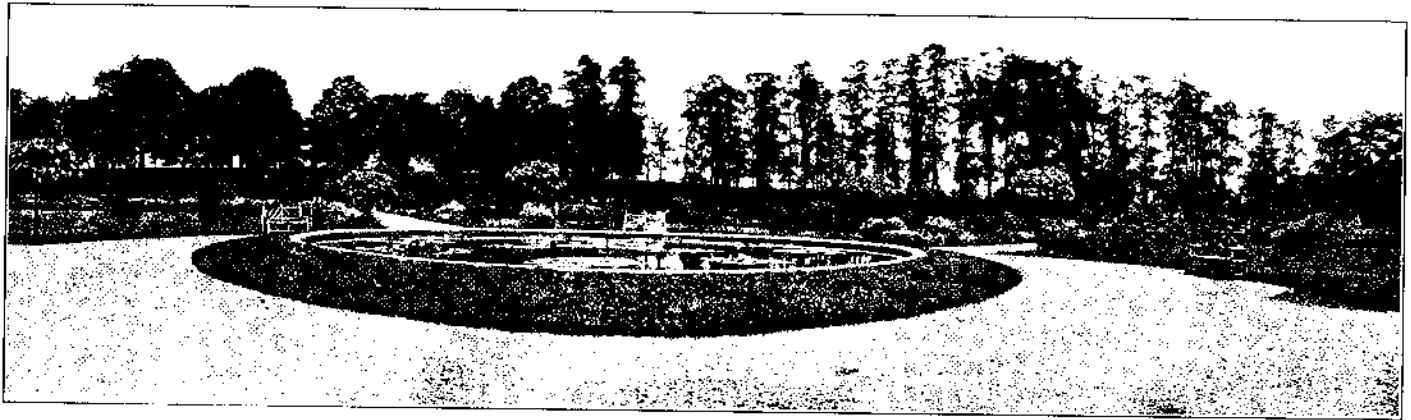
A number of dead trees were removed, several being large chestnut trees which stood along Rockwood drive and were dangerous to persons or to passing vehicles.



INTERIOR OF GOLF HOUSE, VAN CORTLANDT PARK.



SKATING ON VAN CORTLANDT LAKE, VAN CORTLANDT PARK.



COLONIAL GARDENS, VAN CORTLANDT PARK.

Minor Improvements—An iron railing has been erected around the old cemetery near the Museum, the fence being erected by contract and painted by park labor.

A cairn, to commemorate the slaughter of the Stockbridge Indians who were assisting the American forces in the Revolutionary War, has been erected on the Indian field, and a handsome bronze tablet placed on the cairn by the Daughters of the American Revolution.

The Algernon Sullivan Memorial Association erected, without expense to the City, a handsome granite drinking fountain, in memory of Algernon Sullivan, near the golf house in this park.

New Lawn—The tract of low land lying north of Gun Hill road and east of Grand avenue was converted into a lawn, a paved drain having been constructed, into which the stream which spread itself over this field was conducted. This new section will be planted with grass seed next spring and thrown open to the public.

Bronx Park.

(Area, 719 acres, of which 261 acres are included in the Zoological Park, and 250 acres in the Botanical Garden.)

New Entrance—A new entrance has been constructed at the intersection of the Southern Boulevard and Pelham parkway. Running from this point, nearly the entire westerly side of the park, along the Southern Boulevard, has been improved and planted to the line of the Botanical Garden. In making this improvement, three thousand cubic yards of topsoil was furnished by contract, the work being done by park labor.

New Walks—On both sides of Pelham avenue, from the Southern Boulevard to the Bronx river, new walks were laid. The old, rough curb on the southerly side of Pelham avenue was removed and neat sod curbing substituted.

Foot Bridge—During the year, sketches were made for the erection of a foot bridge at Lorillard Falls, to take the place of the present foot bridge, which is in a very dilapidated condition. After the plans had been prepared, however, the Landscape Architect decided that the location of the bridge should be changed, and the bridge cannot be built at the new location without additional funds.

Drinking Fountain—A small drinking fountain was placed, with proper connections, near the lily pond north of Pelham avenue.

Drainage—During the year, the sum of \$3,000 was appropriated for the drainage of a swamp north of Pelham Parkway and east of the Bronx river. The draining of this swamp, which eliminated, also, two mosquito-breeding pools, entailed considerable work, all of which was done by park labor. A stone drain 675 feet in length and 2 feet wide, was constructed, requiring the excavating of 50 yards of rock and 300 yards of earth, and the carting of 225 yards of rock and 700 yards of fill.

Widening Road—Boston road, in the rear of the Zoological Park, along the Bronx river, is being widened from 6 to 10 feet, making a 32 foot roadway. 2,075 linear feet of this road has been graded and prepared for macadam pavement. The rock foundation has been laid, preparatory to receiving the traprock and screenings. 200 yards of rock and 400 yards of earth have been excavated, and 1,000 yards of earth carted and used for grading and filling. A retaining wall 200 feet long, 15 feet high, and 3 feet wide at base, has been built. 270 yards of stone was carted from Crotona Park, to be used in this work.

In the workshop located in this park all tools used by the park employees were kept in good condition; signs were painted; rolling stock repaired and painted; new harness made and old harness repaired; snowscrapers, pruning poles, tool boxes, step-ladders and swinging poles for athletic fields, were also made.

In the greenhouse, seeds were sown and upwards of 60,000 plants propagated and cared for.

Zoological Park in Bronx Park.

During the year 1906, development work in the Zoological Park has been prosecuted with the usual degree of industry.

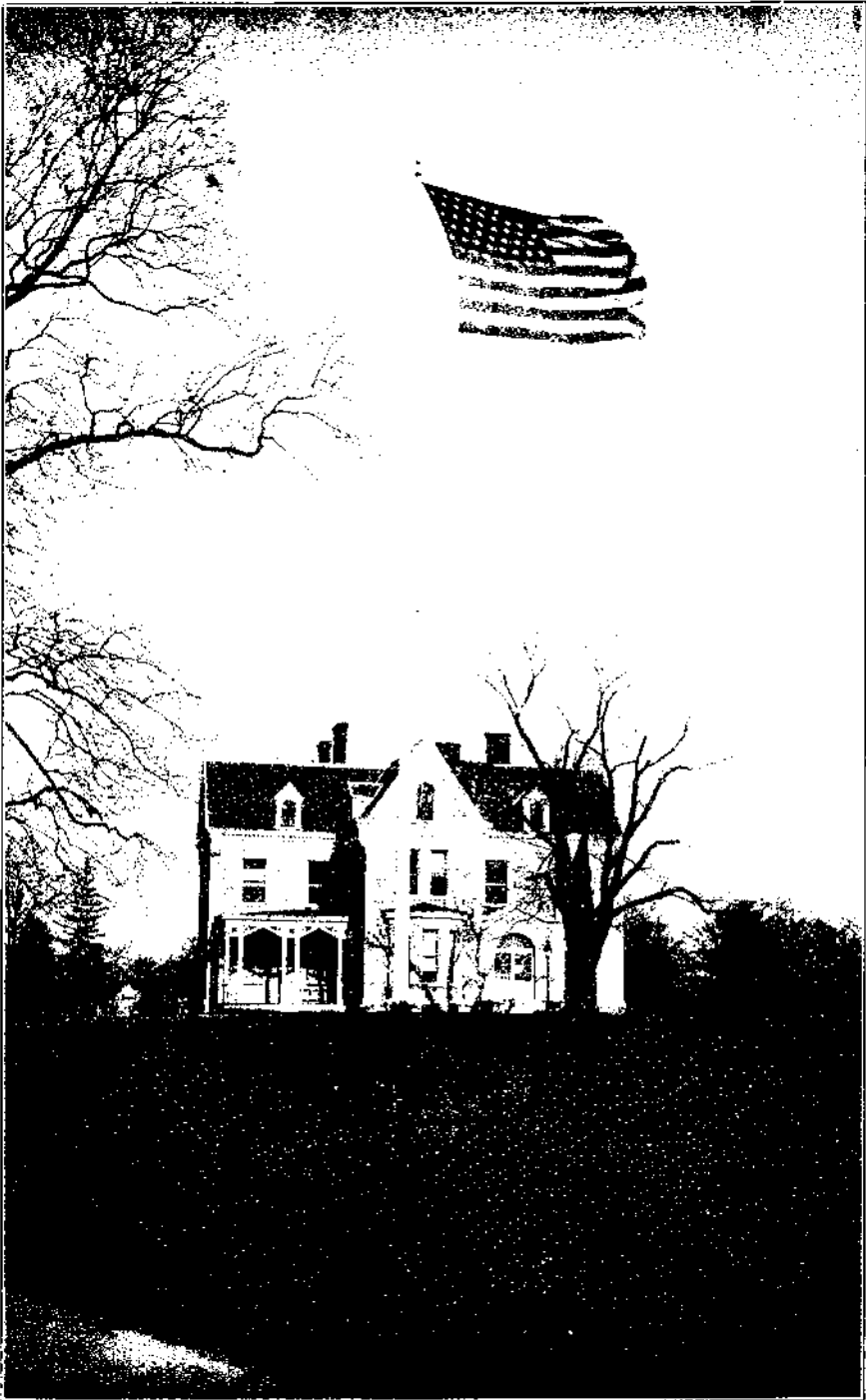
Baird Court Improvement—In the line of general improvement the most noteworthy feature of the year has been the erection of the western boundary wall and the northern front of Baird Court. The latter constitutes a very imposing composition of stone stairways, sculptured fountains and ornamental balustrades. These two sides have been completed.

Concourse and Approaches to Baird Court—To-day work is progressing on the Concourse, by which visitors will enter the park and drive from Pelham avenue to the northern stairways of Baird court. An approach from the west side of Baird court was begun in October of this year; about one-half the wall has been built and nearly all the excavation completed. The work of building Concourse gates has also been commenced. When finished this feature will form an imposing approach to the finest group of buildings in the park, and will practically complete this part of the park.

Deer House—The series of installations for animals was increased by the erection of an important building, known as the small deer house, designed to contain a collection of small tropical deer and antelopes, such as are not provided for elsewhere. This building is situated near the southern boundary of the Zoological Park, midway between the large antelope house and the pheasants' aviary. It is built of buff brick of the standard color in use in the park, and is surrounded by an extensive series of outdoor yards. It will contain between thirty and forty species of animals. Its interior is particularly pleasing in its proportions and light effects. The building will be completed about March 1 of the coming year, and will permit of an important increase in the collection of hoofed animals.



VAN CORTLANDT MANSION.



ZBROWSKI MANSION, CLAREMONT PARK.

Glass Court for Bird House—The accommodations for birds were increased by the erection of what is known as the glass court, which is really an annex to the large bird house. This addition has been specially designed for American song birds, and was completed during the summer. It is now well stocked with native species, and is a favorite spot for teachers and classes from the public schools.

Feed Barn—The feed barn has been completed and final payment has been rendered.

Gate House—Work on the gate house has been moving slowly for the past year, but is now under way, and should be completed by the first of February.

Boathouse and Dock—A contract was awarded for the erection of a boathouse and restaurant and the building of a dock at the lower end of Bronx Lake, near West Farms. The work is now well under way, and will be completed in about a month. The boathouse will be stocked with boats, to be rented by the New York Zoological Society, for the pleasure of the public, and will add to the attractions of the park.

Comfort Station—After the contractor had started work on this building the contract was declared illegal, owing to some technical irregularity in the wording of it. A bill was then passed by the Legislature permitting payment to the contractor for the work he had done on the contract; but further work was deferred for a reletting. New specifications have been prepared, and the work of completion will be let on January 10.

Terrace Wall and Steps—A contract was let on July 26 of this year for the building of a terrace wall and flight of steps near the southwest entrance of the park, and the contract has been completed, adding an important feature to the beauty of the park.

Widening Boston Road—Boston road, in the Zoological Park, is now being widened. About three-quarters of the grading is finished and one-half of the telford laid, this work being done by park labor.

Other improvements now in progress are to be found in a new entrance at the intersection of One Hundred and Eighty-second street and the Southern Boulevard, to which walks were constructed last year, and immediately south of which the Zoological Society has planted an extensive group of cedars ranging in height from 20 to 40 feet, and planted closely together for the purpose of screening the park at that point, from the buildings at West Farms; and a new service road constructed from the Rocking Stone past the buffalo house, to the buffalo entrance on the Boston road. In connection with the latter improvement, the buffalo corrals were completely remodeled and rebuilt.

Attendance—The attendance of visitors has far exceeded in number the record of all previous years. During 1906 the total number of entrances recorded by our turnstiles was 1,321,917. A considerable proportion of the increase over previous years

is due to the attendance of classes and teachers from the public schools, who came to study the collections.

Collections—During the year 1906 the animal collections were increased to the utmost limits of available installations. The most important specimens acquired were two double-horned African rhinoceroses, two hippopotami, two jaguars, six bears, five buffaloes, five elk, five sea lions and two Florida crocodiles. For the three animals first mentioned above the Zoological Society expended \$12,500.

The collection of birds was increased by the addition of 549 specimens.

At the close of 1906 the total number of living creatures in the park was 3,624, of which 620 were mammals, 2,104 were birds and 900 were reptiles and amphibians. These represented a total of 808 species. The increase in species over 1905 was 151, and of individuals the net increase was 757.

By way of comparison, it may be of interest to note the fact that, at the close of 1905, the London Zoological Gardens contained 689 mammals, 1,554 birds, 560 reptiles, and 110 fishes, making a total of 2,913 individuals.

Botanical Garden in Bronx Park.

Much additional construction work has been accomplished, the collections in the public museums have been largely increased in number; the educational work has been much expanded; and the number of visitors has been greater than in any preceding year.

Continuation of work on driveways, paths, bridges, grading and drainage, has been carried on.

Mosholu and Woodlawn Entrances—Imposing entrances into these Gardens have been constructed from both Mosholu parkway and Woodlawn Road, including all the necessary walls and approaches.

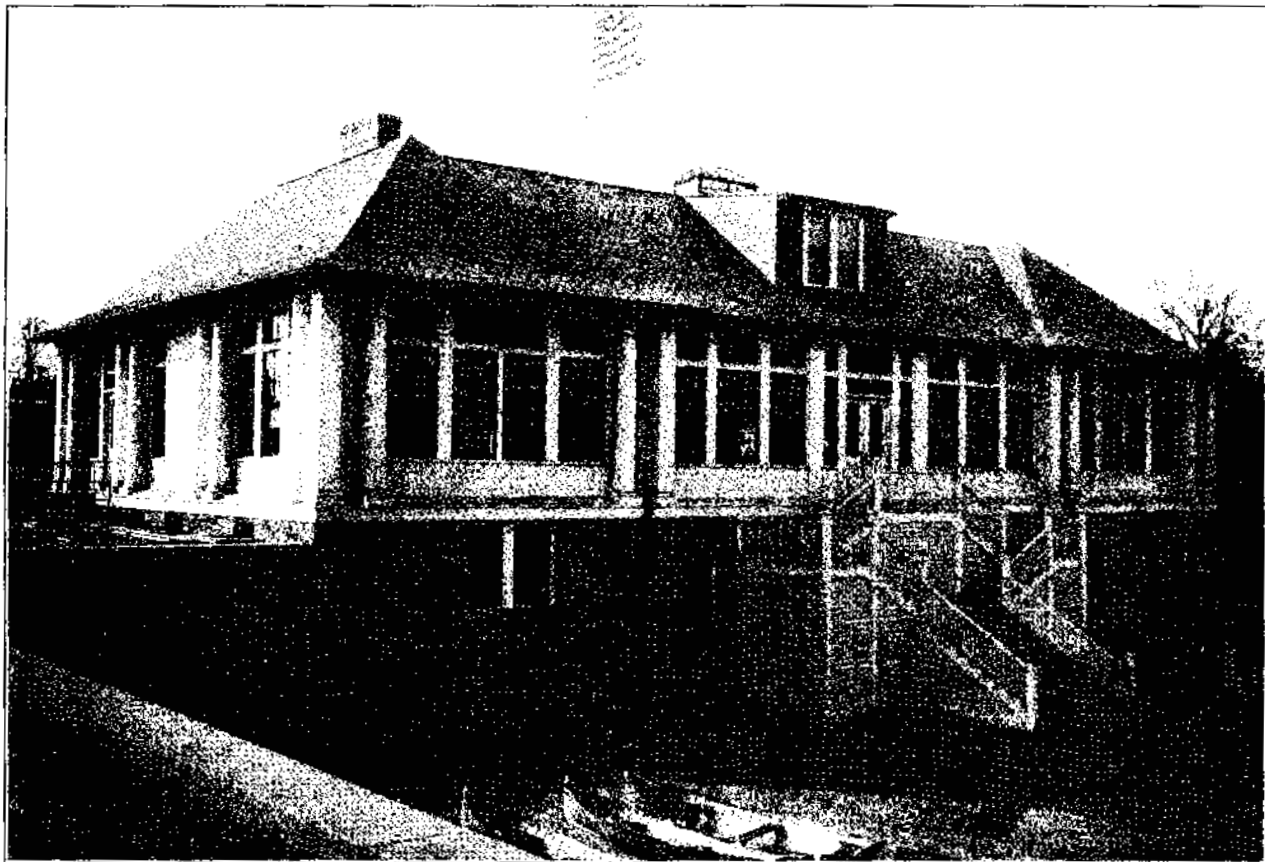
Road System—Several new roads have been constructed, and the road system in the botanical garden is practically completed and has been thrown open to the public; but on portions of these roads the lights have not yet been placed. About one-half the southerly portion of the roads in the garden have been resurfaced during the year.

