

THE CITY OF NEW YORK

DEPARTMENT OF PARKS

Report of the Year 1905



SUNDAY CONCERT—CENTRAL PARK.

THE CITY OF NEW YORK,

DEPARTMENT OF PARKS.

REPORT FOR THE YEAR 1905.

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THE PARK BOARD :

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Commissioner of Parks for the Borough of The Bronx.

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Commissioner of Parks for the Boroughs of Brooklyn and Queens.



SAMUEL PARSONS, Jr., Landscape Architect.

WILLIS HOLLY, Secretary.

* Died October 16, 1905.

† Appointed October 19, 1905.

DEPARTMENT OF PARKS.

REPORT FOR THE YEAR 1905.

BOROUGHES OF MANHATTAN AND RICHMOND.

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

Sir—Pursuant to the provisions of the Charter, I send you herewith report of the operations and finances of the Park Department, Boroughs of Manhattan and Richmond, during the year ending December 31, 1905.

Very respectfully,

MOSES HERRMAN, Commissioner.

The important feature of park work in the boroughs of Manhattan and Richmond for the year 1905 was undoubtedly the completion and throwing open to the public of two new parks and recreation centers. These parks are Thomas Jefferson Park at One Hundred and Eleventh to One Hundred and Fourteenth streets, First avenue to the East river, and DeWitt Clinton Park at Fifty-second to Fifty-fourth streets, Eleventh to Twelfth avenues.

In the line of the extension of park facilities was the substantial completion of the construction work of St. Gabriel's Park, between Thirty-fifth and Thirty-sixth streets, First and Second avenues.

Almost equal in importance, however, was the comprehensive and systematic work done in the matter of resoiling, reshaping and restoring parts of Central Park, pruning trees, removing dead timber and permanent betterments of walks and drives.

The work of graveling the East Drive north of McGown's Pass to entrances at Sixth and Seventh avenues, also the entrance drive at One Hundred and Sixth street and Eighth avenue, the driveway around the Circle on the hill near One Hundred and Sixth street, and the West Drive road to Bridge 26 on about a line of One Hundred and Third street, was completed.

A great quantity of graveling work was also done along the Central Drive from the Statue of Commerce to that of Daniel Webster, and the upper portions of the East and West drives, in connection with the laying of asphalt gutters. In the several places where the basins were removed or locations changed it was necessary to restore the drive by banking up the basin frames with gravel and restoring the sod borders of the lawns.

The work of manuring the lawns was very thoroughly done. All the large lawns of Central Park, such as the Ball Ground, the Green, North and South Meadows, the lawn at Ninety-seventh street and Fifth avenue, Cedar Hill, Cherry Hill, and the lawns bordering on the drives, received a heavy coat of manure. The herbaceous beds along the west side of the East Drive from about Eighty-fifth to One Hundredth streets were covered liberally, as were the ornamental shrubs such as rhododendrons and magnolias.

Very considerable work was also performed on the bridle roads. The gravel, which in many places had worked into the gutters, was thrown back and the roads were kept harrowed and in good shape for use.

The extent and character of the work done can probably best be shown by a brief resume from the records of the Engineering Department:

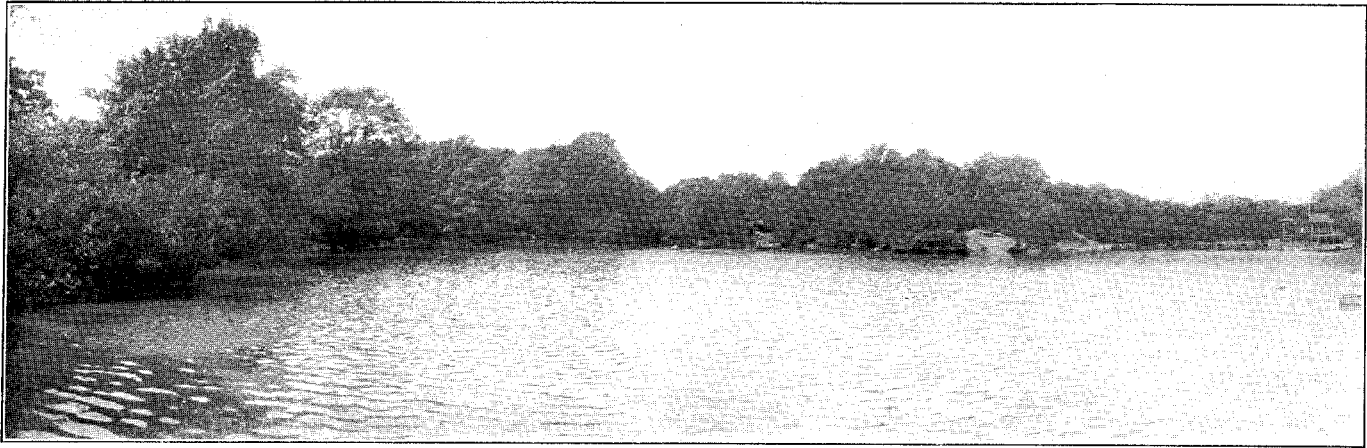
Central Park.

The work of constructing a pipe sewer from the Mineral Springs to the City sewer south of the Dairy in Central Park was begun in 1904, but was not finished until the latter part of 1905. The length of the main trunk sewer is over one-half a mile. The excavations vary in depth, in some places reaching 22 feet, about one-half of the work being through solid rock. In connection with this main various sub-drains were run to the cottages and buildings along the line, increasing the length of the pipe laid to practically 4,000 feet.

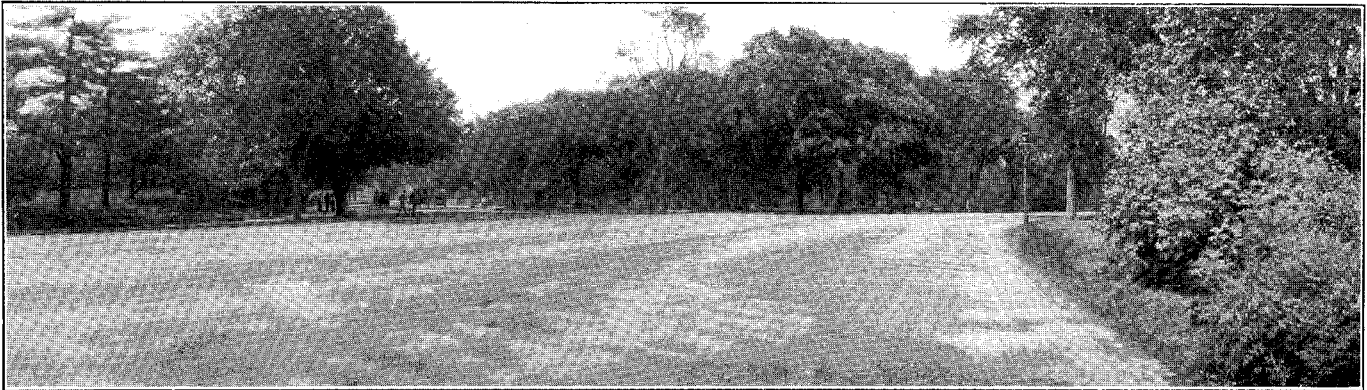
The entire territory of the park between Seventy-second and Fifty-ninth streets has been taken care of, and all sewage and waste water which formerly discharged into the lakes is now carried to the City sewers. Further work should be done in this direction, and if the appropriation which has been asked for to cover the same will be made available the remaining buildings in the park will be taken care of.

The amount of work performed on the contract was:

Cubic yards of excavation of earth, rock or other materials and removal of same	9,000
Cubic yards of refilling for trenches over pipe sewer.....	9,000
Linear feet of 15-inch pipe sewer laid.....	974
Linear feet of 12-inch pipe sewer laid.....	1,497
Linear feet of 10-inch pipe sewer laid.....	722
Linear feet of 8-inch pipe sewer laid.....	694
Linear feet of 6-inch pipe sewer laid.....	30
Road basins built.....	3
Surface basin built.....	1
Receiving basins built.....	6
Square feet of sod laid.....	16,701



LAKE AND BOAT HOUSE—CENTRAL PARK.