Comfort Stations—Plans were prepared and approved by the Art Commission, for the erection of two comfort stations. The contract will be let and work will be commenced on the buildings early in the coming year.

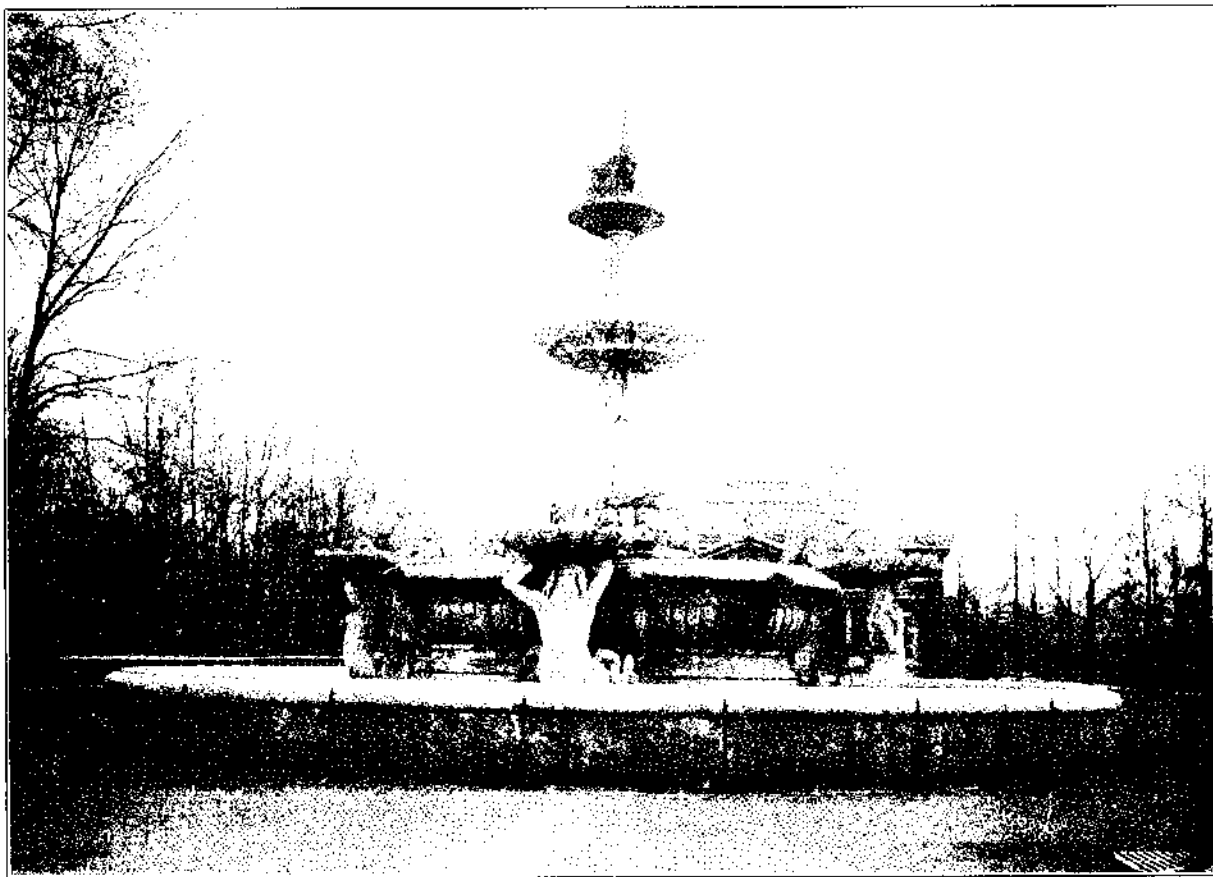
Grading, etc.—The grading is completed on the entrance to Scott Avenue Bridge, the telford laid, and the trap rock placed thereon.

The road work, grading, etc., in this Garden, was all done by park labor.

Drainage—In the course of the construction of roads and paths, and in grading operations, additional grass gutters, catch-basins, and drain-pipe connections have been built at the Mosholu Parkway and Woodlawn approaches, at the lake bridge, and on



NEW BOAT HOUSE, ZOOLOGICAL GARDEN.



BAIRD COURT FOUNTAIN, ZOOLOGICAL GARDEN, BRONX PARK.

the fruticetum plain. At the economic garden, a ditch with stone sides has been constructed to receive the surface drainage of the valley.

In the north meadows, where much filling and drainage still remains to be done, the drainage ditches have been kept open, and the amount of marshy ground reduced to a minimum, under present conditions.

Planting—A great deal of additional planting has been accomplished during the year, in many parts of the grounds, especially in the shrub collection on the plain, north-east of the museum building, in the collection of conifers on the hills and slopes near the public conservatories, in the herbaceous garden, and a commencement was made, in the fall, of establishing the economic garden. Many shade trees have been planted along the driveways, and the border screen along the railway has been completed by the planting of a belt of conifers and deciduous trees at the west end of the valley of the lakes.

The Hemlock Grove—The forest of Canadian hemlock spruce continues in a healthy condition. The opening of the main park driveway across the long bridge north of the hemlock grove, the closing of the temporary road across the old Blue Bridge, and the construction of the path leading eastward from the north end of the herbaceous garden, have resulted in the closing of the grove to vehicles, in accordance with the original plan, and this has been a great advantage to pedestrians.

Crotona Park.

(Area, 156.6 Acres.)

Entrances—New entrances from Wendover avenue have been constructed on both the easterly and westerly sides of the park.

Road System—Three new telford macadam roads have been constructed in the southerly portion of this park, and two in the northerly end. Several of the old roads have been widened and re-macadamized.

Draining, Sewers, etc.—In the northerly portion of the park, east from Crotona avenue, a new drainage system has been completed, funds having been appropriated for the purpose. A stone drain was put in, from Arthur avenue to One Hundred and Seventy-fifth street.

A 2-inch water pipe has been laid from the comfort station to the water main on Crotona Park East. Also a sewer has been laid from the same point, to connect with the sewer leading across the park into the Wendover avenue sewer.

Comfort Stations, etc.—Two handsome comfort stations have been constructed in this park, one of brick, in the northerly section of the park, and one of cobblestones, in the southerly section.

The old shelter pavilion was practically rebuilt. It had become very much dilapidated, and the original plan was decidedly unsightly.

Running Track—Plans and specifications were prepared in this Department, for the construction of an Athletic Field and running track, at a point where Prospect avenue intersects Crotona Park North. The work is being done under the supervision of the Board of Education, as the track and field are to be used as a public playground for school children.

Filling, etc.—A large area of low land has been filled and raised, the fill being furnished and delivered by several contractors, free of all expense to the City. A part of the northern side of the park has been terraced and graded.

Improving Tremont Avenue Side of Park—An appropriation of \$24,000 was granted, during the year, for the improvement of this park along Tremont avenue. Plans and specifications were prepared, and bids were invited for the doing of this work; but, owing to its location, in close proximity to surface railways, high tension wires, etc., all bids were in excess of the amount appropriated. In order to complete this work, the additional sum of \$10,000 must be had.

The appearance of the park in the vicinity of Indian Lake has been much improved by the removal of many dead trees and stumps, and the clearing away of undergrowth.

Macomb's Dam Park.

(Area, 27 Acres.)

Road and Path System—A new carriage-way and new paths have been constructed, extending from One Hundred and Sixty-first street and One Hundred and Sixty-second street.

A new walk has been constructed along Sedgwick avenue, from Jerome avenue to the westerly side of the park.

Two walks between Sedgwick avenue and the railroad company's lands have been completed.

Filling—A large area of low land in the northeasterly portion of the park has been filled in and graded.

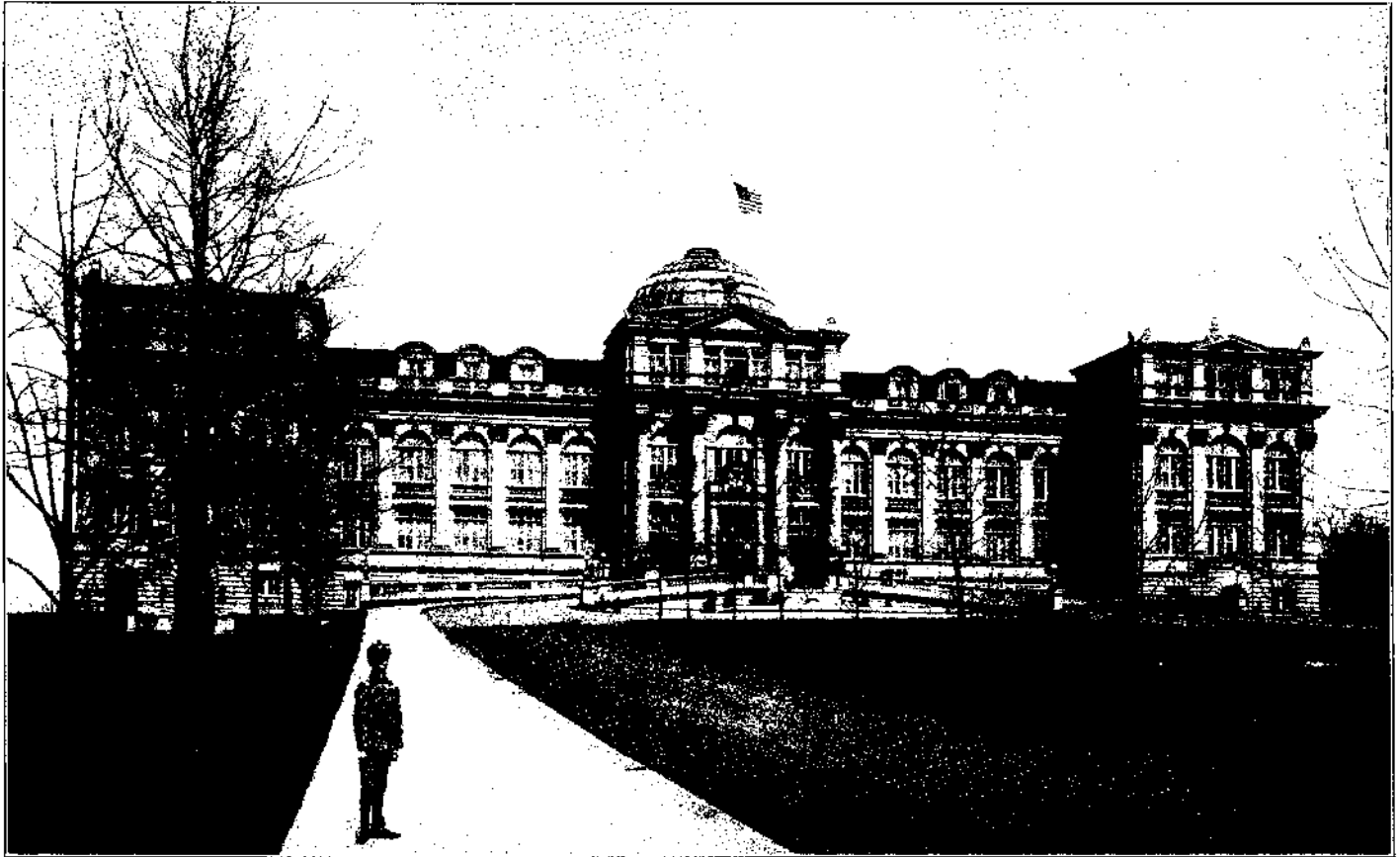
Drainage—Two hundred and fifty feet of drain-pipe was laid and two basins were built. Four thousand yards of topsoil and fill were used for grading in connection with the drainage work in this park.

Athletic Field—Early in the year the athletic field was regraded and resurfaced, and a rail fence built around the same, as well as around the running track.

Fountain—Plans for a fountain at the entrance to Macomb's Dam Bridge were prepared, and bids were invited for doing the work, but the plans did not meet the approval of the Art Commission. The sum appropriated for this fountain, \$3,000, was inadequate for the construction of such a fountain as the Art Commission would approve for that location. An additional appropriation of \$3,000 will be needed.



HARLEM MERE IN WINTER.



BOTANICAL MUSEUM, BRONX PARK.

Claremont Park.

(Area, 38 Acres.)

Clay Avenue Improvement—The eastern side of this park, along Clay avenue, north of the main entrance to the park, has been practically filled in, and the grading is now under way for that portion lying along Clay avenue, south of the main park entrance. For this work the sum of \$15,000 was appropriated, but owing to the deep cut made in grading Clay avenue a larger sum of money will be required to complete all of the work.

Roads, etc.—The roads have been repaired and put in first-class condition, and many dead and decaying trees have been removed, all work being done by park labor.

St. Mary's Park.

(Area, 28.7 Acres.)

Road and Walk System—Under contract, all existing walks in this park have been asphalted. Several new walks were constructed and are now being covered with asphalt.

Along the old Passage road a new walk was constructed, and the road itself widened, graded and macadamized.

Grading, etc.—The northerly side of the park has been filled in and graded, and considerable work accomplished during the year in grading and draining other portions of the park.

An old and unsightly barn located on the hill near the northeasterly corner of the park was removed.

Seventy-five hawthorn bushes were planted around the railroad vents, to prevent children from climbing over the ventilators and to screen the unsightly walls.

All the above work, with the exception of asphaltting, was done by park labor.

Franz Sigel Park.

(Area, 17.5 Acres.)

Plans and specification were prepared for the reconstruction of the comfort station in this park. Bids were invited on three different occasions; but owing to the very great amount of work the mills had on hand by reason of the numerous building operations in The Bronx during the year, it was impossible to get bids. This work is about to be readvertised at the present time, when bids will, in all probability, be made.

St. James Park.

(Area, 11.83 Acres.)

Comfort Station—A new comfort station was erected in this park during the past year.

Filling—Considerable filling has been done in the northern end of the park.

The Department of Highways recently regraded Creston avenue, along the entire eastern side of St. James Park, filling in the avenue to the height, in some places, of the top of the wrought-iron fence erected there three years ago. In order to make the park conform to the new elevation of the road a large amount of fill will be required along Creston avenue, in addition to which the entire east side will need re-planting. One Hundred and Ninety-third street, at the northern end of the park, is also to be constructed, and it will require considerable fill to make the park land at this point conform to the elevation.

Echo Park.

(Area, 4 Acres.)

The only work done in this park during the past year has been some filling along Burnside avenue. The Department of Highways has graded and widened Burnside avenue along the park, and this has left the entire east side of the park in an unfinished and unsightly condition. This is one of the handsomest of our smaller parks, and should be put in good condition as soon as possible. The park was increased from one and one-half to four acres, the northern portion of which is still in a very unfinished condition, and considerable funds will be required to put it in proper shape.

Small Parks.

In the smaller parks of The Bronx, considerable grading has been done.

Twelve thousand linear feet of pipe railing, including the necessary posts, etc., has been purchased, practically all has been delivered, and the work of erecting this railing will be commenced at once, by park labor, for the purpose of protecting the small parks from the depredations of boys and others wantonly destructive.

Bronx and Pelham Parkway.