MAIN DRIVE—APPROACH TO THE MALL—CENTRAL PARK.

II

New Entrance to Park at Fifty-ninth Street and Seventh Avenue.

Demands were made on the Department for a permanent entrance to Central Park at Fifty-ninth street and Seventh avenue, to take the place of the temporary one which had been in use for some years and which had outlived its usefulness owing to its congested construction. The entire entrance was remodelled, a new drive was constructed on modern lines on a telford macadam foundation, with a gravel superstructure and asphalt block gutters. A new bridle road was laid out with connecting link from the north side of the drive to the existing bridle road in the valley. The entire topography to the east of the temporary road was remodelled and new walk systems were introduced, the said walks being of the rock asphalt type on concrete base with rubblestone foundations. A new drainage system was laid connecting with the old system, and the new basins for surface drainage were put in place. Steps were built and connecting walks formed crossing the drives and bridle road, and the entire slope territory was remoulded and resodded. The completion of this work opens a new entrance to the park and fills a long-felt want.

The following was the work done on the construction:

Square feet of walk area sub-graded by excavation and fill.....	5,507
Cubic yards of filling in roadways, walks and embankments.....	344
Cubic yards of rock excavation.....	10
Cubic yards of rubblestone in foundations for roadways and walks.....	131
Linear feet of bluestone steps set.....	84
Cubic yards of rubblestone foundation built for steps.....	10
Square yards of asphalt block pavement laid on Plaza at entrance and in gutters	277
Square yards of telford macadam roadway built.....	830
Square yards of bridle road built.....	415
Walk basins built	2
Roadway basins built.....	2
Feet of 8-inch pipe laid.....	4
Feet of 6-inch pipe laid.....	4
Linear feet of parapet wall taken down.....	25
Linear feet of new parapet wall erected.....	10
Pedestal piers taken down.....	3
New pedestal piers erected.....	4
Linear feet of 6-inch fine-axed curb set.....	60
Square feet of sod laid.....	8,000
Cubic yards of mould spread.....	500
Square feet of rock asphalt mastic walk laid on concrete base and rubblestone foundation	5,507

In connection with the branch bridle road at Fifty-ninth street and Seventh avenue, the connecting link between the drive and the bridle road in the valley, the work done follows:

Cubic yards of excavation and removal of same.....	150
Cubic yards of rubblestone foundation in bridle road.....	60
Cubic yards of clay spread over rubblestone.....	8
Cubic yards of bridle road gravel as superstructure.....	45
Square feet of asphalt block gutters laid.....	300
Square yards of bridle road constructed.....	2,130
Cubic yards of mould embankments.....	50
Square feet of sod laid on slopes.....	2,000
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Entrance to Park at Sixty-sixth Street and Central Park West.

About six years ago a temporary entrance was constructed at Sixty-sixth street and Eighth avenue (Central Park West) to accommodate equestrians, and also for the use of light vehicles. The road was a narrow one and the Department received continued complaints on the subject. Owing to the heavy plantings and general topography of the ground the improvement as to laying out a new entrance was a difficult one. During the summer of 1905 the plans were fully prepared and approved and the work of construction begun. The entire section of park between the Transverse road and a point 300 feet north and between the West Drive and the Eighth avenue wall was remodeled. After the necessary excavations had been made for the slopes, drives, walks and bridle road, a new drive was constructed entering the park at the circular entrance at Sixty-sixth street and joining the West Drive at a point 150 feet north of the sheepfold. A bridle path was constructed running parallel to the drive for about half the length of the same and then, diverging to the north, with junctions or connections with the old bridle road system, joined the West Drive. A new rock asphalt walk on concrete base and rubblestone foundations was constructed from Sixty-sixth street, joining the walk adjacent to the West Drive.

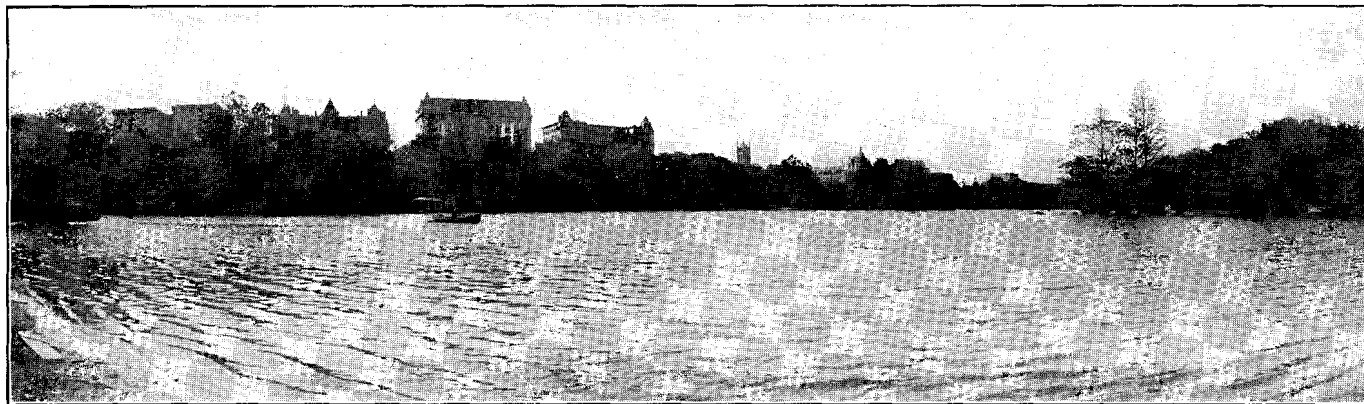
It became necessary to remodel the entire drainage system, to reconstruct the parapet retaining walls at the entrance, to replant the entire territory and in general remodel that section of the park. The entrance has been open to the public for some time.

In connection with this improvement the following work was done:

Cubic yards of earth excavation.....	1,300
Cubic yards of rock excavation and removal of same.....	200
Square feet of walk graded.....	6,397
Square yards of bridle road constructed.....	1,100
Square yards of drive constructed.....	1,600



THE LAKE—CENTRAL PARK—BIRDSEYE VIEW.



THE LAKE—CENTRAL PARK—FROM THE GROUND.

Square feet of rock asphalt mastic walk laid on concrete base with rubblestone foundation	6,400
Road basins built	7
Linear feet of 8-inch pipe laid.....	65
Linear feet of 6-inch pipe laid	70
Cubic yards of Telford foundations laid in drive and bridle road.....	515
Cubic yards of broken stone in macadam construction.....	165
Cubic yards of clay in surfacing bridle road.....	35
Cubic yards of gravel, fine and coarse, as superstructure for drive and bridle road	400
Square feet of asphalt block gutters constructed.....	2,880
Linear feet of parapet wall taken down.....	65
Linear feet of parapet wall erected.....	45
Pedestal piers taken down	5
New pedestal piers erected.....	4

Laying Asphalt Gutters on Concrete Base in Place of the Stone Block Gutters of the Carriage Drives in Central Park.

The work of removing the old stone block gutters of the carriage drives in certain sections of Central Park and constructing new gutters with 2-inch rock asphalt mastic wearing surface and concrete base was continued during the year. The asphalt gutters laid under previous contracts warranted the continuing of the work, inasmuch as they proved that there was a saving of all cost for repairs. Embraced in this contract was the cleaning of the drain pipes and all basins along the line. The work of improving these gutters was made necessary through the continued resurfacing of the drives. When the work of asphaltting had been fully completed the quarters of the drives were brought to the new grade, and at least 8 feet in width of the roadway was gained, as in the old construction the quarters were too steep to permit of driving on the same. Eight miles of gutters were treated in this way.

Small sections of the drive gutters still remain unpaved, as well as the entire bridle road system. It is especially recommended that an effort be made to obtain the funds necessary to defray the expenses of reconstructing these gutters on modern lines and thereby obtain a better finish, an easier flow of water and a considerable saving of expense in the matter of repairs.

The work done on the contract follows:

Cubic yards of excavation of all kinds, including the taking up and relaying where required stone block gutters as subfoundation.....	1,550
Cubic yards of concrete in place as foundation for wearing surface.....	1,408
Square feet of 2-inch rock asphalt mastic wearing surface in gutters.....	73,378
Square feet of 1-inch rock asphalt mastic wearing surface in walks.....	7,324

Cubic yards of bituminous concrete binder as foundation for cross walks.....	4.6
Square yards of rock asphalt as wearing surface for cross walks.....	133

Concreting and Waterproofing the Floor of the Carpenter Shop in Central Park.

Work was begun during the latter part of the year and is being prosecuted rapidly to completion in the matter of a new concrete floor in the carpenter shop in Transverse road No. 3. Pools of water having formed under the floors, an investigation was made and it was found that this water was carried under the carpenter shop floor through channels or fissures under the foundations. The wooden floor was ripped out, the earth and rock excavated to a depth of between 12 and 15 inches, channels were formed and concrete gutters and tile drains laid in the shape of a new underground drainage system. A concrete floor of Portland cement concrete, on the surface of which a damp-proof course is to be laid, to be followed with a wooden floor, will complete the construction. The work done on this improvement during 1905 is as follows:

Cubic yards of excavation.....	60
Cubic yards of concrete (6 inches deep) deposited in place and flushed with cement	50
Linear feet of cement gutter laid with brick casing and broken stone filling....	240

New Water Supply for Department Buildings, Menagerie and Fire Purposes.

The work of laying a new cast-iron water main from Fifth avenue and Sixty-fourth street through and under the office building, diverging north and south to points fixed for fire hydrants and proper connections for service to Menagerie buildings and for filling the various tanks, was completed. In the office building new 2-inch feed pipes to the tanks with connections to the boiler room were connected. A sufficient supply of water is now obtained for all purposes required.

In connection with this improvement the following work was done:

Cubic yards of excavation.....	240
Ely connection with 36-inch main.....	1
Linear feet of 4-inch cast-iron water pipe laid.....	300
Linear feet of galvanized iron pipe laid, 2-inch.....	20
Linear feet of galvanized 1-inch water pipe laid.....	165
Fire hydrants in place.....	2
Four-inch stop-cocks with brick chambers in place.....	2
One-inch stop-cocks in place.....	2
Sewer manhole built for blow-off.....	1
Square feet of walk pavement of rock asphalt mastic laid on concrete base over trenches	858



NEW RHODODENDRON PLANTATION—CENTRAL PARK.

Square yards of asphalt roadway pavements restored on bituminous binder and concrete base.....	10½
Cubic yards of concrete in foundations.....	17
Square feet of sod furnished and laid.....	900
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New Walks of Asphalt Block and Rock Asphalt Mastic Laid in Menagerie Grounds.

The old tar walks in certain sections of the Menagerie Grounds had become badly worn and were dangerous to travel, as also some of the mastic work. Contracts were executed covering the repairs to the same and the total work done follows:

Square feet of asphalt block pavement on sand bed laid.....	6,500
Square feet of rock asphalt mastic walks laid.....	1,628
Cubic yards of concrete in foundations for same where required.....	2½
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In connection with this work it was found necessary to excavate the then existing pavements and remove the rubbish, to adjust the borders adjacent to the new walks by the spreading of mold and laying of sod.

The work done in this connection follows:

Cubic yards of excavation of old tar pavement, earth and other materials.....	75
Cubic yards of mold in reshaping lawns.....	5
Square feet of sod laid.....	1,000
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Menagerie.

The following is the report of the Director of the Menagerie showing donations, purchases, births and deaths among the animals of the collection:

The donations have been as follows:

January 5, 2 marmosets.	June 16, 1 Irish thrush.
January 16, 2 parrots.	June 16, 1 parrot.
January 21, 1 Java monkey.	June 18, 1 rabbit.
February 16, 1 rhesus monkey.	June 27, 1 parrot.
February 27, 1 thrush.	July 3, 2 guinea pigs.
April 25, 1 parrot.	July 22, 2 canaries.
April 27, 1 rabbit.	July 26, 1 marmoset.
April 29, 1 guinea pig.	July 30, 1 parrot.
May 11, 1 canary bird.	August 14, 1 monkey.
May 24, 1 Brazilian cardinal.	August 15, 1 macaw.
May 30, 1 parakeet.	August 28, 1 owl.
May 31, 4 alligators.	August 31, 1 monkey.
June 2, 4 crows.	March 2, 1 ring dove.
June 7, 1 owl.	March 30, 1 Java monkey.
June 8, 1 rabbit.	March 31, 1 Belgian hare.
June 13, 2 pigeons.	April 10, 1 parrot, 1 rabbit, 1 guinea pig.

April 19, 1 donkey.
 September 10, 1 owl.
 September 11, 1 owl.
 September 12, 1 parrot.
 September 14, 1 rabbit.
 September 16, 1 monkey.
 September 22, 3 monkeys.
 October 10, 1 Java monkey.
 October 12, 1 parrot.
 October 17, 1 toucan, 1 raccoon.
 October 20, 2 arctic geese.
 October 23, 1 parrot.

The purchases have been as follows:

January 31, 4 golden eagles.
 April 29, 12 rhesus monkeys.
 June 14, 60 canary birds, 30 Java sparrows, 12 white hood nuns, 12 Japanese sparrows, 6 white swans.
 August 1, 3 Angora goats.
 September 15, 1 Dorset ram.

The births have been as follows:

January 17, 1 Crusoe goat.
 March, 22 ewe lambs, 18 buck lambs.
 May 15, 1 rhesus monkey.
 June 2, 2 Mexican deers.

The deaths have been as follows:

January 9, 1 golden eagle.
 January 11, 1 white swan.
 January 17, 1 monkey.
 January 26, 1 zebu, 1 eagle.
 February 1, 1 marmoset.
 February 10, 1 eagle.
 February 5, 1 monkey.
 February 21, 2 monkeys.
 February 24, 1 pheasant.
 March 6, 1 leopard, 1 white swan, 1 jackdaw.
 March 10, 1 axis deer.
 March 13, 1 coati, 1 monkey.
 March 15, 1 monkey.

October 25, 1 hawk, 1 canary bird, 1 rabbit.

October 27, 1 raccoon.
 October 30, 1 marmoset.
 November 3, 1 parrot.
 November 8, 1 Camas rat.
 November 24, 2 herring gulls.
 December 8, 2 alligators.
 December 21, 1 monkey.
 December 27, 1 ferret.
 December 29, 1 duck.

October 2, 6 Brazilian cardinals, 6 black birds, 6 white Java sparrows, 2 yellow baboons, 6 Java monkeys.

December 9, 25 mallard ducks, 1 buff turkey.

December 12, 1 Cape buffalo, 1 Indian antelope, 6 black swans, 17 white swans.

June 16, 2 fallow deer, 1 red deer, 1 buffalo.

October 28, 1 Angora goat.

April 10, 1 Llama.

April 17, 1 monkey.

April 18, 1 pheasant.

April 29, 1 Mexican deer.

April 30, 1 monkey, 1 parrot.

May 1, 1 white swan.

May 11, 1 monkey.

May 13, 1 goat.