(Length, 11,861 feet. Width, 400 feet.)

Pavement—Ten thousand square yards of "Asphalto" pavement has been laid on this parkway, as a trial, without expense to the City. Sufficient time has not yet elapsed to determine whether this new pavement will prove a success; but the Chief Engineer of this Department is of the opinion that it will prove to be a satisfactory pavement. Owing to the tremendous automobile traffic on this road, something different from the ordinary macadam road is necessary; and should this "Asphalto" prove a success, appropriations will be needed for continuing it the entire length of the parkway.

Walks and Paths—A new walk and a bicycle path have been laid from the crossing of the New York, New Haven and Hartford Railroad, to the Baychester road. The entire length of the road has been given a coating of screenings. From the bridge to the north side of the parkway, 200 feet of sidewalk was constructed and regraded, 200 yards of fill being carted and used for filling and grading. On the south side of the parkway, 2,300 feet of new sidewalk was completed.



LORILLARD MANSION, BRONX PARK.



THE Aoudad Family.

A stone retaining wall 5 feet high, $2\frac{1}{2}$ feet wide at the bottom, and 2 feet wide at the top, is in course of construction on one side of the road leading from Pelham Parkway to Pelham Bridge. Three hundred feet of this wall, which is built to retain the sidewalk, has been completed. Fill is still being carted to bring the sidewalks up to grade.

All the above work, excepting the laying of pavement, has been done by park labor.

Eighteen thousand shrubs were planted on the parkway, from the railroad bridge to Pelham road, and 50 dead trees were removed and replaced with new trees.

Drinking Fountain—Plans have been prepared and have been approved by the Art Commission, for the erection of a very handsome rustic stone fountain on this parkway. The stones are now being selected, and the fountain will be completed early in the coming year.

Mosholu Parkway.

(Length, 6,035. Width, 600 feet.)

The contract for grading this parkway is nearly completed and the roads practically finished. However, a large sum of money is still required, in order to construct the necessary walks, erect steps at the Webster avenue approach, construct a bridge across the glen, build a road to Decatur avenue, fill in, and grade the entire width of the parkway where the railroad is now located.

On the crest of the parkway, for a distance of three hundred feet, a new grade has been established. This was accomplished by reducing the grade on one side and using the fill thus removed to raise the grade on the other side.

A cobblestone gutter was laid and finished the entire length.

Eighteen hundred feet of Belgian pavement gutter was laid and finished.

Eight-inch drains have been laid across roads, where found necessary.

Drip pans have been hung over the sidewalk under the bridge at Webster avenue.

Extensive planting has been done on this parkway, during the year.

From Webster avenue to the New York, New Haven and Hartford Railroad bridge, a distance of about 300 feet, a roadway has been built and 12-foot sidewalks laid out, making the roadway and walks the same width as the bridge—100 feet. The road was laid with trap-rock, which was napped, rolled, spread with screenings and small rock, sprinkled and again rolled. At the lowest point of this road, two catch basins have been built and connected with an 8-inch pipe drain 10 feet in length.

Fifty elm trees, which died shortly after planting were removed and replaced by new trees.

Spuyten Duyvil Parkway.

(Length, 11,500 feet. Width, 60-180 feet.)

During the past year, but little work of a permanent nature has been done on this parkway, other than the completion of some walks, and some grading and terracing along the roadway, which was done by park labor.

Six years ago, the work of constructing the new roadway was practically completed, but the sum appropriated was entirely inadequate for the completion of the parkway including the necessary terracing and planting. The traffic on this road is increasing every year, to a very large extent, and the necessity of bringing this work to completion in the near future, is apparent.

Street Trees.

Early in the year, plans and specifications were prepared for the erection of substantial wire tree guards around all trees in the streets and highways of this borough. One thousand wire guards have been furnished, under contract, and the work of placing them around trees has been done by park labor. So satisfactory has this been to the residents that numerous applications are being made for similar guards by those whose trees have not yet been thus protected.

The trees on the streets and highways of the borough were placed under the care of the Department of Parks several years ago. These trees number about 130,000. A record showing the kind, location, size, and condition of each, has been established, and the trees are being systematically cared for. During the latter part of the year, 38 men have been engaged in pruning trees and in felling and disposing of dead trees.

Permits.

The following permits were granted during the year for outdoor sports:

Park.	Athletic Field.	Camping.	Base ball.	Croquet.	Foot- ball.	Golf.	Lawn Tennis.
Claremont Park .....	..	..	44	36	4	..	267
Pelham Bay Park.....	31	150	29	..	1	69	15
Van Cortlandt Park.....	..	..	207	..	16	1,446	145
Macomb's Dam Park.....	39	..	59	..	18	..	460
Crotona Park .....	..	..	107	5	18	..	555
Moshulu Parkway .....	..	..	2	..	..	..	13
St. Mary's Park.....	..	..	2	18	..	..	79
St. James' Park.....	..	..	..	..	1	..	23
Bronx Park .....	..	..	..	..	..	..	44
Poe Park .....	..	..	..	..	..	..	10
Franz Sigel Park.....	..	..	..	1	..	..	25
Total.....	70	150	450	60	57	1,515	1,636



COL. DELANCEY'S PINE ZOOLOGICAL GARDEN, BRONX PARK.

In addition to the above 560 permits were granted for holding May parties, June walks and other outings, in the various parks, the total attendance being 98,750; a few permits for cricket, basket ball, etc., were also granted.

Permits were granted to fifty-two boys to caddy on the golf links in Van Cortlandt Park.

Band Concerts.

Commencing June 30, band concerts were given until September 1 on Sunday afternoons in Claremont, Pelham Bay, Crotona, St. James and Bronx parks, and on Saturday afternoons in Van Cortlandt, Macomb's Dam, St. Mary's and Franz Sigel parks. The large attendance at these concerts testified to their popularity.

Miscellaneous.

The bridge at Moshulu parkway was torn down and the old lumber carted to the mill in Bronx Park.

Flower beds were arranged and planted in the various small parks, squares and gores, and in certain sections of the parks bordering on the parkways.

Thirty thousand young plants were transplanted.

A great variety of chrysanthemums were cultivated and staged in the two green-houses in Bronx Park, making a fine showing, which was greatly admired by many visitors.

Ten thousand cuttings were made from geraniums and many other varieties of plants, and were placed in the growing houses.

Fifteen thousand bulbs, such as hyacinths, narcissus, tulips, lilies, etc., were planted and taken to the green-house, to be forced as occasion required.

Trees and shrubs were pruned and cultivated in all the parks.

At University Park seventy-five dead chestnut trees were removed.

The ball field in the rear of the Municipal Building, in Crotona Park, was flooded, making an additional skating pond of large area in the centre of a populous section.

For the first time the hills in Van Cortlandt, Claremont, Crotona and St. Mary's parks were thrown open to children, and thousands of little ones enjoyed this sport, free from the danger of passing vehicles.

Statement of Balances and Appropriations,

Title of Appropriation.	Appropriation.
Administration	\$11,050 00
Maintenance and Construction.....	246,450 00
Music	9,360 00
Supplies and Contingencies.....	1,500 00
Surveys, Maps and Plans.....	6,000 00
Forestry Work	5,000 00
Revenue Bond Fund—	
Purchase of Benches for Public Parks.....	7,000 00
Purchase of an Automobile.....	4,000 00
Care of Trees in City Streets, Deficiency in Appropriation for 1906.....	20,000 00
Maintenance of Parks, Parkways, Boulevards and Drives, Deficiency in Appropriation for 1906	70,000 00
Maintenance of Botanical Gardens.....	80,000 00
Maintenance of Zoological Gardens.....	144,965 00
Salaries of Chief Engineer and Employees.....	17,650 00

Year Ending December 31, 1906.

Transferred to.	Total.	Payments.	Transferred from.	Total.	Balance.
.....	\$11,050 00	\$8,824 19	\$2,225 81	\$11,050 00	.....
\$7,963 07	254,473 07	247,523 41	.....	247,523 41	\$6,889 66
.....	9,360 00	9,060 00	300 00	9,360 00	.....
.....	1,500 00	1,443 13	.....	1,443 13	56 87
.....	6,000 00	929 96	4,989 14	5,919 10	80 90
.....	5,000 00	.....	.....	5,000 00	.....
.....	7,000 00	6,996 00	.....	6,996 00	4 00
.....	4,000 00	4,000 00	.....	4,000 00	.....
.....	20,000 00	20,000 00	.....	20,000 00	.....
.....	70,000 00	70,000 00	.....	70,000 00	.....
.....	80,000 00	71,487 86	.....	71,487 86	8,512 14
.....	144,965 00	127,910 31	.....	127,910 31	17,054 69
.....	17,650 00	17,201 88	448 12	17,650 00	.....

Receipts.

From rents, licenses, privileges, rent for lockers, etc.....	\$9,220 71
--	------------

Expenditures, Bond Accounts.

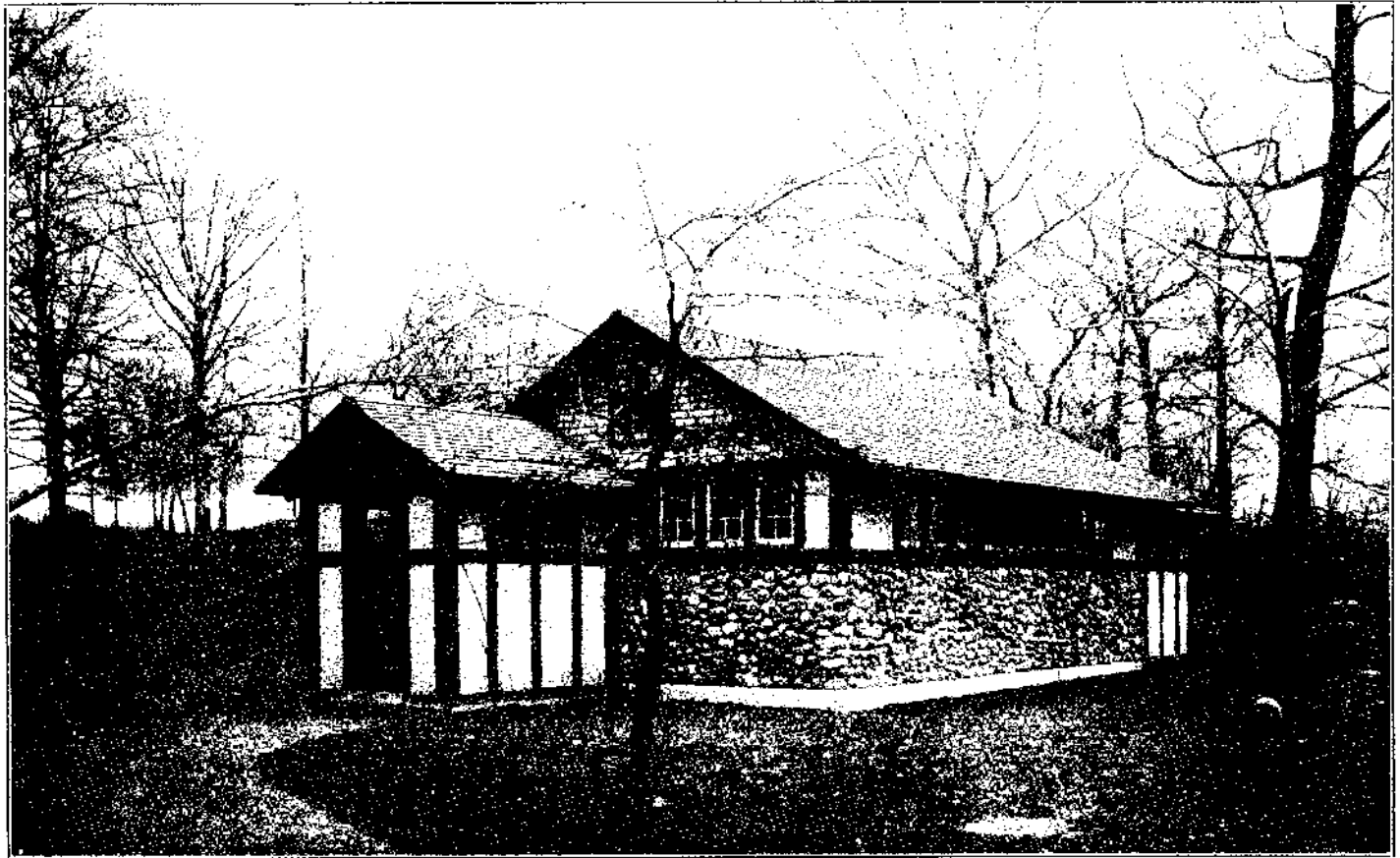
New York Zoological Garden Fund.....	\$239,557 00
Botanical Garden in Bronx Park—Improving, etc.....	54,163 88
Improvement of Parks, Parkways and Drives.....	55,678 75
Improvement and Construction of Parks, Parkways, Playgrounds, Boule- vards and Driveways	147,514 68
Improvement of Parks, Parkways and Drives, Claremont Park—Improv- ing, etc.....	58
Improvement of Parks, Parkways and Drives—Improving Small Park, west side Fulton avenue, between One Hundred and Sixty-ninth street and One Hundred and Seventieth street.....	34 93
Improvement of Parks, Parkways and Drives, St. Mary's Park—Improve- ment of	35 82

Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways.

Completion of macadam road, from City Island road, around Eastchester Bay, to City Island Bridge, Pelham Bay Park.....	\$8,029 34
Regulating, grading and filling, Macomb's Dam Park.....	15,830 32
Reconstruction, with macadam, of old Passage road, St. Mary's Park....	9,088 02
Construction of new macadam road, from Grand avenue, Van Cortlandt Park, about 6,450 feet, to Yonkers city line.....	12,847 93
Construction of plantations, two side paths, receiving basins and comple- tion of unfinished work on Moshulu Parkway.....	34,394 65
Extending and improving bathing beaches at Orchard Beach and Athletic Ground Beach, Pelham Bay Park.....	6,056 97
Reconstructing and reparking northerly end of St. Mary's Park.....	6,056 97
Cleaning, deepening and filling the lake, Van Cortlandt Park.....	3,323 34
Grading and construction of proper drainage facilities, northern section of Crotona Park	5,000 00
Regulating, grading, terracing and replanting westerly side of Bronx Park, between Pelham Parkway and Botanical Gardens.....	8,056 97
Construction of ditches and drains, leveling and filling to perfect drainage, vicinity of Rockwood Drive, Van Cortlandt Park.....	6,000 00
Laying asphalt walks on concrete foundation, in place of present walks, St. Mary's Park.....	3,275 94
Installation of drainage system in Bronx Park, east of the Bronx river..	3,056 97
Widening and reconstructing Boston road, from the bridge across the Bronx river to One Hundred and Eightieth street, in Bronx Park..	9,326 90
Improvement of Clay avenue side of Claremont Park, south of the main entrance	2,696 93



THE OLD HEX-ROCK, CROTOXA PARK.



COMFORT STATION, CROTONA PARK.

BOROUGHES OF BROOKLYN AND QUEENS.

Department of Parks, Boroughs of Brooklyn and Queens, }
 Litchfield Mansion, Prospect Park, }
 Brooklyn, December 31, 1906. }

Hon. GEORGE B. McCLELLAN, Mayor of The City of New York:

Dear Sir—In compliance with the provisions of the Charter, I send you herewith the report of work undertaken and accomplished in this department for the year 1906.

I have the honor to remain,

Very truly yours,

M. J. KENNEDY, Commissioner.

The work of maintaining the various parks under my jurisdiction during the year just closed was carried on in a satisfactory manner, and in addition many improvements of a permanent character were made. Of the forty-three parks and nearly fifty-six miles of parkways in the system all received special attention. The policy adopted by the department early in the administration, to improve the older parks and parkways rather than to extend the system, has been rigidly adhered to. The area of parks in Brooklyn and Queens is eighteen hundred acres, of which twelve hundred are in the former borough and six hundred acres in Queens. The figures represent, approximately, one acre to every twelve hundred inhabitants of Brooklyn, and one acre to every three hundred and fifty of the inhabitants of Queens.

Much construction work was done, especially on the parkways, a number of which have been repaved at great expense. Several buildings for the comfort of visitors to the different parks were also erected. A few are still in course of construction and plans are prepared for others. A number of new buildings on which work was started in 1905, including the structure for the athletes on the Parade Ground, the golf house at Forest Park and the boat house in Prospect Park, have been completed. The last named is not quite ready for occupancy because of the construction of a suitable approach to the same. All will be in readiness when the summer season begins.