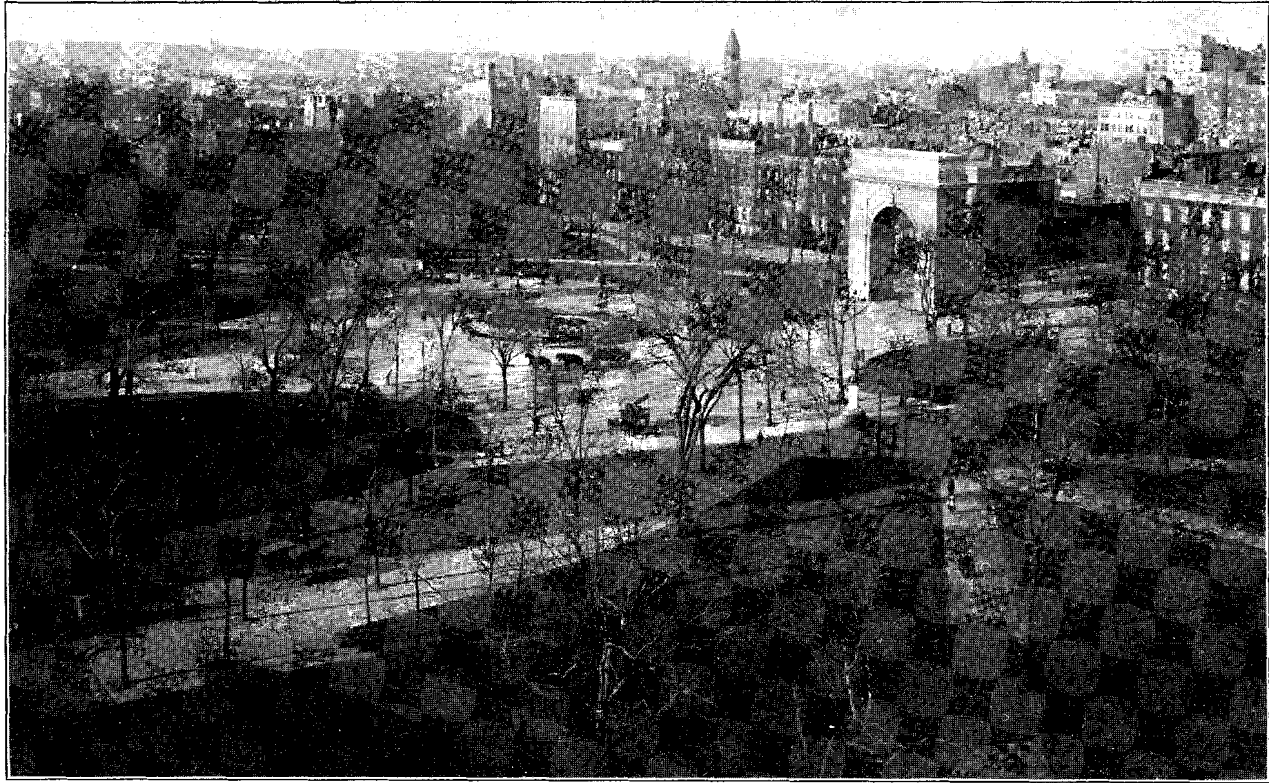
May 20, 1 Crusoe goat.

May 25, 1 eagle.

May 29, 1 marmoset.

May 31, 1 marmoset, 1 monkey, 1 blackbird.

June 8, 1 eagle, 1 pheasant.



WASHINGTON SQUARE AND ARCH.

June 12, 1 pheasant.
 June 15, 1 baboon.
 June 27, 1 parrot.
 June 29, 1 monkey.
 July 7, 1 Mexican deer.
 July 10, 1 wild cat.
 July 20, 1 white swan.
 July 24, 2 white swans.
 July 29, 1 white swan.
 August 6, 1 monkey.
 August 7, 2 parrots.
 August 21, 1 Swiss mountain sheep.
 August 31, 1 cockatoo.
 September 3, 1 monkey.
 September 4, 1 crow.
 September 10, 1 red deer.
 September 14, 1 macaw, 1 owl.
 September 17, 1 marmoset, 1 quail.
 September 23, 1 parrot.

September 25, 2 cockatoos.
 October 9, 1 monkey.
 October 12, 1 cockatoo, 1 monkey.
 October 14, 1 parrot.
 October 16, 1 parrot, 1 monkey, 1 macaw.
 1 parrot, 1 monkey, 1 macaw, 1 cockatoo.
 October 27, 3 nylghaus.
 October 30, 1 monkey.
 October 31, 1 cockatoo, 2 parrots.
 November 8, 1 parrot.
 November 28, 1 parrot.
 December 14, 1 parrot.
 December 18, 1 monkey.
 December 24, 1 macaw, 1 Alaska dog.
 December 26, 1 aoudad.
 December 28, 2 parrots.
 December 31, 1 monkey, 1 fallow deer.

Exchanges have been as follows:

Exchanged with the Borough of Brooklyn, June 23, 1 male aoudad for sheep's wool.

Exchanged with the Zoological Society of Cincinnati, O., September 16, 1 female nylghau for female axis deer.

Exchanged 1 pair nylghau antelopes for the following:

Six macaws, 8 cockatoos, 2 white peacocks, 2 Java monkeys.

Sold at auction the following surplus sheep and wool:

June 29—1 Dorset ram, 12 Dorset ewes, 20 Dorset ram lambs, 1,085 pounds of wool.

Total amount of sale, \$606.25.

Cathedral Parkway (One Hundred and Tenth Street. Between Seventh and Fifth Avenues and the Plaza at Fifth Avenue).

One Hundred and Tenth street, between Fifth and Seventh avenues, was widened 30 feet on the north side under the laws creating the parkway. The old roadway, 30 feet wide, was paved many years ago as a parkway, telford macadam foundation and gravel finish. Trucking and general wear and tear had placed the road beyond the possibility of repair. In conformity with the law the roadway was widened to 45 feet. The northerly sidewalk was made 25 feet and the park sidewalk 30 feet. This Department entered into a contract to set new 8-inch curbstone on a concrete base on both sides of the street from the Plaza at One Hundred and Tenth street to the

Seventh avenue line, to redress and reset on concrete base the 6-inch curb at the Plaza, to make the necessary excavations, build the necessary drainage and to lay a concrete foundation with a cement mortar finish, and as a superstructure to pave with asphalt block. The work was fully completed in November. In connection with this widening the railroad company operating through this street removed the old-fashioned rails and substituted the modern girder rail.

This Department has entered into further contracts for improving the sidewalks of the Circle and Plaza and street proper between Fifth and Seventh avenues, but owing to the lateness of the season the work on the same will not be ordered on until the spring of 1906. The work done and embraced in the contract follows:

Cubic yards of excavation of all kinds and removal of same.....	3,011
Linear feet of new 8-inch bluestone curbstone furnished and set on concrete base	3,441
Linear feet of 6-inch bluestone curbstone taken up, redressed and reset on concrete base	757
Receiving basins built.....	2
Catch basin built.....	1
Cubic yards of concrete in foundations for roadway laid.....	1,901
Square yards of asphalt block pavement laid.....	14,914

West Ninety-sixth Street, Between West End Avenue and the Hudson River
Railroad.

This part of West Ninety-sixth street, which was placed under the jurisdiction or supervision of the Park Department by an act of the Legislature, was the source of continued complaints as to the dangerous condition of the pavements.

In order to properly pave this street it was found necessary to remove the existing paving blocks, fill in the pockets between the rock fill with concrete, regulate and sub-grade to its proper level the roadway, place thereon a 6-inch concrete foundation re-enforced with 1-inch iron bars laid on 3-foot centres and extending across the entire roadway from curb to curb. On top of this a 1-inch sand foundation was placed, and the granite blocks with tar and gravel joint were then laid. New curb was set on both sides of the street for the entire length, and the flagging of the sidewalks was taken up and relaid. The amount of work embraced in the contract follows:

Cubic yards of excavation and removal of same.....	2,200
Cubic yards of concrete laid in foundation for roadway.....	875
Linear feet of 1-inch iron bars as re-enforcement for concrete.....	17,420
Square yards of granite block pavement laid.....	5,251
Linear feet of new 5-inch bluestone curb set on concrete foundation.....	1,327



OPENING EXERCISES—THOMAS JEFFERSON PARK.

Square feet of bluestone flagging of sidewalks taken up and relaid.....	10,000
Square feet of asphalt walk relaid.....	1,347

Riverside Drive.

Viaduct Carrying Riverside Drive Over West Ninety-sixth Street.

Certain work was found necessary in the matter of repairs to the walk pavements, curbs and gutters of the drive crossing the viaduct at Ninety-sixth street. The work embraced in the order follows:

Linear feet of bluestone curb taken up and reset.....	175
Square feet of walk pavement of rock asphalt mastic laid.....	3,236
Cubic yards of concrete in foundation for walk.....	24
Cubic yards of excavations of all kinds.....	24

Restoration of Pavements, Streets and Avenues Under Department Jurisdiction.

The asphalt roadway pavements under the jurisdiction of the Park Department were kept in proper repair and the total amount of asphalt laid in order to properly maintain the same during the year was 6,067 square yards.

City Hall Park.

Complaint had been made as to the general condition of the pavements of walks in City Hall Park. The same were of the rock asphalt mastic wearing surface and cement on concrete base character. Contracts were executed covering the work of repair. The work done follows:

Cubic yards of excavation of all kinds and removal of same.....	225
Square feet of walk pavement of rock asphalt mastic laid.....	8,584
Square feet of walk pavement of cement mortar on concrete base laid.....	15,428
Cubic yards of concrete as base for asphalt pavement laid.....	14

The entire pavements of City Hall Park are now in first-class condition.

Riverside Park.

Improvement of Drainage in the Vicinity of One Hundred and Twenty-sixth Street.

The plumbing and sewerage system of Claremont Hotel at One Hundred and Twenty-sixth street and Riverside drive was the source of constant complaint and trouble and it became absolutely unsanitary. It was necessary to construct a new system. The entire plumbing and piping of the building was torn out and a new system was put in place on modern lines.

Three hundred and seventy feet of 12-inch vitrified stoneware drain pipe was laid and connections made with the City sewers.

The excavation for the laying of this pipe amounted to 550 cubic yards. The refilling of the trenches required a similar amount of material.

Engineering Force.

The engineering force was employed during the year on the laying out and supervision of the various contracts described in my report, and in addition thereto to the preparation of surveys, plans, specifications, estimates of cost 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 or supplies and general office routine.

The following was the work done by the force:

Topographical and location surveys of Riverside Park, between Ninety-fifth and Ninety-seventh streets.

Approximate estimate of cost and work to be done in the matter of constructing new entrances to Central Park at Sixty-sixth street and Eighth avenue, and Fifty-ninth street and Seventh avenue.

Preliminary estimate in the matter of constructing new drainage system for Central Park to take the entire drainage to City sewers instead of lakes.

Preliminary estimate of cost in the matter of preparing plots for tree-planting, DeWitt Clinton Park.

Topographical survey and map of portion of Manhattan Square improved by contract.

Surveys and maps, proposed entrance at Fifty-ninth street and Seventh avenue.

Surveys and maps, proposed entrance at Sixty-sixth street and Eighth avenue.

Survey and map of Jumel Mansion grounds.

Plan and estimate of cost, painting the railings and buildings in Menagerie grounds.

Plan and estimate, paving certain walks around the Menagerie buildings in Central Park with asphalt blocks.

Survey and map of triangle at One Hundred and Fiftieth street and St. Nicholas avenue.

Topographical sections taken near block house at One Hundred and Tenth street and Seventh avenue.

Topographical survey and map of Plaza entrance at Sixty-sixth street and Eighth avenue.

Layout and estimate of cost for wire-mesh fence around storage yard, Central Park.

Survey and map of portion of Fort Washington Park for drive entrances from Boulevard Lafayette.

Contract plans for furnishing and setting curbstones, paving with asphalt blocks on a concrete foundation, draining and otherwise improving One Hundred and Tenth



MAY DAY PICNICS—CENTRAL PARK.

street, between Seventh and Fifth avenues, and the Plaza at One Hundred and Tenth street and Fifth avenue.

A map of the extension of Riverside Park, between the railroad right of way and the bulkhead line.

Map of St. Nicholas Park, showing the boundaries as defined in the act of the Legislature laying out the park.

A map of Greeley Square.

Plans for constructing an iron railing on the water front of Thomas Jefferson Park.

A plan for painting the cages and railing adjacent to the Menagerie buildings in Central Park.

Plan for paving the sidewalks and constructing tree plots in One Hundred and Tenth street, between Seventh and Fifth avenues, and in the Plaza at Fifth avenue and One Hundred and Tenth street.

Plans for standard receiving basins.

Topographical map of St. Nicholas Park north of One Hundred and Thirty-fifth street.

A set of contract plans for the construction of St. Nicholas Park north of One Hundred and Thirty-fifth street and east of St. Nicholas terrace.

Plans, profile, etc., in the matter of furnishing and setting curbstones and paving with granite block on a reinforced concrete foundation the roadway of Ninety-sixth street west of West End avenue.

Work on the construction plan of Riverside Park and drive, between Seventy-second and One Hundred and Twenty-ninth streets, was prosecuted from time to time during the year.

A survey of Greeley Square was made for the use of the Corporation Counsel.

Survey and construction map of Thomas Jefferson Park.

Survey defining the legal property lines of Hudson Park.

Survey, map and estimate of cost completing the Esplanade work between Eighty-sixth and Eighty-seventh streets, East River Park Extension.

Survey defining property lines and rights of way, Cathedral parkway, between Fifth and Seventh avenues.

Topographical survey, St. Nicholas Park, between One Hundred and Thirtieth and One Hundred and Thirty-fifth streets.

Survey and estimate of cost in the matter of laying out a 5-foot Croton main in Central Park at Eighty-first street.

Survey and map of estimate of cost of improving the grounds adjoining the Mulberry Bend Park at Worth and Baxter streets.

Survey, map and estimate of cost of improving walks at point of land extending into lake from the north and opposite boat house.

The office force was employed on the usual routine work of calculation of bids, inspection of supplies, testing of cement for all work, measurements of all materials delivered on contract or order and calculation of building projections.

The following specifications were prepared during the year:

For paving with rock asphalt mastic the gutters of the carriage drives in Central Park.

For setting curbstones, paving with asphalt blocks the carriageway, draining, etc., One Hundred and Tenth street, from Seventh to Fifth avenue, and the Plaza at One Hundred and Tenth street and Fifth avenue.

For furnishing and setting bluestone edging and paving with cement mortar the unpaved portion of the Esplanade in the extension of East River Park.

For constructing walks of rock asphalt mastic at the new entrances to Central Park at Fifty-ninth street and Seventh avenue, and at Sixty-sixth street and Eighth avenue.

For painting the cages and the fences in the Menagerie grounds in Central Park.

For paving with asphalt blocks certain walks in the Menagerie grounds in Central Park.

For paving the sidewalks and constructing tree pits in One Hundred and Tenth street, between Seventh and Fifth avenues, and in the Plaza at One Hundred and Tenth street and Fifth avenue.

For furnishing and setting curbstones and paving with granite blocks on reinforced concrete foundation the roadway of Ninety-sixth street west of West End avenue.

For the construction of St. Nicholas Park north of One Hundred and Thirty-fifth street and east of St. Nicholas terrace.

For repairing asphalt roadway pavements in the Borough of Manhattan.

For constructing tree plots in Thomas Jefferson Park.

For constructing tree plots in DeWitt Clinton Park.

For installing a new water supply system in the Harlem river driveway (this specification only partially prepared).

Preliminary estimates of quantities and cost of work were made as follows:

For the construction and improvement of St. Nicholas Park.