The new shelter houses in Fort Greene Park, Carroll Park, Cooper Park, Irving Square, Bedford Park and Bushwick Park, started last year, were completed and opened to the public during 1906.

Contracts have been awarded for a shelter house of beautiful design at Sunset Park, to cost thirty-two thousand four hundred and ninety-eight dollars (\$32,498), and for a shelter and comfort station near the main entrance to Prospect Park, to cost eleven thousand nine hundred dollars (\$11,900). A contract has also been awarded for constructing ornamental granite steps and balustrade on the Coney Island avenue

side of Prospect Park, at a cost of thirteen thousand six hundred and thirty-six dollars (\$13,636). The contract for constructing a new ornamental granite entrance at Ninth avenue and Fifteenth street was awarded at a cost of eighteen thousand four hundred dollars (\$18,400), and the erection of same will begin early in the year.

Plans were prepared and bids received in December for a tennis house of unique and magnificent design in Prospect Park, and shelter houses in Winthrop Park, Fulton Park and New Lots playground. It was deemed to be for the best interest of the City, however, to reject these bids, but proposals will be readvertised and contracts awarded early next year. It is hoped that all will be completed and opened to the public during the coming summer. With the houses for which contracts have been awarded and upon which work is already under way, and with those for which plans and specifications have been prepared and proposals have been received during the year, there will have been expended the sum of one hundred and thirty-two thousand dollars (\$132,000).

Some of the more important improvements on the parkways include the grading and paving with asphalt pavement on a concrete foundation of both traffic roads of the Eastern parkway, between the Park plaza and Ralph avenue, at an expense of one hundred and sixty thousand eight hundred and thirty-eight dollars and forty cents (\$160,838.40). This improvement, which has long been needed because of the heavy traffic, is well in hand.

Owing to the lateness in the season when this contract was entered into and the early approach of cold weather, the work is not completed its entire length. A large portion of the roadway is paved and open for traffic, and the rest of it will be completed early in the spring, or just as soon as weather conditions permit.

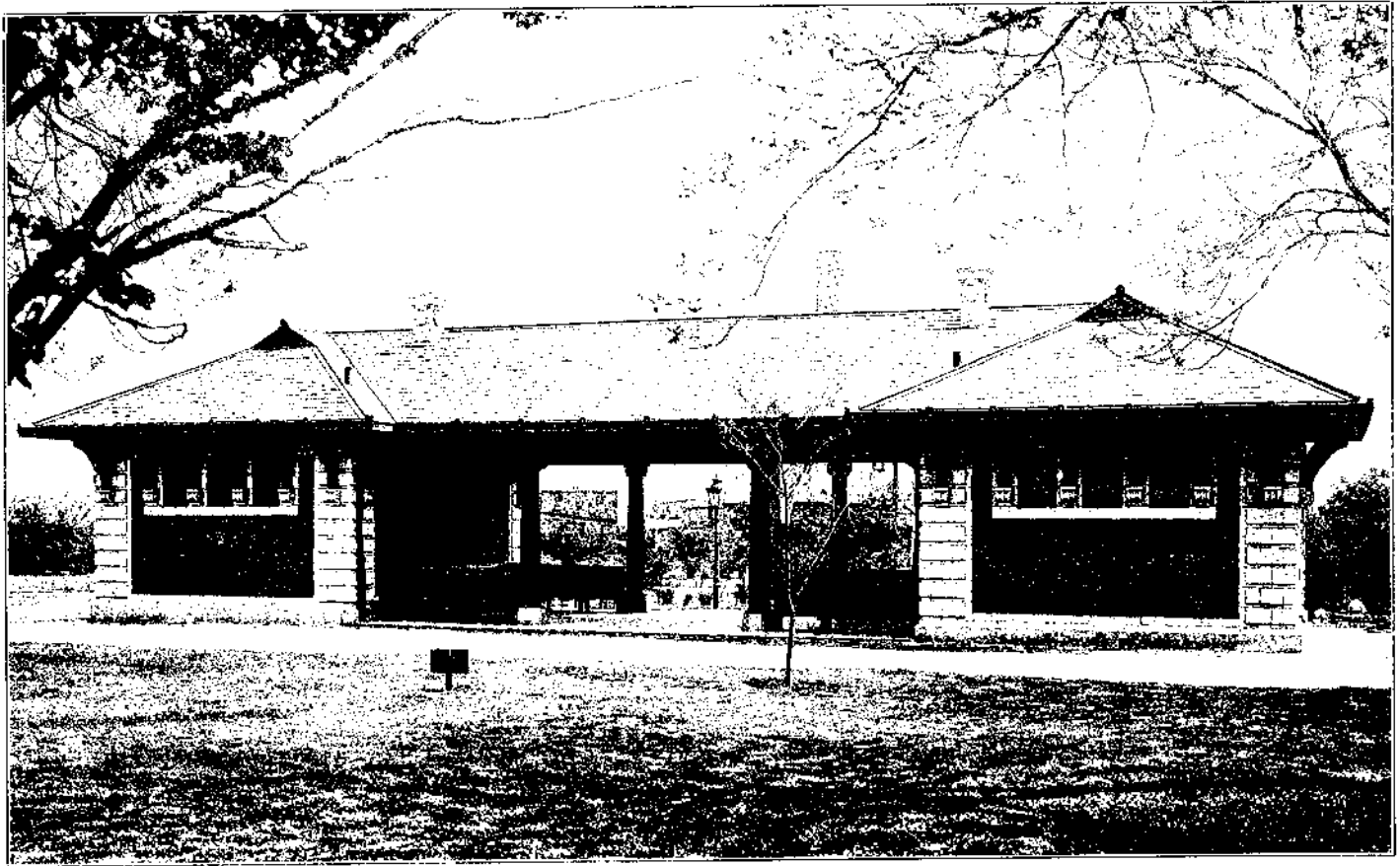
A contract was awarded late in the fall to pave with asphalt Pennsylvania avenue, between Jamaica and Sutter avenues, at an expense of twenty-four thousand six hundred and eighty-eight dollars and sixty cents (\$24,688.60), but it was thought advisable not to start the work until the spring.

In addition to the above, Glenmore avenue, between Stone avenue and Doscher street, was paved with asphalt, at an expense of thirty-eight thousand one hundred and seventy-five dollars and thirty cents (\$38,175.30). This, along with the other items for street and roadway construction, will bring the amount expended to two hundred and twenty-five thousand seven hundred and fifty-two dollars and thirty cents (\$225,752.30).

The Ocean parkway and the Shore road, two of the leading parkways in the system, were carefully looked after, and wherever and whenever required resurfaced with gravel and trap rock.

Prospect Park.

Prospect Park, the principal park in the system, received special attention. It was partially resoiled at an expense of fifty thousand dollars (\$50,000), the soil being purchased by contract. While not able to resoil it entirely, large stretches were treated



SHELTER HOUSE, COOPER PARK, BROOKLYN.

where most needed. The remaining parts, it is hoped, will be resoiled the coming year, thus completing a most important and necessary work. For a long time this work was deferred with resultant detriment to the plantation and trees.

The Rocky Pass was entirely reconstructed, resoiled and over seventeen hundred (1,700) shrubs planted. The rose garden and flower garden were likewise greatly improved, and a large number of new rose bushes, evergreens and shrubs planted. The southeasterly section of Prospect Park adjoining the Willink entrance, which was long used as a dumping ground and which has never been fully developed, was cleaned up, the grass and wood cut, dead and decayed trees removed and much grading done. It is the intention to utilize this heretofore unused section which is covered with fine shade trees, as a picnic ground, and remove the picnic shelter and carrousel from the present site near the Third street entrance to the new location. All that part of the park embracing the picnic grounds, extending from a point near Third street entrance to Ninth street, has been resurfaced with a covering of rich topsoil, and will, when the old unsightly picnic shelter and merry-go-round are removed, form one of the most picturesque parts of the park.

The work of removing the trees that died during the last three severe winters was begun early in the year. Over three hundred (300) large forest trees, principally chestnuts, were felled and others planted in their place. Seven hundred more will have to be removed during the winter. Early in the summer a vast number of the stately trees were attacked by a growth of fungi, which caused much destruction. Despite intelligent effort on the part of a large force of men organized for the purpose of saving them, a number had to be removed. The work of spraying was carried on with much success, and had it not been for the persistent work, very many more would have been lost. A systematic plan has been adopted for the renewal of trees. Each year a number of the best varieties are planted. The progress made by these young trees during the past two years convinces me that the future of the park in this particular will be safeguarded. Large numbers of trees and shrubbery throughout the park have been cleaned and freed from dead wood. This work of thoroughly overhauling is still in progress and will be completed before the planting season in the spring. The Department has purchased over three thousand (3,000) young and vigorous trees, a number of which are already planted, and the remainder placed in the nursery at Forest Park. Arrangements have been made for the further purchase of about two thousand (2,000) trees for Prospect Park and the replanting of some of the parkways. Over forty thousand (40,000) bulbs were planted in the flower garden and on Breeze Hill.

The grounds adjoining the Grecian Shelter on the South Lake drive were graded with topsoil. A foundation for the walk in front of the structure was completed, the borders were sodded and the entire surface laid out as a flower garden.

During the year plans were drawn and a contract let to the Church Construction Company amounting to thirty-one thousand six hundred and twenty-nine dollars

(\$31,629) for the erection and completion of a granite approach to the new boat house. This work has been completed, and with the exception of the installation of the gas fixtures in the new boat house the entire structure is about completed.

In connection with the above building a contract was awarded to John Matthews (Inc.) for a bronze and marble fountain of very artistic design. The work of constructing this fountain is under way, and it is expected that the completed fountain will be installed in the house early this coming spring.

The work of rebuilding the drives along the easterly section was completed and they are now in excellent condition for the winter months. Numerous repairs were made to the centre and west drives, they being resurfaced with Hudson river gravel. A new brick gutter has been constructed along the east and centre drives to supplant the antiquated cobble so long in use. The grounds around the menagerie were improved, some of the old cages removed and a foundation for new and modern quarters for the animals has been laid.

The greenhouses were extended and thoroughly overhauled. The new portions were filled with suitable plants, palms and ferns, and a large number of spring and summer flowering plants propagated.

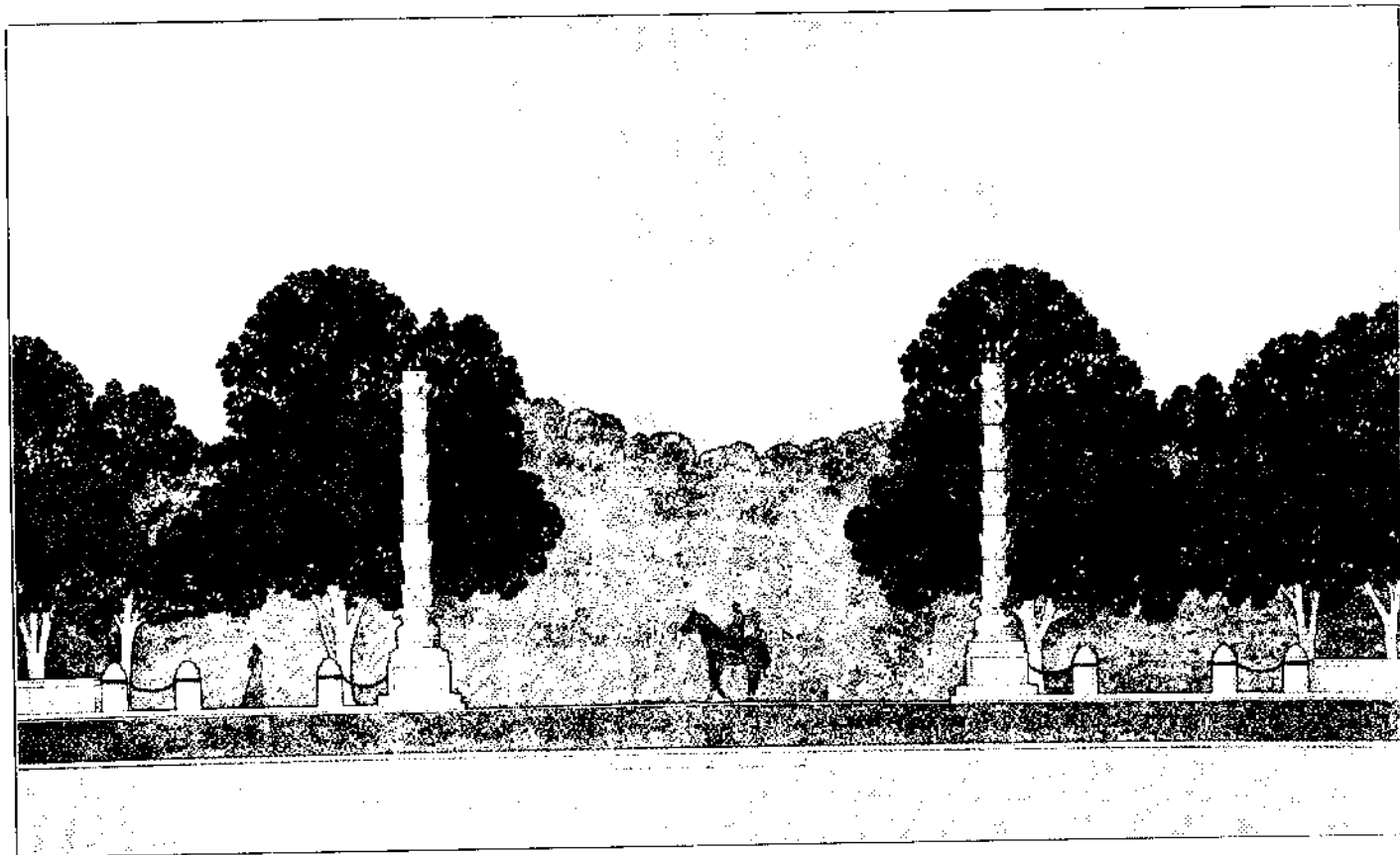
Work along the lake where portions of the bank had collapsed was continued and the restoration of the shore line accomplished.

A fine concrete sidewalk was constructed on the park side of Prospect Park West, between Fifth and Fifteenth streets, at a cost of four thousand four hundred and eighty-eight dollars (\$4,488). It is practically a continuation of the walk laid the previous year between the main entrance and Fifth street. A contract was also awarded for grading and soiling the grass plots between the same points. This work has likewise been completed. The stone wall on Prospect Park, between Fifth and Fifteenth streets, were completed early in the year, and this, together with the concrete walks and grass plots, completes the entire western side and has greatly improved the general appearance of the park.

The work of looking after the lawns, plantations and roads was carefully attended to. Grass was cut regularly and the lawns and roads sprinkled at regular intervals. Necessary repairs were made to all the buildings in the park. The settees, etc., were painted and the rolling stock of the Department kept in first class condition.

Floral displays were given in the greenhouse at Easter time and in the fall that attracted thousands of visitors. The usual displays during the summer at the rose garden and the flower garden were much appreciated, as evidenced by the vast crowds that witnessed them.

Considerable attention was also given to the Parade Grounds by the spreading of twelve hundred (1,200) cubic yards of manure. This attention was particularly necessary, as a few years have elapsed since this field was similarly treated and its necessity was very apparent. The contract for manure for Prospect Park was awarded



PROPOSED FIFTEENTH STREET ENTRANCE, PROSPECT PARK.

in December to the amount of twenty-one hundred dollars (\$2,100). While this contract covers various small parks, the major portion of the material required will be distributed on the Parade Ground and in Prospect Park.

The work of completing the new athletic house begun in 1905, was prosecuted with the result that the building is now ready for occupancy. A contract was awarded to the I. J. Merritt Company for seven hundred and thirty-five (735) sheet steel lockers for this building, at a cost of four thousand six hundred and forty-eight dollars (\$4,648). A contract was also let to F. E. Gore for all the combination gas and electric fixtures for this building at a cost of two thousand one hundred and fifty dollars (\$2,150). These two contracts complete the building's equipment entirely.

Forest Park.