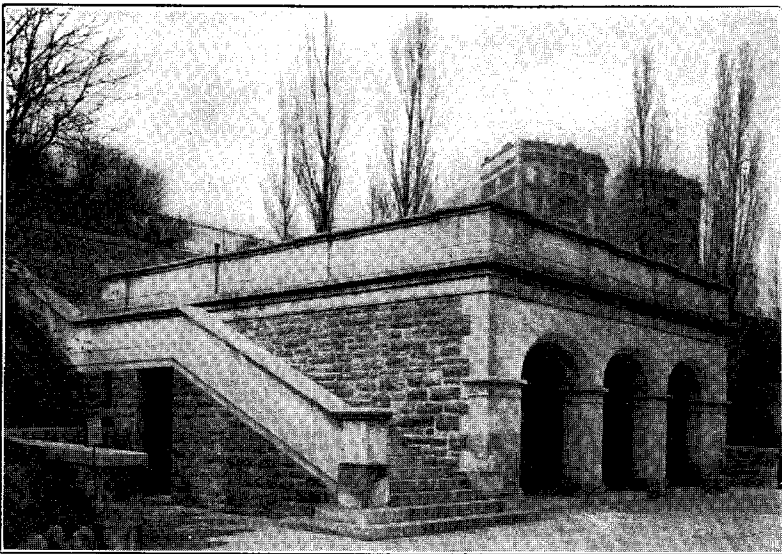
For the construction and improvement of Colonial Park.

For the construction and improvement of that part of St. Nicholas Park situated north of One Hundred and Thirty-fifth street and east of St. Nicholas terrace.

For the construction of tree plots, furnishing and setting curbstones, repairing the sidewalks in West End avenue north of Seventieth street.



COMFORT STATION—NORTH MEADOW—CENTRAL PARK.



COMFORT STATION—MORNINGSIDE PARK.

For the construction of tree plots in Thomas Jefferson Park.

For the construction of tree plots in DeWitt Clinton Park.

Thomas Jefferson Park.

This park, which has an area of about fifteen and one-half acres, is located in one of the most thickly populated districts of the City. Although the construction of the park proper was completed during 1904, the equipment of the playgrounds and gymnasium was not undertaken until 1905. Great care was exercised in arranging the various apparatus in the most condensed form, and at the same time so as to be serviceable, owing to the great demand made upon the Department for space.

The playgrounds and kindergartens have an area of practically 45,000 square feet and have been fully equipped with the necessary shelters. The area of the gymnasium grounds proper is approximately 36,500 square feet.

As a finish to the bulkhead, the easterly boundary of the park, an ornamental iron railing faced with a wire mesh screening is to be erected. The contract for this work is executed. It is recommended that some action be taken as to acquiring title to lands under water at the slips at the foot of East One Hundred and Eleventh and East One Hundred and Fourteenth streets, so that these streets may be regulated, graded and paved to the bulkhead line and not end abruptly, as they do now, at the slip.

The opening of Thomas Jefferson Park on October 7, 1905, before briefly alluded to, should have a more full and prominent record in the reports of the Department.

The exercises were obviously of great popular interest, as attested by the throngs in attendance. The occasion was further notable as being the last public appearance of the Hon. John J. Pallas, President of the Park Board, whose sudden death occurred soon afterward on October 16, 1905.

President Pallas had devoted considerable energy to furthering the opening of this park, and his attendance and hard work on the day of the opening were at the expense of his health, his physical condition having been even then considerably impaired.

The following is the programme of the exercises:

Hon. John J. Pallas, President, Park Board, Presiding.

1. March "Triumph" G. Peluto
By Band.
2. Invocation Right Rev. M. J. Lavelle, Vicar General, New York Diocese
3. Grand fantasia "America" Herbert
By School Children.
4. Acceptance and formal opening of Thomas Jefferson Park on behalf of The
City of New York by President Thomas Darlington of the Board of
Health for his Honor George B. McClellan, Mayor.

5. Benediction.....Rev. Robert Lewis Paddock
Rector of the Church of the Holy Apostles.
6. Chorus“Star-Spangled Banner”.....Key
7. Overture“William Tell”.....Rossini
Flag Drill and Dumbbell Drill.
8. Spanish ballad.....“La Paloma”.....Missinoo
Swedish Dance and May Pole Dance.
9. Waltz, descriptive.....“Tally-Ho”.....Fahrbach
Single-Stick Drill, Gymnastic Exhibition.
10. Cornet soloP. Capodiffero
Basket-ball and Baseball.
11. “The Hunting Scene”.....Piccullose
12. March“Tammany”.....Witmark
880-Yard Run, Seniors. 440-Yard Dash, Seniors. Medley Race, Seniors.
Inter-Park Relay. 220-Yard Dash, Juniors.
Inter-Park Relay, Juniors. 100-Yard Dash, Seniors. Pole Vault, Seniors.
Tennis, Volley Ball, Tether Ball, Dances, Games and Social
Occupation Work, Kindergarten Pavilion.
- Ideal“The Forge in the Forest”.....Machealis
Band Leader, S. Whatman.

Medals and souvenir badge presented by the Hon. John J. Pallas, President of the Park Board.

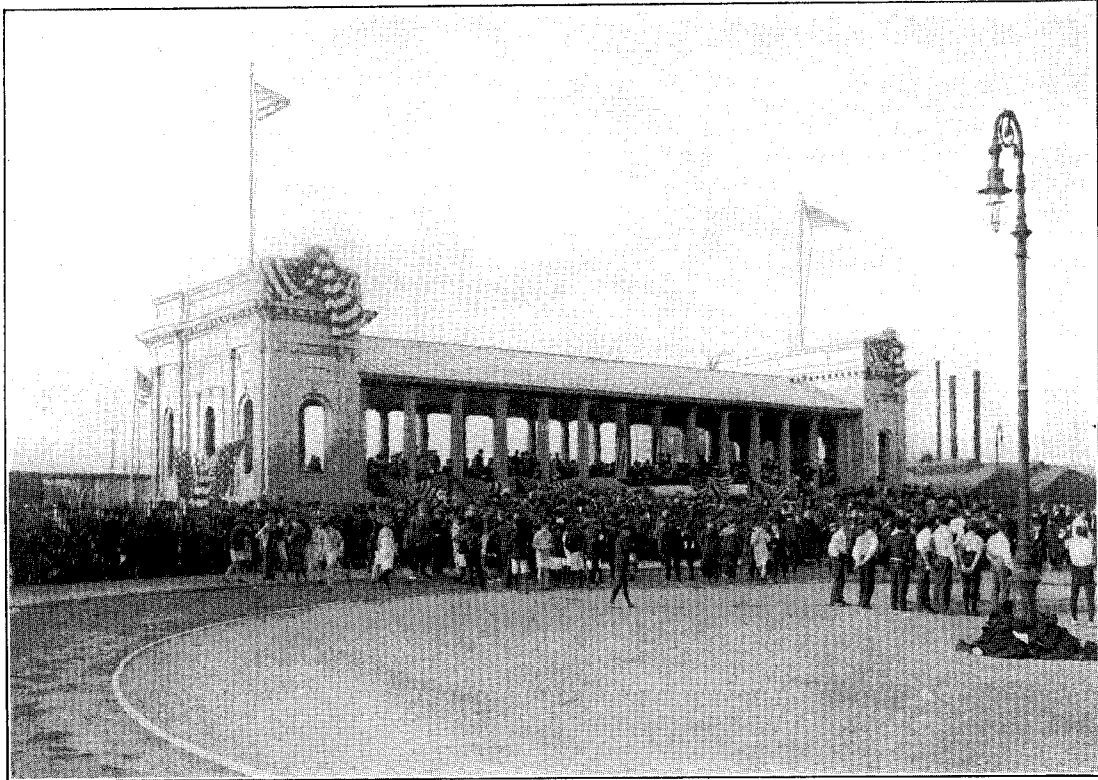
DeWitt Clinton Park.

In 1904 the work on the construction and improvement of the small park known as DeWitt Clinton Park, between Fifty-second and Fifty-fourth streets, Eleventh and Twelfth avenues, was begun. The work was completed during the past year. In its layout this park differs considerably from the general city park construction. The centre feature is carried on practically a level plane, beginning at Eleventh avenue grade and ending at the brow of an embankment 62 feet from the Twelfth avenue line. The park slopes are formed from this centre feature running to the north and south to Fifty-second and Fifty-fourth streets, and from the brow of the slope to Twelfth avenue. The centre section of the park is taken up in the construction of the playgrounds, kindergartens, gymnasium and running track, and the pavilion or comfort station and the pergola building on the westerly end.