The new nursery started last year was extended. Several thousand young and healthy trees were purchased and planted. Over sixty thousand (60,000) flowering plants were propagated and utilized in the different parks. The nursery ground was leveled, and fertilizer and topsoil used where necessary. The work of cutting out the underbrush, removing dead and decayed trees, pruning and otherwise caring for the vegetation was continued. The new greenhouse plant was enlarged considerably. One large house one hundred and twenty feet long and twenty-eight feet wide was added to the plant. The mason, carpenter and iron work incident to the erection of the building was done by park labor, and the installing of the heating apparatus was done under contract by John A. Scollay at a cost of eighteen hundred and eighty-six dollars (\$1,886).

The grounds surrounding the new golf house was graded, covered with topsoil and sodded, over forty-five thousand (45,000) feet of sod being laid. Walks and drives were laid out and two flights of granite steps constructed. The golf grounds were carefully looked after. Grass was cut regularly and the greens rolled and watered. All the roadways were kept in excellent condition throughout the year.

During the year plans and specifications were prepared and bids received for the erection and completion of a pumping plant and water tower in connection with the new golf house. The bids were rejected on account of exceeding the appropriation.

A contract was let to the I. J. Merritt Company for four hundred (400) steel lockers at a cost of twenty-six hundred dollars (\$2,600). These lockers have been delivered and are now being installed in place in the building.

Highland Park.

Many improvements were made in Highland Park. The recent addition, comprising thirteen acres, has been practically turned over to this Department. Several buildings on the site have been sold at public auction, and the work of demolishing and removing the same is now going on. In compliance with a general sentiment expressed in a voluminously signed petition and by many personal appeals, the building

known as the "Schenck Homestead" was exempted from the sale. It has been urged that this old landmark be preserved and used for a museum. Pending action in the matter I have asked a committee of experts to examine the building to determine if it can be preserved for future use, and upon receipt of the report will decide what action should be taken. It is proposed to utilize a part of the addition to this park as a playground. As soon as money is appropriated for the purpose the work of transforming the grounds will begin. The flower garden in Highland Park, which proved such an attractive feature the last two years, has been enlarged. The walks and roads have been improved, and, altogether, the park is in a very satisfactory condition.

New Parks.

A contract was awarded to the Brooklyn Alcatraz Asphalt Company for regulating, grading and paving with asphalt on a concrete foundation the roadway adjoining McLaughlin Park for two thousand and sixty dollars (\$2,060), and a contract was also entered into with Charles Cranford for the construction and completion of the same park for thirty thousand three hundred and eighteen dollars and eighty cents (\$30,318.80). Work is now going on, and it is confidently expected that the park will be opened to the public by Decoration Day. It is proposed to use this as a playground for boys and girls.

Bids were received and a contract awarded for cleaning up the property acquired during the year for an approach to the Willink entrance of Prospect Park, adjoining Institute Park. A contract was entered into for the partial grading of this property, the temporary paving of the sidewalk surrounding it, and the erection of an iron picket fence around the cut of the Brighton Beach Railroad. The work, except on the railing, is nearing completion, and final plans are being prepared for a permanent entrance at this point which will be commensurate with its importance.

As noted above, bids for a new shelter house at Fulton Park were rejected, but proposals will be asked for again early in the coming year. This park is now well planted, and when walks are constructed and the shelter erected it will fill a long-felt want in the neighborhood.

Small Parks.

All the smaller parks in our system received careful attention. Topsoil and fertilizer were used wherever required. Trees, shrubs and bulbs were planted in the various parks. The grass was cut and sprinkled, the walks and roads repaired, and the fences scraped and painted. Floral displays were had in most of the smaller parks, the principal ones being at Highland Park, Seaside Park, Fort Greene Park, City Hall Park, Tompkins Park, Saratoga Park, Cuyler Park and a number of others.

Parkways.

Ocean Parkway—The main roadway of the Ocean boulevard from Coney Island to Kings Highway was recoated with trap rock screenings and rolled. Repairs were



SKATING SCENE, PROSPECT PARK.

made to the side traffic roads; the cycle paths were partly recoated with limestone screenings, and the work of resurfacing a portion of the main road between Prospect Park and Twenty-second avenue was completed. A number of new catch basins were constructed, drain pipes laid, and sidewalks and stone crosswalks raised to grade and repaired. The westerly traffic road of this parkway has been originally paved with macadam some twelve years ago. The parkway is not sufficiently drained, and the traffic conditions are such that it is impossible to maintain this style of pavement satisfactorily. Fine residences have been erected along portions of this roadway, and complaints about the condition of the road have been numerous. It would be a mere waste of money to again repair or resurface this road, and it is my intention to apply to the Board of Estimate and Apportionment for sufficient money to reconstruct this westerly roadway from Prospect Park to Coney Island and pave the same with asphalt on a concrete foundation during the coming year. The portion of the Ocean parkway between Coney Island creek and Neptune avenue has settled to a large extent, and all the planting spaces have been raised to the proper grade during the year just past, money for that purpose having been taken from Labor, Maintenance and Supplies account. The roadways are yet to be brought to grade. This work should be done early in the summer, and money must be granted by the Board of Estimate and Apportionment for that purpose. A contract was awarded for a pipe sewer from Avenue U to Kings Highway, and the work completed in due time.

A contract was also awarded for cement sidewalks on the north side of the Concourse at Coney Island for four thousand and fifty dollars (\$4,050), the completion of which will add greatly to the appearance of Seaside Park and the Boulevard at that point. Plans and specifications have been prepared for the construction of an additional jetty on the beach adjacent to the bulkhead. Plans and specifications have also been prepared for the alterations and repairs and ballasting with stone of the big bulkhead at the foot of Ocean parkway. The letting of this work was deferred to mid-winter in order to take advantage of weather conditions on this shore.

The bridle path was recoated with gravel and improved at several points. Frequent repairs were made to the Speedway, extending from Twenty-second avenue to Kings Highway, and the entire course was harrowed and watered daily.

Eastern Parkway—The work of resurfacing parts of the main roadway was completed early in the fall, and it is now in fair condition. The promenades and cycle paths on either side of the roadway were resurfaced with limestone screenings at various points. The grass borders were cut and trimmed, the trees pruned and scraped, and forty-five large sized elms were planted. As above stated, the paving and remodeling of the traffic roads is now in progress, and when completed in the spring will be well able to take care of the ever-increasing traffic. The main roadway is yet to be paved, and application will be made to the Board of Estimate and Apportionment for the necessary money at an early date. The plaza surrounding the

Slocum monument was regraded and resurfaced, and new brick gutters were built to facilitate drainage.

Shore Road—The Shore road was carefully looked after and improved at many points. Plans are being prepared for the widening of the same, preparatory to the final completion of this important work. Pursuant to the resolution of the Board of Aldermen of November 24, 1905, plans were prepared for the elimination of all grade crossings on the Shore road for its entire length. When the necessary engineering data in connection with these bridges shall have been obtained, they will be submitted to the Board of Estimate for approval and adoption.

Fort Hamilton avenue has been well attended to. Numerous repairs to the roadways have been made, and the entire parkway kept in a clean and wholesome condition. That portion of the same between Ocean avenue and the Park Circle has been resurfaced with trap rock and screenings, and is in good condition.

Bay parkway has been cleaned, repaired and sprinkled. The section between Ocean avenue and Gravesend avenue has been resurfaced with trap rock and gravel.

The streets in the Twenty-sixth Ward have been cleaned daily, repaired where required, and sprinkled during the summer season.

A special appropriation of twenty thousand dollars (\$20,000) was granted by the Board of Estimate and Apportionment for the care and preservation of the street trees. Work was started in May under the supervision of trained arboriculturists. The work of spraying to guard against the ravages of insects was started early in June and continued with vigor throughout the year. A systematic warfare was carried on against a number of insects and fungus pests, such as the Tussock moth, which has fed on the trees of Brooklyn and Queens, the Elm Leaf beetle and the Army worm; all these have wrought much damage to the trees. As a result of the warfare on these plagues seven thousand eight hundred and fifty-nine (7,859) trees were sprayed, and ten thousand eight hundred and eighty-three (10,883) were freed from cocoons and egg-masses by scraping.

Five thousand six hundred and ninety-six (5,696) trees were pruned, and the diseased cavities of nine hundred and ninety (990) trees were cleaned and filled with cement to keep out the further entrance of moisture and fungal spores. In addition to this, twelve hundred and sixteen (1,216) requests for assistance were responded to by performing the work, not only on the particular trees in question, but in many cases on the whole block or street, and, in a few instances, the whole section of the borough was treated. Advice was also freely given to many citizens seeking information regarding trees or shrubs on their own property.

Five hundred and one (501) dead and dangerous trees were removed on request or otherwise, and sixteen hundred and nine (1,609) trees were "dressed," i. e., borers killed, wounds tarred and fungus removed. Some time was devoted to supervising the pruning of trees by car or telephone companies, as well as to the mutilation of



LARGE LAKE, PROSPECT PARK.

roots in laying new curbstones. Of the many requests for permits four hundred and eighteen (418) were granted; some had to be refused, and others, that involved technical treatment, were attended to by our own men or under the supervision of one of our men. There was considerable other work of a varied character, such as the transplanting of trees, preventing the destruction of trees by electric wires, gas and salts, and the loosening of tight guards and wires that were girdling trees.

Concerts in the Parks.

Concerts in Prospect Park opened on June 3 and closed on September 30. Music was provided every Saturday and Sunday between the above dates. The first concert was given by the United German Singers of Brooklyn, numbering three hundred, assisted by the Twenty-third Regiment band. This aggregation of singers and musicians also practically closed the season on Sunday, September 23, one postponed concert being given the following Sunday, September 30. Both were largely attended and much appreciated. Thirty-two (32) concerts were given in Prospect Park, and forty-four (44) in the smaller parks, as follows: Highland Park, eleven (11); Fort Greene Park, ten (10); Sunset Park, four (4); Red Hook Park, three (3); Saratoga Park, one (1); Irving Square, one (1); Flushing Park, three (3); College Point Park, two (2); Winthrop Park, three (3); Bushwick Park, three (3); Kings Park, two (2); Corona, one (1).

Picnics, Baseball, Tennis, Golf, etc.

During the year four hundred and fifty-two (452) picnics were held in Prospect Park, with an aggregate attendance of fifty-three thousand (53,000). Over fourteen hundred (1,400) permits were issued to play tennis in Prospect Park; twelve hundred and fifty (1,250) permits for golf at Forest Park, and one hundred and fifty (150) for croquet at Prospect Park.

Over three thousand (3,000) permits were issued for baseball on the Parade grounds. There were one hundred and ninety-seven (197) games played in April, six hundred and sixty-four (664) in May, five hundred and two (502) in June, three hundred and fifteen (315) in July, three hundred and fourteen (314) in August, three hundred and three (303) in September, and fifty-four (54) in October, a total of twenty-three hundred and forty-nine (2,349). Permits were also issued for three hundred and ten (310) games of football and two hundred and twenty-four (224) games of cricket.

Skating in the Park.

On Thursday, December 27, the lakes were opened for skating, the ice being between 4 and 5 inches in thickness. Several thousand people availed themselves of the privilege, but after five hours I deemed it unsafe, a thaw having set in, and ordered the lakes cleared. There was no skating during January, February and March.

Revenue.

During the year the sum of twenty-one thousand and sixty-eight dollars and eighty-two cents (\$21,068.82) was received for rents of houses and revenue from park privileges and bay windows, sale of property, etc., which was turned over to the City Chamberlain for deposit to the credit of the Revenue Bond.

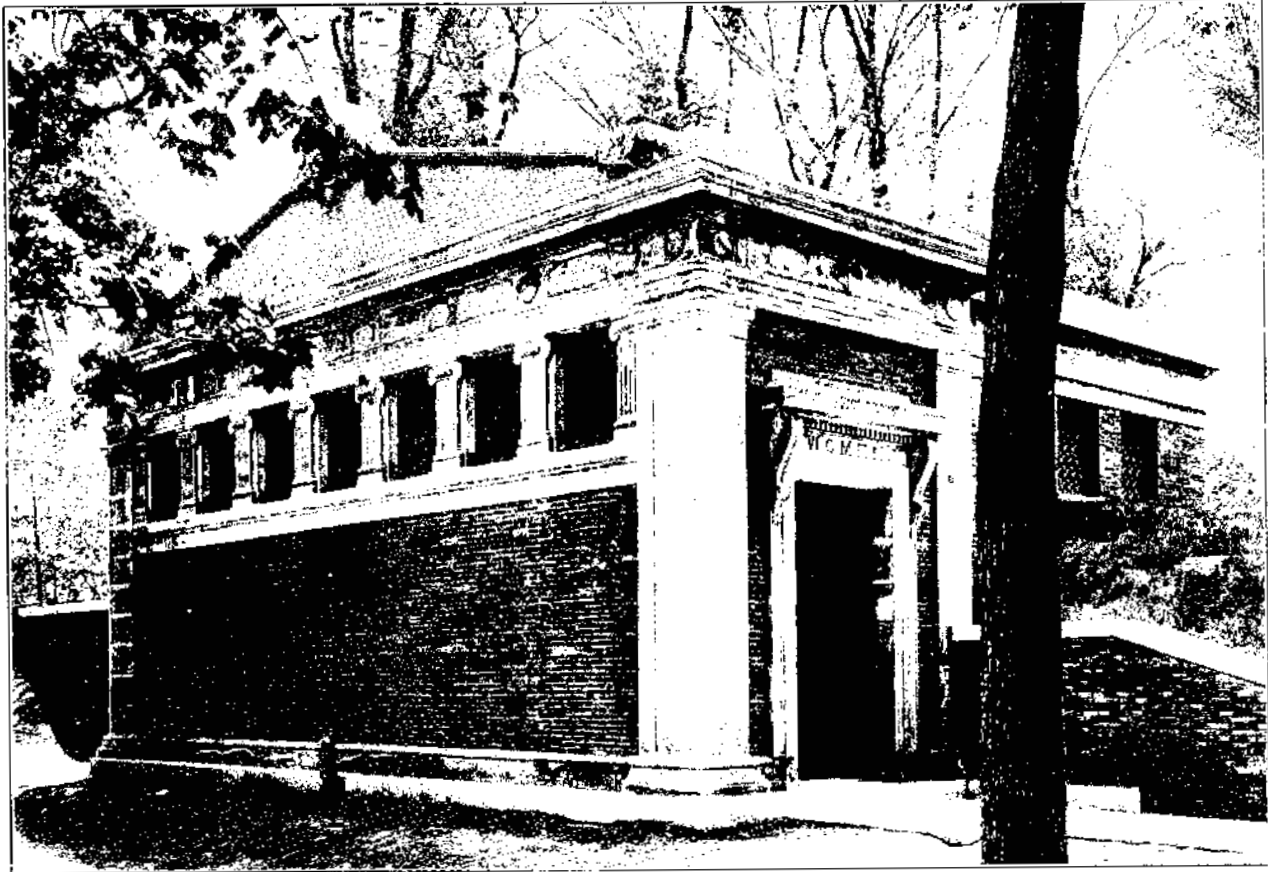
Donations.

The following donations were received for the conservatories and menagerie:

- Mrs. Charles Wise, No. 826 Union street, one drocene, 8 feet high.
 Mrs. Bennet, No. 786 President street, three cacti plants.
 Mrs. A. Amolde, No. 652 Marcy avenue, two century plants.
 Mrs. E. H. Brice, No. 327 Putnam avenue, one rubber plant.
 Miss Haebe, No. 355 South Third street, seven cacti, three myrtle, two iris.
 Mrs. M. M. Davis, No. 282 Gates avenue, one rubber plant.
 Mrs. John B. Suydam, No. 496 Madison street, one lemon tree.
 Mrs. O. Kroos, No. 19 Fairview place, one cacti plant.
 Mrs. Longmore, No. 433 Eleventh street, one araucaria plant.
 Mrs. L. Knight, No. 466 Argyle place, one agave.
 Rev. T. N. Terry, No. 253 Lenox road, 200 ismine bulbs, 500 tigridia bulbs, 200 calla lily bulbs, 100 acorus roots.
 Mrs. W. A. Tyler, No. 682 Ocean avenue, one rubber plant.
 Mr. Arnold Francisoli, No. 235 Clinton street, one horned owl.
 Mr. A. Pines, No. 38 East Tenth street, New York, one red fox.
 Mr. A. A. Leverich, No. 499 McDonough street, one rabbit.
 Mr. F. K. Pashley, Cortelyou Club, Bedford, near Newkirk avenue, one great horned owl.
 Mrs. M. Magee, No. 259 Hoyt street, one sulphur crested cockatoo.
 Mr. Alfred Bedell, No. 513 Chauncey street, one raccoon.
 Mr. A. R. Blum, No. 800 Moore street, one Brazilian parrot.
 Mr. Jacobson, No. 14 Vanderbilt street, one pea fowl.
 Hon. George B. Everson, No. 364 Greene avenue, two parrots.
 Mrs. Jumel, No. 46 East Eleventh street, one monkey.
 Mrs. Duge, No. 353 Flatbush avenue, one crow.
 Mr. William F. Devoe, No. 478 McDonough street, one magpie.
 Mr. Sophus Fischer, No. 680 Carroll street, one prairie hen.
 Mrs. A. G. Carter, No. 247 Carroll street, five rabbits.
 Mrs. G. W. Rasch, Ninth avenue and Sixth street, one horned owl.
 Central Park, one male buffalo.
 R. K. Swan, No. 176 Washington Park, one owl.