The gymnasium enclosure is equipped with modern apparatus and offers facilities for out-door recreation for the hundreds who wish to avail themselves of the privileges. The children's playgrounds are extensively used, and are a feature.

The pavilion is equipped with modern shower baths and other necessary features, and from the floor of the building proper a view of the entire park is obtained.

The pergola building on the westerly side of the park is to be used as a school and exhibition room in connection with the work of the farm gardens. The broad



PAVILION—OPENING DAY—DE WITT CLINTON PARK.

walks surrounding the pergola are 20 feet above the level of Twelfth avenue, and from the same a general view of the Hudson river is obtained.

The area of DeWitt Clinton Park is a little more than $7\frac{1}{3}$ acres. It was thrown open to the public in the early part of November, 1905, and since that day it has been well patronized.

It might be of more than passing interest to note the amount of the different classes of work embraced in the contract for constructing this park. Omitting all mention as to excavation, regulating, filling, etc., as that work was embraced in previous reports, and dealing only with the superstructure or construction of park proper, the details are:

Cubic yards of excavation and distribution of mold from the site of old farm gardens	516
Linear feet of 6-inch fine-axed bluestone curb furnished and set on concrete foundation	2,619
Linear feet of $2\frac{1}{2}$ -inch fine-axed bluestone edging furnished and set on a concrete foundation	9,045
Cubic yards of rubble masonry for step foundations.....	392
Linear feet of bluestone steps furnished and set.....	2,155
Linear feet of bluestone cheek pieces furnished and set.....	272
Square feet of walk pavement of rock asphalt mastic on concrete base with rubblestone foundation laid.....	139,700
Walk basins built	40
Surface basins built.....	10
Receiving basins built.....	4
Linear feet of 6-inch vitrified stoneware drain pipe laid.....	1,878
Linear feet of 8-inch vitrified stoneware drain pipe laid.....	705
Linear feet of 10-inch vitrified stoneware drain pipe laid.....	686
Linear feet of 12-inch vitrified stoneware drain pipe laid.....	520
Linear feet of 6-inch iron picket fence erected.....	2,132
Linear feet of 5-foot 6-inch picket fence erected.....	2,171
Linear feet of three-rail pipe fence inclosing lawns erected.....	3,518
Cubic yards of garden mold furnished and deposited in lawns.....	10,720
Cubic yards of manure furnished and deposited in lawns.....	1,138
Square feet of sod furnished and laid on slopes.....	139,128

In the Matter of Water Supply System.

Linear feet of 4-inch cast iron pipe laid.....	970
Linear feet of 2-inch galvanized wrought iron pipe laid.....	3,150
Linear feet of 1-inch galvanized wrought iron pipe laid.....	174
Four-inch stop-cocks in place.....	4
Two-inch stop-cocks in place.....	12

One-inch stop-cocks in place.....	2
Street washers furnished.....	29
One-inch stop-cocks for drinking hydrants connected.....	6
Drinking hydrants in place.....	6
Blow-offs in place.....	2

In the Matter of Constructing Playgrounds.

Cubic yards of rubblestone foundation in place.....	1,233
Cubic yards of broken stone spread.....	318
Cubic yards of gravel and clay superstructure.....	467
Linear feet of 3-inch porous drain pipe laid.....	3,453
Cubic yards of broken stone laid around pipe.....	159
Area of playground, acres.....	1.15

In the Matter of Constructing Gymnasium.

Cubic yards of rubblestone foundation in place.....	472
Cubic yards of broken stone spread.....	120
Cubic yards of gravel and clay superstructure.....	177
Linear feet of 3-inch porous drain pipe laid.....	326
Cubic yards of broken stone filling around pipe.....	15
Cubic yards of sand base in running track.....	90
Cubic yards of steam cinders in running track spread as finish.....	90

Construction of a 12-inch pipe sewer in concrete casing from the pavilion in DeWitt Clinton Park to the City sewer in West Fifty-fourth street.

Certain modifications in the construction of the cellars and sub-cellars of the pavilion at DeWitt Clinton Park necessitated the abandoning of the proposed drainage system from that building. A new contract was made to carry the general drainage from the pavilion to the City sewer in Fifty-fourth street. The general grade of the new sewer was from 6 feet to 25 feet below the finished surface of the park, the greater part of the work being through solid rock. Owing to the fact that the building had been erected it was found necessary to handle this rock excavation with great care.

The work embraced in the contract is as follows:

Cubic yards of rock excavation and removal of same.....	100
Cubic yards of earth excavation.....	350
Cubic yards of refilling of trenches.....	450
Linear feet of 12-inch stoneware drain pipe in concrete casing laid.....	261
Brick manholes built.....	4
Square feet of grass sod from sources exterior to the park, laid.....	628
Cubic yards of concrete in foundations and cradle.....	35



INDIVIDUAL EFFORT—CHILDREN'S SCHOOL FARM.

Construction of tile drain in concrete gutter on easterly side of pergola building.

In order to properly drain the ground immediately adjacent to the pergola building it was found necessary to construct certain tile drains around the building and lead the soakage water into the different main drains.

The work done follows :

Cubic yards of earth excavation.....	121
Cubic yards of dry rubblestone wall built over drains.....	121
Linear feet of 3-inch porous drain pipe laid.....	260
Cubic yards of concrete and cement work in cradles for pipe.....	22

St. Gabriel's Park.

The work of constructing and improving the small park known as St. Gabriel's Park, located on the easterly side of the City, between Thirty-fifth and Thirty-sixth streets, First and Second avenues, was begun in 1904 and completed in 1905. The area of this park is not quite three acres. Though small, it was laid out on the lines of the more modern city parks. Playgrounds and gymnasium features were introduced, while the park treatment formed the border line. A site was determined upon and the place reserved for the erection of a proper comfort station. Plans were prepared for the same, but actual work was not begun.

The space allowed for playgrounds is approximately 14,300 square feet. The running track is 10 laps to a mile, and the area of the gymnasium grounds proper is 15,214 square feet.

These grounds are to be fully equipped with modern gymnasium apparatus and playground fixtures. It is to be hoped that money for this work will be available at the beginning of the coming year, so that the grounds may be thrown open to the public.

The amount of work done on the contract for constructing this park was:

Cubic yards of excavation of all kinds.....	14,680
Cubic yards of filling in place in cellars and in embankments.....	18,400
Linear feet of Croton pipe uncovered	1,695
Croton taps removed and holes plugged.....	64
Cubic yards of excavation over Croton pipes.....	750
Square yards of asphalt roadway pavement relaid.....	95
Square yards of granite pavement relaid.....	95
Cubic yards of rubble masonry in step foundations built.....	27
Linear feet of bluestone steps set.....	120
Linear feet of bluestone cheeks set.....	17
Linear feet of 6-inch fine-axed curb on concrete foundation set.....	1,790
Linear feet of bluestone edging (2½ inches) on concrete foundation set.....	5,567
Square feet of rock asphalt mastic walk laid on concrete base and rubblestone foundation	73,000

Walk basins built complete	30
Surface basins built complete	7
Receiving basins built complete	2
Linear feet of 6-inch vitrified stoneware drain pipe furnished and laid.....	775
Linear feet of 8-inch vitrified stoneware drain pipe furnished and laid.....	667
Linear feet of 10-inch vitrified stoneware drain pipe furnished and laid.....	85
Linear feet of 12-inch vitrified stoneware drain pipe furnished and laid.....	509
Linear feet of 3-inch porous tile pipe for subdrainage laid.....	1,340
Cubic yards of broken stone filling around porous tile.....	66
Linear feet of 6-foot picket fence erected.....	1,425
Linear feet of 5-foot 6-inch picket fence erected.....	1,019
Linear feet of 3-rail pipe fence erected.....	1,885
Cubic yards of mold in lawns.....	2,500
Cubic yards of manure spread.....	450
Square feet of sod laid.....	43,000
Running feet of board fence 7-foot high around building enclosure erected..	290

In the Matter of Water Supply System.