GOLF HOUSE, FOREST PARK.



SHELTER HOUSE, BEDFORD PARK.

WORK OF THE POLICE.

Annual Report in Relation to the Police Department.

Hon. MICHAEL J. KENNEDY, Commissioner of Parks, Boroughs of Brooklyn and Queens:

Sir—I have the honor to herewith submit the annual report of the work accomplished by the men constituting the police force of the Seventy-third Precinct, Prospect Park, together with such other information as may be of general interest and which comes under police supervision.

Police Force.

During the year the police force consisted of the following members: One (1) Captain, five (5) Sergeants, five (5) Roundsmen, seventy-two (72) Patrolmen and one (1) Doorman. One Sergeant and eleven Patrolmen are mounted on horses, of which two patrol the Eastern parkway and nine patrol the park proper; six are mounted on bicycles to patrol the principal drives and cycle paths around the park and Eastern parkway, and the five Roundsmen and fifty-five Patrolmen to patrol Prospect Park plaza and Institute Park on foot. Total force, eighty-four (84).

Number of Arrests.

During the year there were two hundred and seventy-three (273) arrests made, as follows: Violation of park ordinances, one hundred and forty-nine (149); intoxication, forty-one (41); disorderly conduct, twenty-eight (28); violation of motor vehicle law, fifteen (15); petit larceny, ten (10); assault, nine (9); vagrancy, six (6); cruelty to animals, six (6); assault and robbery, two (2); reckless driving, two (2); indecent exposure, two (2); larceny from person, two (2); interfering with an officer, one (1).

Accidents.

There were one hundred and twenty-six (126) ambulance calls during the year to attend people taken sick in the park, injured in baseball and football games and the results of accidents in vehicles, runaways, collisions with carriages, etc. Taken to the hospital, forty-three (43); removed to homes, eighty-three (83). There were three (3) suicides, two (2) by shooting and one (1) by hanging. There were two (2) drowned, and one (1) foundling found.

Respectfully submitted,

JOHN W. WORMELL,
Captain, Seventy-third Precinct.

STATEMENT.

Museums of the Brooklyn Institute of Arts and Sciences.

The central pavilion, or second section of the Museum building, which was completed and turned over by the Department of Parks to the Brooklyn Institute of Arts and Sciences for its use in the year 1905, increased the amount of exhibition space very greatly, and during the entire year of 1906 collections illustrating the arts and sciences have been in the process of installation in the galleries of this section, the galleries being open to the public continuously throughout the year. The collections on the first or vestibule floor comprise casts of Greek and Roman sculptures and the Institute collections of marble sculptures. In the galleries on the second floor are arranged large groups of mammals and birds, together with series of natural history specimens illustrating the various phases of animal life. The main gallery, on the third floor, is occupied by the Museum collections of bronzes, the Robert B. Woodward collections of ancient glass, the Avery loan collection of Japanese cloisonne, and other smaller collections.

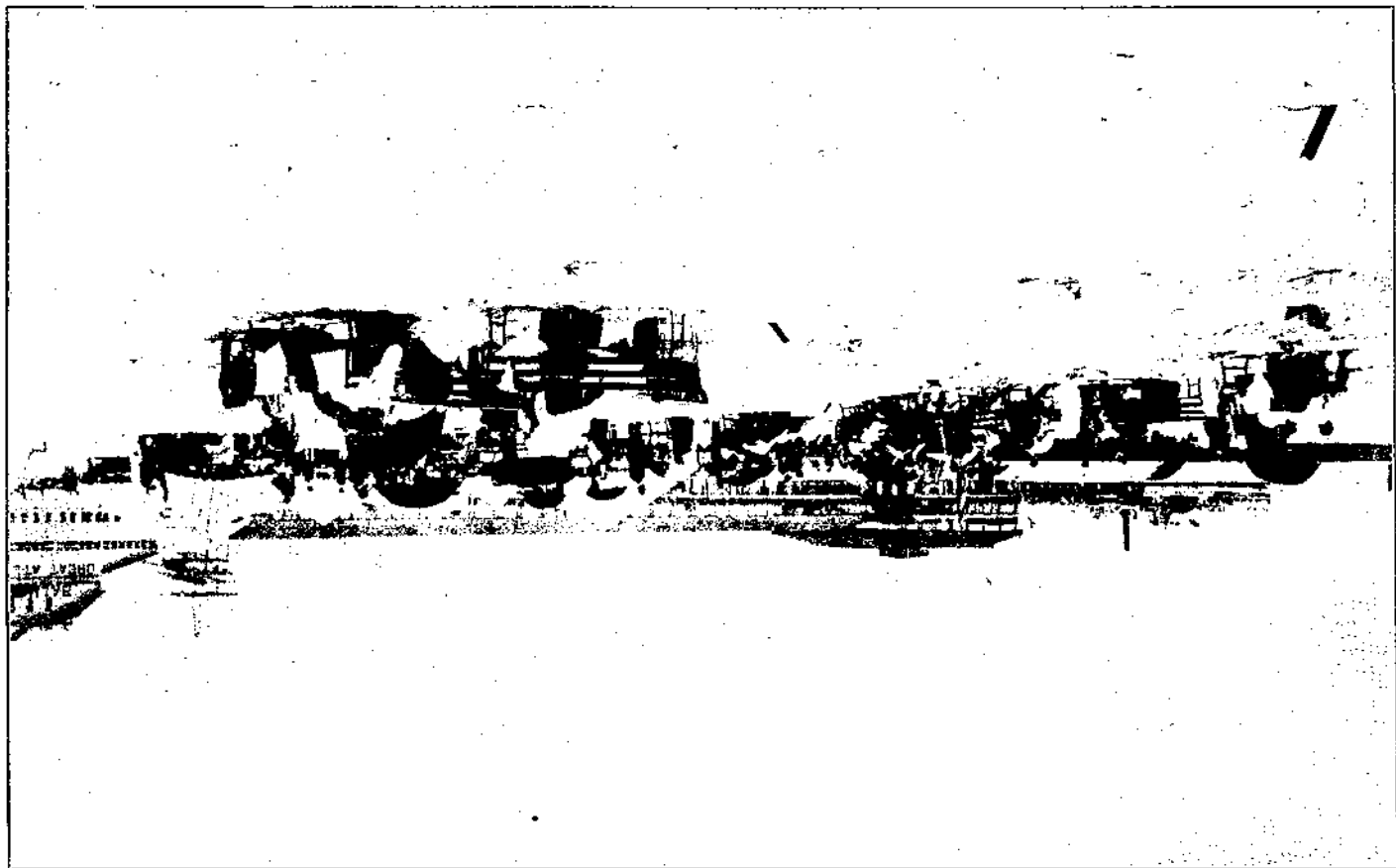
The work on the front steps and central approach to the Museum building, commenced in 1905, was completed in December, 1906, and was turned over by the Department of Parks to the Institute on December 24, 1906. The front steps are of stone and form a magnificent and fitting entrance from the Eastern parkway to the Museum building. They are supported by a reinforced concrete construction, and underneath the steps are two storage rooms—the lower one, on a level with the sub-basement floor, is some 70 by 150 feet; the upper one, on a level with the basement floor, is some 96 by 20 feet. These two large storerooms are well heated, lighted and ventilated, and will serve for the required Museum storage purposes for many years to come. The P. J. Carlin Construction Company erected the front steps and the central approach at a cost of eighty-eight thousand nine hundred dollars (\$88,900).

The work of constructing the third, or eastern, section of the Museum building, begun in 1904 and continued during 1905, has been in progress during the entire year of 1906. The architects, Messrs. McKim, Mead & White, expect that this section will be completed in January, 1907. This third section comprises six stories—a cellar, which contains heating and ventilating apparatus, and storage room 12 feet in height, and a sub-basement floor, containing five rooms, designed for the use of Curators, Taxidermists, Carpenters, Cabinetmakers and mechanics. The basement floor will contain three rooms for the use of the library, and also the natural history laboratories. The four galleries on the first, or main floor will be occupied by art collections; the four galleries on the second floor by natural history collections, including the Henry A. Ward collections of sponges and corals, and three galleries on the upper floor, which are provided with skylights, will contain collections of paintings. On the completion of this section, early in 1907, the work of the installation of collections in its galleries will be commenced.



BEACH, SEASHIDE PARK, CONEY ISLAND.

BEACH SEASIDE PARK, CONEY ISLAND.



In accordance with the authority granted on December 26, 1905, by the Board of Aldermen to the Department of Parks of Brooklyn and Queens, a form of contract for furnishing thirty monolithic sculptures and for the carving of the pediment over the central portico of the Museum building has been prepared by the architects, Messrs. McKim, Mead & White, and has been approved by the Corporation Counsel. The amount appropriated to cover the cost of the monolithic sculptures and the carving of the pediment, including fees of architects, is one hundred and twenty-two thousand dollars (\$122,000). On the recommendation of the Board of Trustees of the Institute, Mr. Daniel G. French has been selected by the Park Commissioner of the Boroughs of Brooklyn and Queens as the sculptor under whose direction and guidance the work will be done. It is expected that Mr. French will associate with him as many as two other sculptors in the work, and that it will require some three years to complete the work. The general character of the sculptures will be such as will conform to the design of the building, and the subjects of them will illustrate the arts and sciences of various periods in the development of civilization.

The Board of Estimate and Apportionment and the Board of Aldermen of The City of New York passed an ordinance in the spring of 1906 for an issue of Corporate Stock of the City in the sum of fifty thousand dollars (\$50,000) for the purpose of providing means to pay for carefully studied plans of the completed Museum Building and accessories in connection with the Institute, said fifty thousand dollars (\$50,000) to be considered as a payment to the architects, Messrs. McKim, Mead & White, of one per cent. (1%) on the cost of work on portions of the Museum building to be erected in the future, until the entire cost of said work shall equal five million dollars (\$5,000,000).

The expense of the maintenance of the Central Museum, Eastern parkway and Washington avenue, and of the Children's Museum in Bedford Park, defrayed by the City, has been eighty thousand dollars (\$80,000), or the amount that was appropriated for that purpose. The Board of Estimate and Apportionment have increased the appropriation for the year 1907 to ninety-five thousand dollars (\$95,000), the additional fifteen thousand dollars (\$15,000) being required for the care and maintenance during 1907 of the new eastern wing, now nearly completed, and of the front steps and the central approach.

The members and friends of the institute have made during the year 1906 very generous subscriptions to various funds for the purchase of scientific collections and works of art for the Museum, and the Museum has been in receipt of a very large number of valuable gifts during the year. In the administration of the museums it is understood that the City will provide for the maintenance of museum buildings and grounds, but that the collections shall be furnished and increased by the institute through the income of special endowment funds and through the benefactions of its many members and friends. Among the more important acquisitions and gifts during the past year are the following:

A marble sculpture, "Facchiante," by Frederick MacMonnies, purchased for the sum of five thousand dollars (\$5,000) on account of the income of the Ella C. Woodward Memorial Fund.

A painting entitled "The Portrait of a Lady," by Fantin Latour, purchased for three thousand five hundred dollars (\$3,500), contributed by members and friends of the institute.

A painting by J. McNeill Whistler entitled "Portrait of Miss Florence Leyland," purchased for four thousand six hundred and seventy dollars (\$4,670), contributed by members and friends of the institute.

A triptych, the centre panel of which represents the Madonna and Child, and the side panels two of the Evangelists, presented by Mr. A. Augustus Healy.

A painting entitled "Near the Marsh," by R. Swain Gifford, presented by the Hon. Carl H. DeSilver.

Three paintings by Vassili Verestchagin, entitled (1) "The Crucifixion," (2) "A Resting Place for Prisoners," (3) "The Road of the War Prisoners," and one painting by Jurian Ovens, entitled "The Day of Pentecost," presented by Mrs. Lilla Brown, in memory of her husband, the late John W. Brown.

A portrait painting of the late Eugene G. Blackford by Richard Creifelds, purchased from the John B. Woodward Memorial Fund.

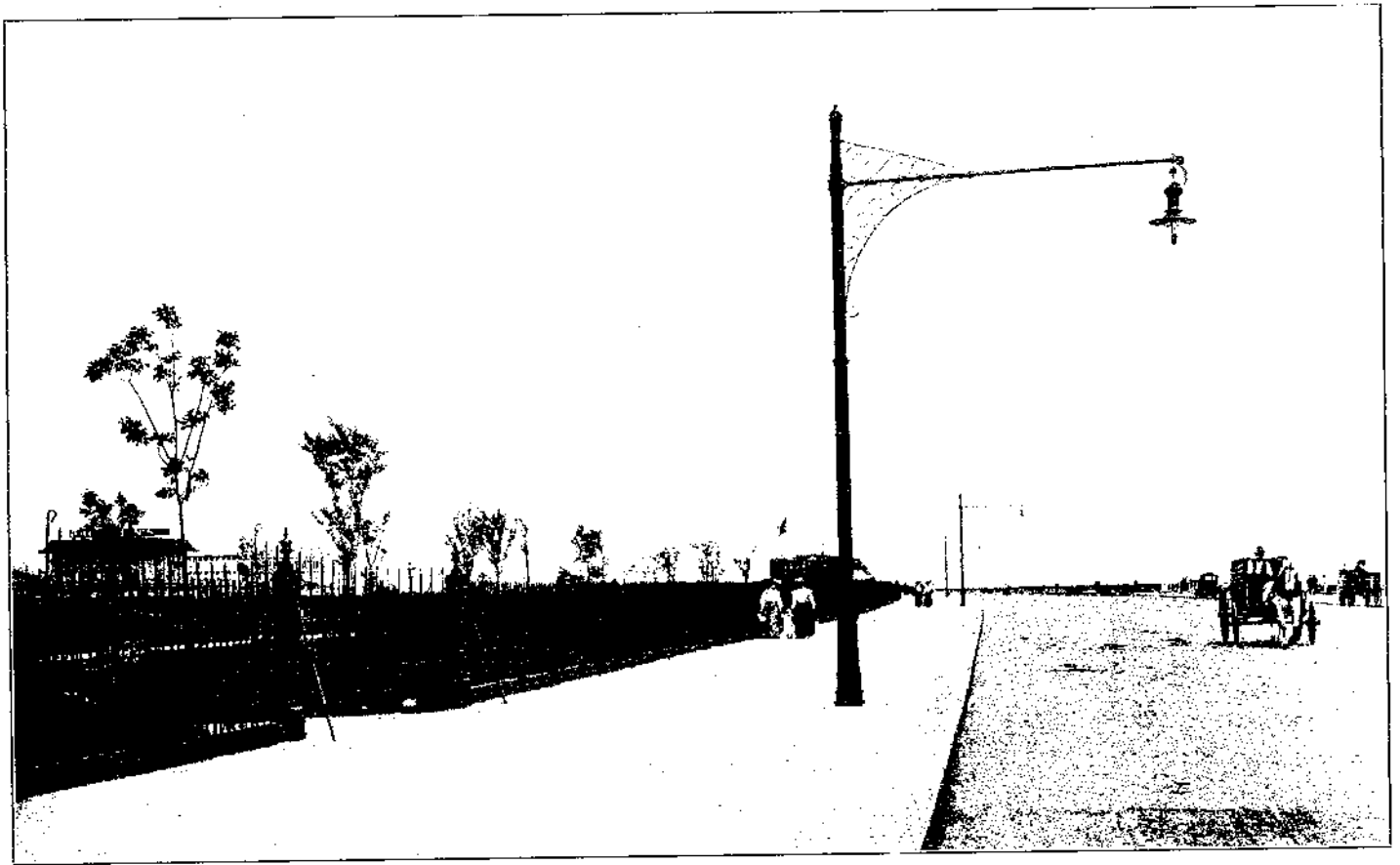
Casts of the tombs of Lorenzo and Guillano di Medici, with architectural setting, purchased from the Museum Collection Fund (subscriptions by members and friends of the institute), for one thousand three hundred and twelve dollars (\$1,312), and casts of sculptures purchased from the same fund for six hundred and twenty-five dollars (\$625).

Egyptian Collections—Egyptian mummy and mummy case, presented by Mr. George C. Brackett.

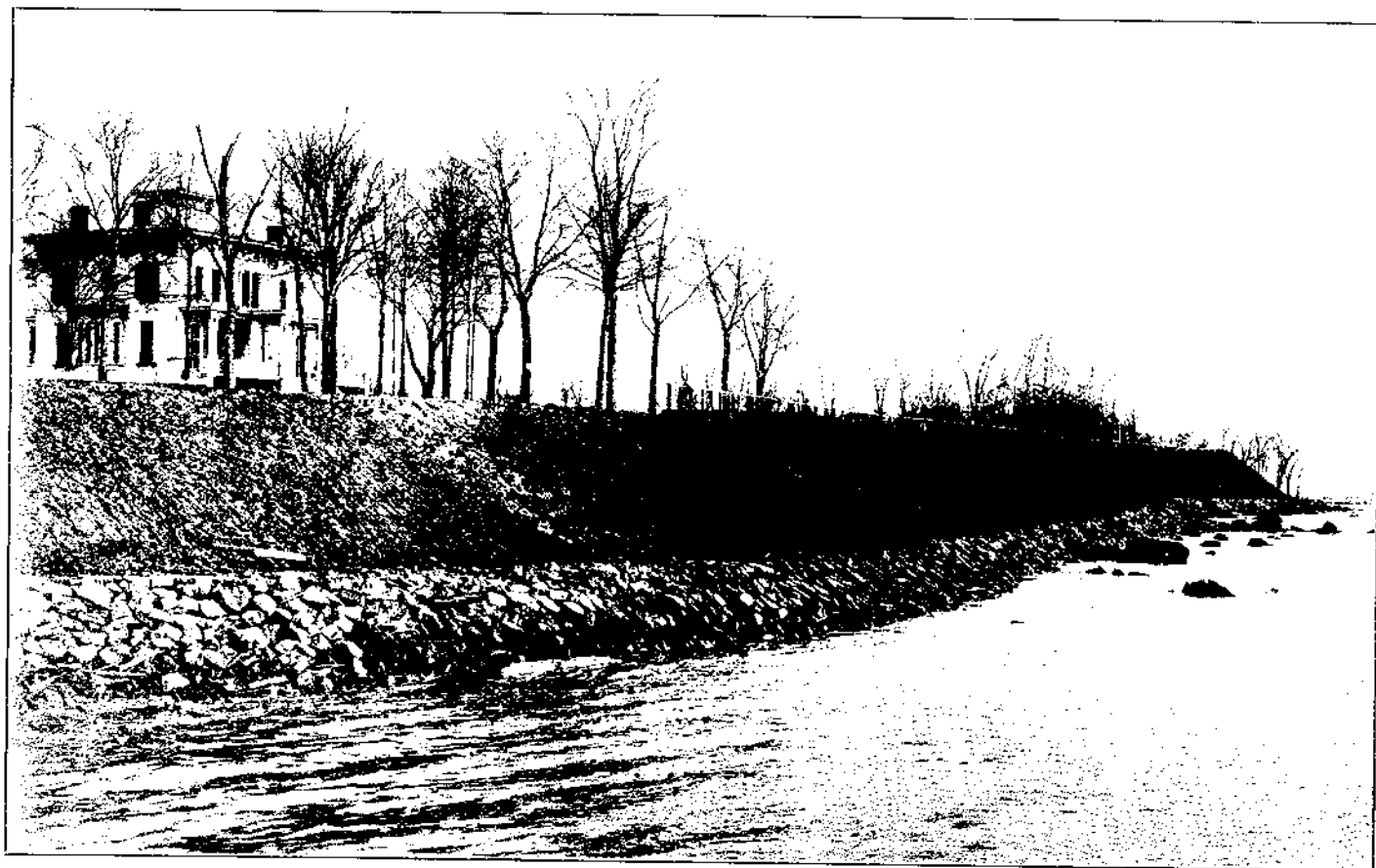
Three paintings purchased with the income of the John B. Woodward Memorial Fund, entitled (1) "The Lazy Sea," by Emil Carlsen; (2) "Dreamland," by Henry Golden Dearth, and (3) "After the Rain," by Paul Cornoyer.

Seventeen paintings representing the Italian school of the seventeenth century, presented by Mr. Francis Gottsberger, in memory of his wife, the late Mrs. Eliza Gottsberger, the titles of which are as follows: "Madonna and Child," "St. Anthony of Padua," "Head of St. Peter," "Head of St. Paul," "Lot and His Daughters," "Abraham and the Angels," "Death of Young King Moab," "St. Jerome at the Island of Patmos," "Judgment of Solomon," "Ceiling, Allegorical," "Portrait of Lady," "Portrait of Gentleman," "Adoration of the Magi," "Adoration of the Shepherds," "Coin of the Realm," "Death of Queen Dido."

A painting entitled "Return to the Coast," by Henri Rene Ravant, presented by Mr. Abraham Abraham.



NEW SIDEWALK, CONCOURSE, CONEY ISLAND.



TEMPORARY WIDENING, SHORE ROAD.

A painting entitled "The Mosque," by Louis C. Tiffany, presented by Mr. George Foster Peabody.

A series of twenty-one panels of mosaic pavements from ruins in North Africa, purchased for one thousand seven hundred and forty-three dollars and seventy-five cents (\$1,743.75) on account of the Museum Collection Fund of 1905 (subscriptions by members and friends of the institute).

A painting entitled "The Fugitive," by Thomas Couture, purchased on account of the Museum Collection Fund of 1906 (subscriptions by members and friends of the institute).

A painting entitled "The Adoption of the Constitution," by James B. Stearns, presented by Mr. Sylvester L. Stearns.

A portrait painting of the late James S. T. Straubahn, by Daniel Huntington, presented by Mrs. Mary S. Croxson.

A painting entitled "The Water Carrier," by Hector Leroux, presented by Mr. Peter Geddes.

A portrait of William II., Emperor of Germany, by Keinke, after the original by V. Corcos, presented by the Emperor.

A portrait of Daniel Webster, by T. G. Chandler, presented by Mrs. J. V. Wilbur.

From the estate of the late Caroline H. Polhemus, sixty oil paintings, twelve water colors and other works of art.

A painting entitled "The Forest Camp," by E. Irving Couse, A. N. A., presented by Adolph Obrig.

Two paintings, entitled (1) "Christian Martyrs in the Catacombs," by Gabriel Max, and (2) "The Unruly Calf," by Winslow Homer, presented by the Hon. Charles A. Schieren.

Two landscape paintings by de Roos, presented by the estate of Richard P. Buck.

A portrait painting of M. James J. Tissot by himself, presented by Mr. Thomas E. Kirby, of the American Art Association of New York.

Ceramics, Porcelains and Other Works of Art.

Sixty lacquer dishes and one hundred and forty-seven books, presented by Mr. Samuel P. Avery.

Two Japanese musical instruments, "Koto and Samusin," three Chinese bronzes from the "Bishop Collection," one small shrine and two large gilt seated Buddha, presented by the Hon. Carl H. De Silver.

Fifty pieces of china, one book "Mexican Painting and Painters," a Chinese carved cinnabar lacquer box, and Austrian enameled glass, presented by the Rev. Alfred Duane Pell.

Engravings, Photographs and Books.

Two volumes entitled "Investigations and Studies in Jade," this copy being No. 52 in a series of one hundred copies published at a cost of about eighteen hundred dollars (\$1,800) a copy, presented by the estate of Heber R. Bishop.

Twenty-four colored engravings of the Loggia frescoes by Raphael. (Copper-plate engravings, hand-painted). presented by Dr. Nathan T. Beers.

Fifty-seven photographs of Venetian frescoes, by Tiepolo, presented by Mr. William H. Hooper.

Eighty-one photographs of paintings, sculptures and famous buildings of Europe, collected by Henry Ward Beecher, presented by Mr. F. E. Haight.

Photograph of model of frigate "Constitution," presented by Mr. John Robinson, of Salem, Mass.

To the scientific collections many additions were made. Among the more notable of these are the Henry A. Ward collections of corals and sponges, purchased from Ward's Natural Science Establishment, Rochester, N. Y., for the sum of five thousand dollars (\$5,000), paid from the Museum Collection Fund of 1906. The collections comprise some eight hundred (800) specimens of sponges and three hundred (300) corals. These collections will be placed on exhibition in the large gallery on the second floor of the eastern section of the Museum Building when completed.

The Greeger collection of shells, comprising some two thousand species, together with collections of shells and birds received from the estate of the late Henry Mumford.

From the estate of the late John W. Cooper, three pairs of horns of cattle--the black Spanish, the South African and the South American.

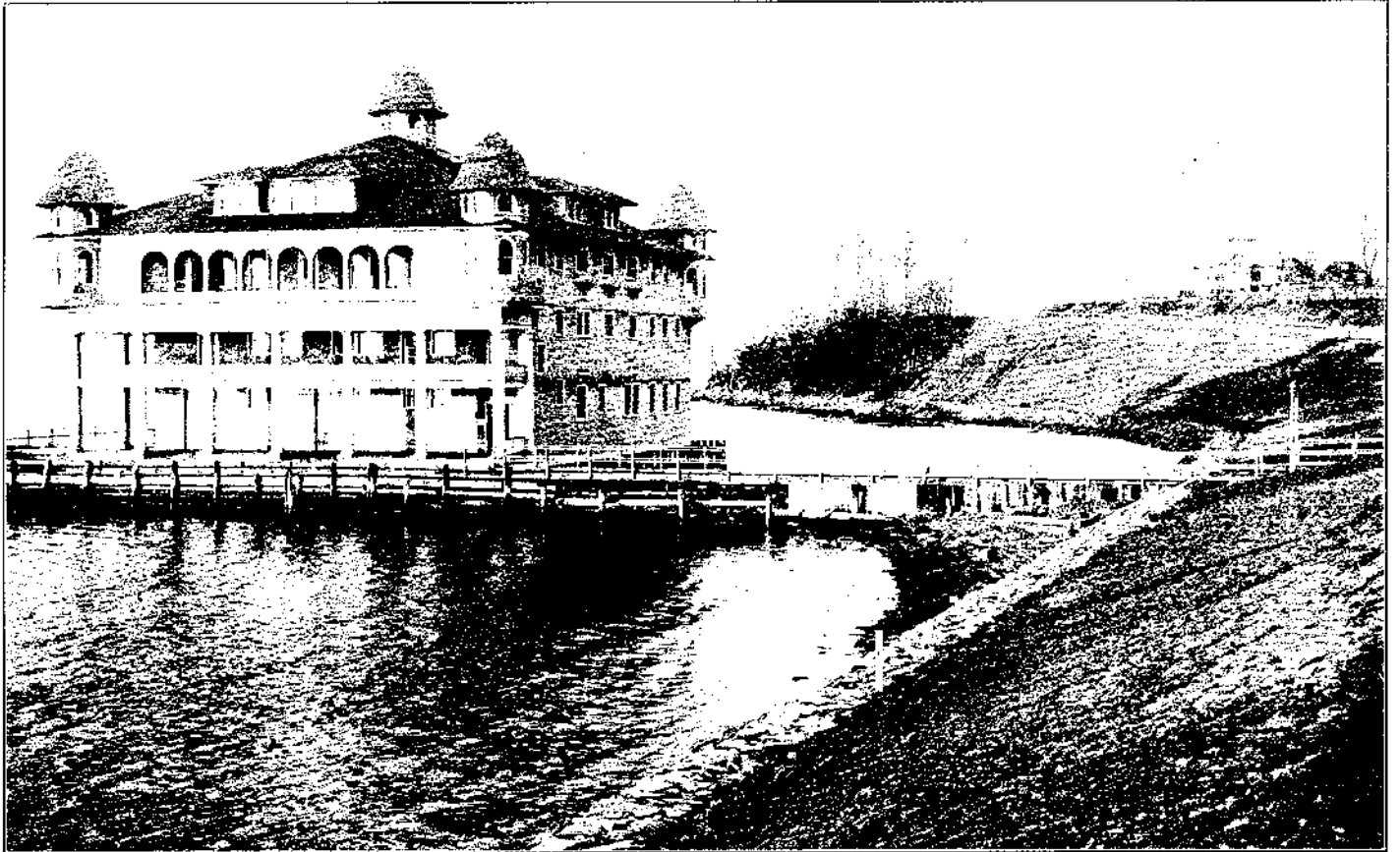
From Mr. William T. Hornaday, the skin of a large male mountain sheep.

From the New York Zoological Society: One (1) Galapagos tortoise, one (1) bob-cat, one (1) ostrich and cassowary for skeletons, one (1) polar bear, one (1) muskrat, one (1) monkey, one (1) European white stork, one (1) large baboon, one (1) Malabar squirrel, one (1) Dorcas gazelle, one (1) ostrich for skeleton, one (1) Canada lynx, one (1) anteater, one (1) Spanish ibex, one (1) moor monkey, one (1) sooty mangaby, one (1) Canada porcupine, one (1) boa constrictor, black bear skin, brown pelican, brown bear skin, kit fox skin, European stork skeleton.

From Col. Robert B. Woodward thirty additional specimens of mounted animals, illustrating methods of flight.

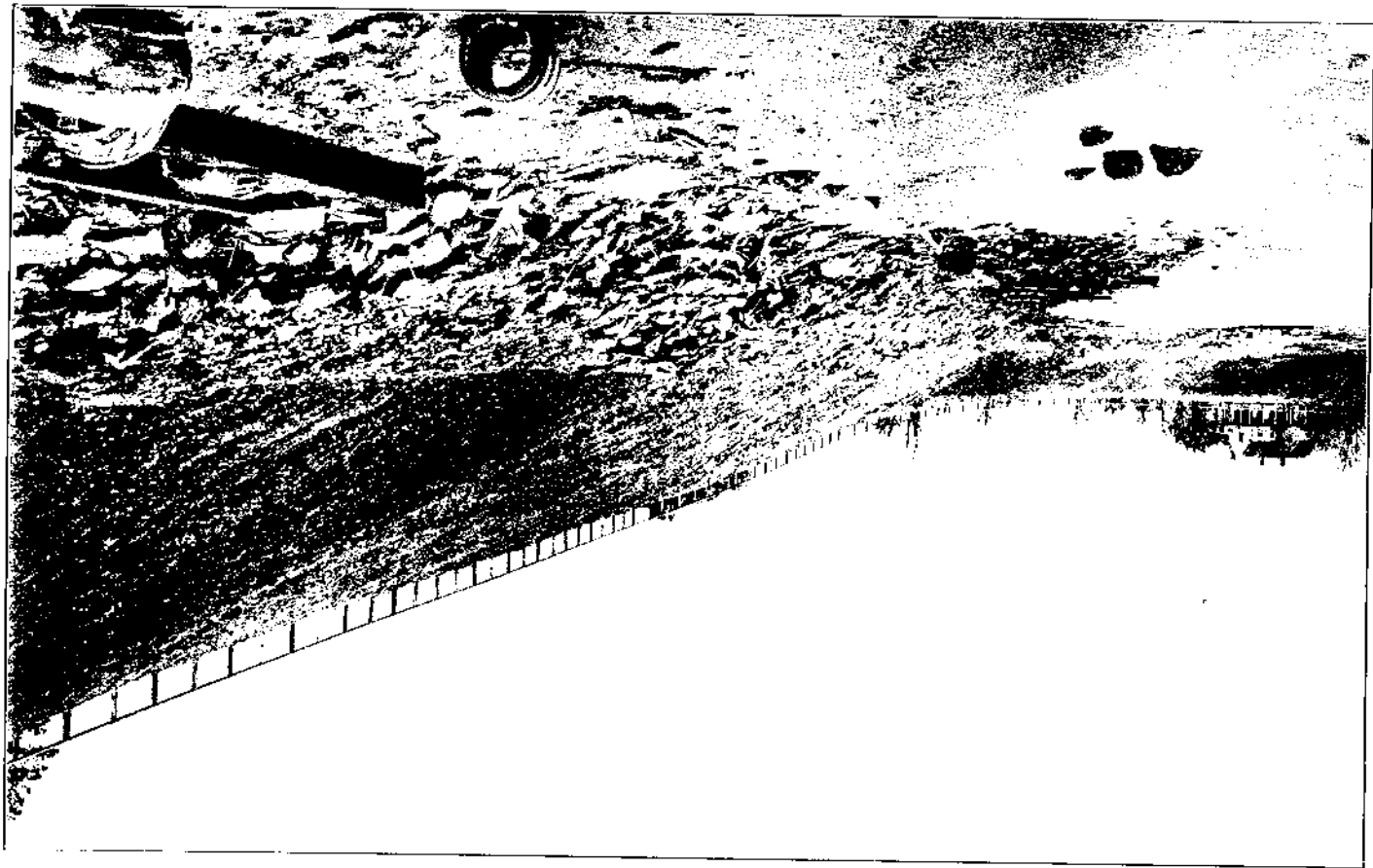
From Ward's Natural Science Establishment, by purchase, at one thousand dollars (\$1,000), a mounted skeleton of a sperm whale. Also by purchase, one skeleton of the Hatteria.

Ethnological collections from Arizona, New Mexico and the Pacific Coast were purchased at an expense of five hundred dollars and fifty-five cents (\$500.55) from the



TEMPORARY WIDENING, SHORE ROAD.

TEMPORARY WIDENING, STORE ROAD.



Museum Collection Fund of 1906 (subscriptions by members and friends of the institute).

From Hon. Carl H. De Silver, skins and skulls of sea elephant, and skins of penguins.

From Messrs. Carl H. De Silver and George C. Brackett, a group of Gila monsters.

On the recommendation of the Park Commissioner of the Boroughs of Brooklyn and Queens and the Board of Trustees of the Institute and with the approval of his Honor Mayor McClellan, two laws were enacted by the New York State Legislature in the spring of 1906, which have an important bearing upon the work of the institute and its co-operation with the Department of Parks in providing means for public education. The first of these measures, chapter 618 of the Laws of 1906, is entitled "An Act to amend chapter 509 of the Laws of 1897, entitled 'An Act to provide for the establishment of a Botanic Garden and Arboretum on park lands in the Borough of Brooklyn.'" The second of these measures is chapter 637 of the Laws of 1906, and is entitled "An Act to authorize a change in the site of the Astronomical Observatory of the Brooklyn Institute of Arts and Sciences and to provide for the erection and maintenance of said Observatory." In fulfillment of the provisions of these acts the institute has secured a subscription of twenty-five thousand dollars (\$25,000) to be used in providing scientific instruments for the Astronomical Observatory, authorized to be established by chapter 637, and the institute has also secured a subscription of fifty thousand dollars (\$50,000), the principal or interest of which shall be used in providing plants for the Botanic Garden and Arboretum, authorized to be established by chapter 618.

Forms of agreement as between The City of New York and the Institute for the Establishment and Maintenance of a Botanic Garden and Arboretum and of an Astronomical Observatory have been prepared and submitted to the Board of Park Commissioners of the City during the year.

Courses of lectures were given in the large lecture hall at the Central Museum during the autumn and spring months and at the Children's Museum, Bedford Park, during the entire educational year from October 1 to June 1. These lectures at the Central Museum were open free to the general public, and at the Children's Museum to the teachers and pupils in the public and private schools of the City. The attendance at the Central Museum for the year ending December 31, 1906, was one hundred and forty-three thousand and forty-seven (143,047); at the Children's Museum, eighty-five thousand nine hundred and eighty-one (85,981).

Financial Statement Showing Amount Appropriated for Regular Maintenance, for Special Work, and Receipts from Rentals.

Title of Appropriation.	Appropriation for 1906 Allowed by Board of Estimate and Apportionment, January 1, 1906.	Transfers by Board of Estimate and Apportionment, Subsequent to January 1, 1906.	Total Apportionment, appropriation subsequent to 1-1-1906.	Expenditures.	Outstanding on Contracts.	Balance.
Administration	\$28,900 00	.....	\$28,900 00	\$28,900 00	.....	.....
Labor, Maintenance, Supplies and Care of Trees	585,000 00	.....	585,000 00	561,545 51	\$23,291 60	\$162 89
Maintenance of Museums	80,000 00	.....	80,000 00	67,335 58	.....	12 664 42
Music	12,864 00	.....	12,864 00	12,790 00	.....	74 00

BOND ACCOUNTS.

(Revenue Bond).

Title of Appropriation.	Amount of Appropriation.	Expenditures.	Outstanding on Contracts.	Balance.
Revenue Bond Fund for Maintenance of Parks, Parkways and Playgrounds Under the Jurisdiction of the Department of Parks, Boroughs of Brooklyn and Queens, 1905.....	\$11,844 73	\$10,822 65	.....	\$1,022 08
Revenue Bond Fund for Expenses Incident to the Contemplated Public Observance on the Occasion of Unveiling the Statue of Major-General Henry W. Slocum, at Eastern Parkway and Bedford Avenue, Borough of Brooklyn, N. Y.....	636 71	.....	.....	636 71
Revenue Bond Fund for Labor, Maintenance and Supplies for the Commissioner of Parks for the Boroughs of Brooklyn and Queens.....	3,477 22	3,421 68	.....	55 54
Revenue Bond Fund for Department of Parks, Brooklyn and Queens, Maintenance of Parks, Parkways, Playgrounds, etc., Deficiency in Appropriation, 1906.....	80,000 00	75,681 39	\$2,605 10	1,713 51
Revenue Bond Fund for Department of Parks, Brooklyn and Queens, Maintenance New Parks, Parkways and Drives, 1906.....	35,000 00	34,968 70	.....	31 30
Revenue Bond Fund for Department of Parks, Brooklyn and Queens, Care of Trees in City Streets, 1906.....	20,000 00	20,000 00	.....	.....
Revenue Bond Fund for Department of Parks, Brooklyn and Queens, Re-planting Trees in Prospect Park, 1906	50,000 00	48,944 21	1,050 00	5 79



TEMPORARY WIDENING, SHORE ROAD.

(Corporate Stock).

Title of Appropriation.	Amount of Appropriation.	Expenditures.	Outstanding on Contracts.	Balance.
Improvement of Parks, Parkways and Drives, Boroughs of Brooklyn and Queens	\$92,422 53	\$42,913 12	\$18,653 71	\$30,825 70
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Brooklyn and Queens.....	260,633 71	223,787 03	36,293 94	550 74
Completion of Shore Road, Between First Avenue and Fort Hamilton, Borough of Brooklyn.....	1,875,000 00	3 75	.....	1,874,996 25
Construction of Playgrounds and Purchase of Gymnasium Equipment for Boys and Girls, and Laying Sidewalks and Interior Walks, McLaughlin Park.....	35,000 00	.....	32,378 80	2,621 20
Construction of Shelter House, With Toilet Accommodations, Fulton Park	10,000 00	30 60	.....	9,969 40
Repaying Pennsylvania Avenue With Asphalt on Concrete Foundation...	25,000 00	.....	24,688 60	311 40
Laying Concrete Walk on West Side of Prospect Park, from Fifth Street to Fifteenth Street.....	7,902 07	7,610 80	.....	291 27
Construction of Approaches to the New Boathouse in Prospect Park and a Platform or Ramp on the Lake Side of Boathouse, as Designed in Original Plans of the Architect.....	35,284 85	20,065 94	11,629 00	3,589 91
Construction of New Entrance to Prospect Park at Fifteenth Street and Ninth Avenue.....	25,000 00	15 30	18,400 00	6,584 70
Construction of Comfort Station for Men on Park Land in the Vicinity of Main Entrance to Prospect Park.	12,000 00	2,592 50	9,307 50	100 00
Construction of Shelter House on Tennis Grounds, Prospect Park.....	50,000 00	.....	51 00	49,949 00
Purchase of Topsoil, Trees and Shrubbery for Amersfort Park.....	1,500 00	.....	58 33	1,441 67
Construction of Comfort Station on Children's Playgrounds at New Lots...	6,000 00	40 80	.....	5,959 20
Construction of Stone Shelter House and Comfort Station, Winthrop Park	25,000 00	46 92	.....	24,953 08
Construction of Temporary Fence and Regulating and Grading Williamsburg Park.....	25,000 00	.....	.....	25,000 00
Regrading and Cleaning Up Extension to Institute Park, Opposite Willink Entrance to Prospect Park.....	5,000 00	.....	.....	5,000 00
Laying of Asphalt Tile Walks, Interior of Sunset Park.....	24,000 00	.....	.....	24,000 00
Construction of Shelter House and Comfort Station, Sunset Park.....	35,000 00	40 80	32,498 00	2,461 20
Construction of New Comfort House, City Park.....	12,000 00	.....	.....	12,000 00
Construction of Concrete Sidewalk East of Seaside Park and Purchase of Topsoil and Shrubbery for Said Park	4,480 00	2,167 50	1,882 50	430 00
Construction of Additional Greenhouses for Use in Propagation of Plants, etc., Forest Park.....	6,563 57	5,906 14	174 95	482 48
Construction of Water Tower, Pumping Station and Mains to Connect With Golf Clubhouse, Forest Park.....	7,500 00	29 58	.....	7,470 42
Laying Asphalt Tile Walks, Interior of Kings Park, Jamaica.....	11,000 00	.....	.....	11,000 00
Laying New Sidewalks Where Required Around Kings Park, Jamaica.....	3,400 00	.....	.....	3,400 00
Construction of Lockers and Interior Furnishings, New Boathouse, Prospect Park, Athletic Building on Parade Ground and Golf House in Forest Park.....	15,000 00	1,196 83	9,498 00	4,305 17

Title of Appropriation:	Amount of Appropriation:	Expenditures.	Outstanding on Contracts.	Balance.
Repaving and Recurbing Portion of Glenmore Avenue with Asphalt on Concrete Foundation.....	40,000 00	38,125 30	.....	1,824 70
Excavating, Regrading, Repaving with Asphalt Block on Concrete Foundation, Recurbing and Supplying Man-holes and Catch Basins, Two Traffic Roads Alongside of Eastern Parkway, from Prospect Park Plaza to the Intersection of Pirkin Avenue, Ralph Avenue and Eastern Parkway Extension	180,000 00	47,040 00	113,798 40	19,161 60
Construction of Additional Timber Jetty, Seaside Park, Coney Island.....	18,000 00	.....	.....	18,000 00
Purchase and Delivery of 4,500 Cubic Yards of Stone for Use on Bulk-head at End of Coney Island Parkway	15,750 00	.....	.....	15,750 00

BOND ACCOUNT.

Balances from 1901 (Brooklyn's Balances).

Title of Appropriation.	Amount of Appropriation.	Expenditures.	Outstanding on Contracts.	Balance.
Park Site and Improvement Fund.....	\$763 27	.....	.....	\$763 27
Museum of Arts and Sciences Fund....	424 87	.....	.....	424 87
Memorial Arch Fund.....	18 47	.....	.....	18 47
Park Purchase Fund	115 15	.....	.....	115 15
County Street Improvement Fund.....	728 91	.....	.....	728 91
County Improvement of Streets (additional).....	52 74	.....	.....	52 74

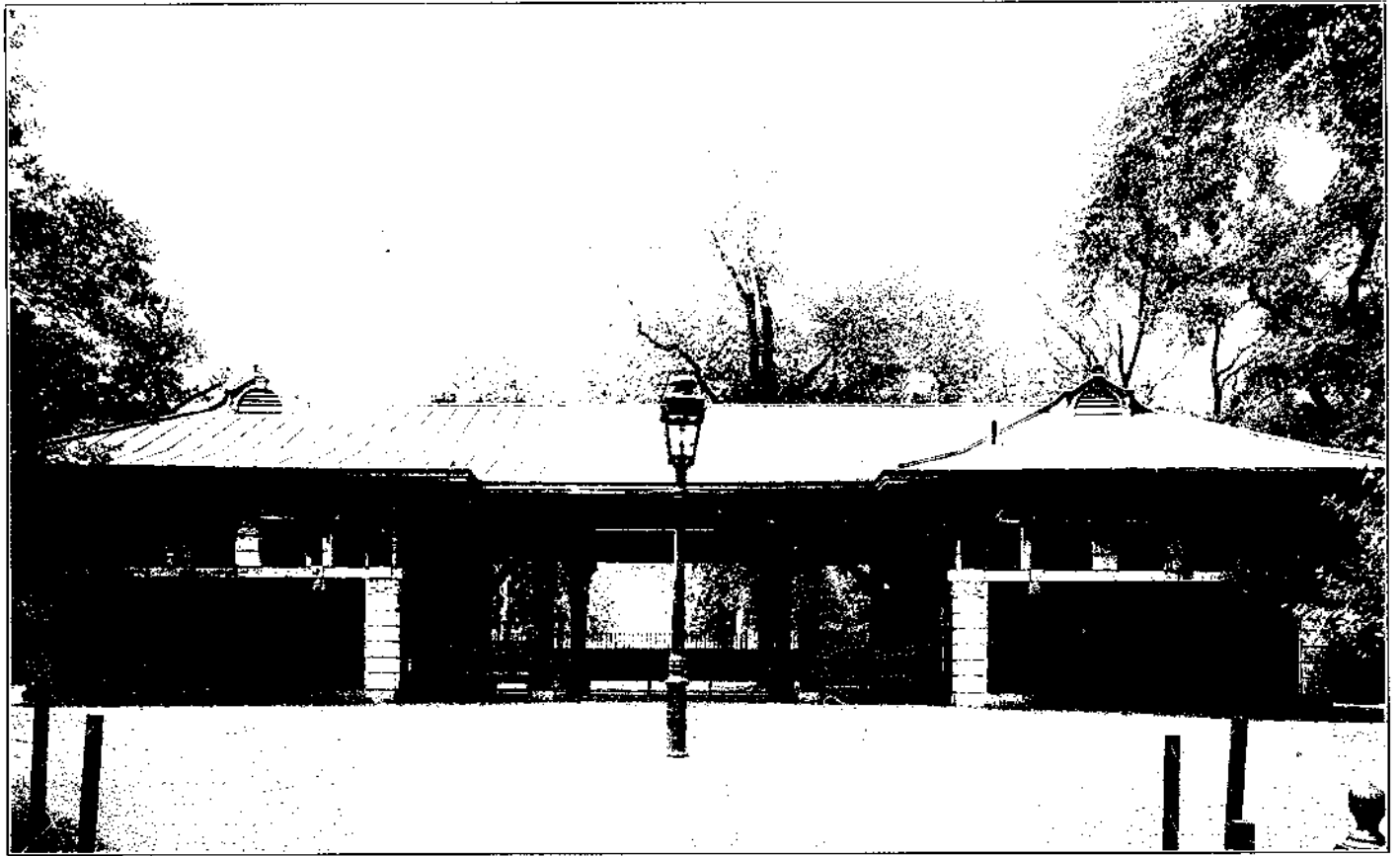
SPECIAL ACCOUNT.

(Balance from 1901.)

Title of Appropriation.	Amount of Appropriation.	Expenditures.	Outstanding on Contracts.	Balance.
Maintenance and Improvement of Public Parks on Brooklyn Heights, Borough of Brooklyn.....	\$962 63	.....	.....	\$962 63
Museum of Arts and Sciences Fund, Erection of an Addition.....	374,252 29	\$150,844 71	.....	223,407 58



SHELTER HOUSE, IRVING SQUARE.



SHELTER HOUSE, CARROLL PARK.

Revenue from Rents and Privileges.

Prospect Park	\$17,656 66	
Forest Park	376 05	
Canarsie Park	20 00	
Shore road and Bay Ridge parkway.....	1,283 50	
Furman street	550 08	
	-----	\$19,887 29
Sale of sheep, horses, etc.....	\$904 95	
Bay windows and ornamental projections.....	276 58	
	-----	1,181 53

		\$21,068 82
		=====