Linear feet of 4-inch cast-iron water pipe laid.....	557
Linear feet of 2-inch galvanized wrought-iron pipe laid.....	1,555
Linear feet of 1-inch galvanized wrought-iron pipe laid.....	32
Linear feet of 1-inch lead pipe laid.....	185
Blow-off in place.....	1
Four-inch stopcocks with chambers in place.....	2
Two-inch stopcocks in place.....	8
One-inch stopcocks for drinking hydrants and blow-offs in place.....	8
Street washers in place.....	10
Ely connections in Croton mains in place.....	2
Drinking hydrants in place.....	7

In the Matter of Playground Construction.

Cubic yards of rubblestone foundation.....	353
Cubic yards of broken stone finish.....	88
Cubic yards of clay spread as a foundation for superstructure.....	66
Cubic yards of bridle road gravel spread as superstructure.....	66
Linear feet of 3-inch porous tile laid.....	1,000
Cubic yards of broken stone around same in place.....	50

In the Matter of Gymnasium and Running Track Construction.

Cubic yards of rubblestone in foundation.....	375
Cubic yards of broken stone finish.....	93



CLASS WORK—CHILDREN'S SCHOOL FARM.

Cubic yards of steam cinders spread on broken stone as foundation for super-structure of grounds and finish for running track.....	147
Cubic yards of bridle road gravel as finish.....	69
Cubic yards of sand as foundation for running track.....	78

The opening of DeWitt Clinton Park to the public on November 4, 1905, was planned and arranged for by the late John J. Pallas, but he did not live to take part in the exercises. They were carried out on the lines as planned by his successor, Samuel Parsons, Jr., who had, as Landscape Architect of the Department, joined heartily in the President's efforts to facilitate the work of completion.

The following is the programme of the exercises:

Hon. Samuel Parsons, Jr., President, Park Board, Presiding.

Prelude, "Star Spangled Banner."

1. March "Capparin" Cary
2. Invocation Right Reverend M. J. Lavelle, Vicar General, New York Diocese
Salute to the Flag.
3. Overture..... "La Maritana" Wallace
Dumbbell Drill.
4. Acceptance and Formal Opening of DeWitt Clinton Park on Behalf of The City
of New York, by John J. Delany, Esq., Corporation Counsel, for his Honor
George B. McClellan, Mayor.
5. Flag Drill.... By the Playground and Farm School Children, assisted by the Band
6. Benediction, Reverend Robert Lewis Paddock, Rector of the Church of the Holy
Apostles.
7. Impassionata Dream..... Rosa
100-Yard Dash—Seniors. 100-Yard Dash—Juniors.
8. Humorous Piece..... "Merry Mocker" Noslin
100-Yard Dash—Seniors, Final. 100-Yard Dash, Juniors, Final.
9. Cornet Solo..... By P. Capodiffero
Sack Race, Seniors. Potato Race.
10. Overture..... "William Tell" Rossini
Basketball Teams from Park Playgrounds.
Interpark Relay, Juniors. Interpark Relay, Seniors.
11. Fakeldance No. 1..... Meyerbeer
12. Grand March from Aida..... Verdi
Tennis, Volley Ball, Tether Ball, Games and Social Occupation Work,
Kindergarten Pavilions.
13. Plantation Echoes..... Norestern
14. Patrol..... "The American"..... Michaelis
A. Whatman, Bandmaster.

Medals and souvenir badges presented by the Hon. Samuel Parsons, Jr., President,
Park Board.

Playgrounds.

During the past year playgrounds were in operation in the following parks:

East River Park, with two playground attendants.

John Jay Park, with two playground attendants and one gymnasium attendant.

Tompkins Square Park, with three playground attendants and two gymnasium attendants.

Hamilton Fish Park, with three playground attendants and two gymnasium attendants.

William H. Seward Park, with three playground attendants and two gymnasium attendants.

Corlears Hook Park, with one playground attendant and one gymnasium attendant.

Seventeenth Street Park, with one playground attendant.

Hudson Park, with one playground attendant and one gymnasium attendant.

Two playgrounds were opened the latter part of the year, one in Thomas Jefferson Park and one in DeWitt Clinton Park, making ten playgrounds now in operation under the jurisdiction of the Park Department.

The apparatus and equipment of these playgrounds have been fully described in previous reports.

The time set for opening and closing the playgrounds was arranged as follows:

During January, February and March the grounds were open from 11.30 a. m. until 5.30 p. m. During April, May and June from 11.45 a. m. until 6 p. m. July, August and September from 9 a. m. until 7 p. m. November and December from 11 a. m. until 5 p. m.

On Saturdays and holidays the playgrounds were opened at 9 a. m.

Boys' Playgrounds.

The work on the boys' playgrounds varied with the seasons. Although the club and organization work was carried on throughout the year and many games and sports were ever popular, the real interest and enthusiasm centred on the games of the season.

To meet this and to create a spirit of friendly rivalry, monthly schedules of inter-park competitive games of tennis, basket ball and indoor baseball were arranged, and a monthly statement of the scores and standing of the parks was posted at each playground.

The last Saturday of each month was devoted to athletics, except during the baseball season. Five entries were allowed from each park for each event.



GIRLS' CLASS.



BOYS' CLASS.

ON THE LINE FOR WATER—CHILDREN'S FARM SCHOOL.

These inter-park competitions stirred all to activity. It was every boy's ambition to make the team and be allowed to represent his park.

Intense enthusiasm was aroused. Thousands came to the parks to witness the games and to cheer for their respective teams.

In the baseball schedules two classifications were made, seniors and juniors; seniors not to exceed 120 pounds and the juniors not to exceed 95 pounds.

In basket ball schedules three classifications were made, teams to average 60, 90 and 110 pounds, with a 10-pound allowance.

The athletics were classified as, seniors (120 pounds), juniors (95 pounds) and midgets (85 pounds).

These classifications afforded every boy on the playground a chance to try for the team of his weight and gave a stimulus to the general work. Besides the enjoyment of the games and apparatus it gave the boys an aim and an incentive to come regularly to the playgrounds.

During the baseball season the Saturday afternoon games became the event of the week to the people living in the vicinity of the parks; the scores were watched and compared with as much interest as those of the National League games. On several occasions the game had to be called to await the arrival of the police to keep the crowds in check.

The competitive games were played every Wednesday and Saturday afternoon at 3 o'clock. Each playground was scheduled to play four games each week, two seniors and two junior games.

As a feature to arouse the interest in the basket ball competition, challenges were sent to the several teams of the high schools and settlement houses.

Hamilton Fish Park was awarded the championship pennant for basket ball and baseball for the year 1905.

The general daily work on the playgrounds consisted in keeping every one busy. The teaching of graded exercises on the different pieces of gymnastic apparatus and elementary tumbling; the coaching and teaching of baseball, football, basket ball, volley ball, tennis, athletic and field events and the gymnastic games. The smaller boys were interested in the calisthenic and dumbbell drills and marching evolutions; ring pull, hustle ball, club hustle, pursuit races, ring toss, three deep, red and black, tag ball, catch ball, dodge ball and the potato races were the favorite games of the smaller boys.

Evening Work.

The indoor gymnasium at Hamilton Fish Park was open every evening to the young men's clubs of the neighborhood. The athletic tracks at Seward and Hamilton Fish Parks were open every evening from 7.30 until 9.30 to all athletes who had secured permits. Permits were granted to the clubs of the following institutions:

Christodora House, Welcome House, Gospel Settlement, Educational Alliance, the Ironside Club and the New Era Club.

In connection with the club work among the boys a model city government was organized at Hamilton Fish Park to give the boys a greater interest and responsibility in the maintenance of order and good fellowship on the playground. In July a convention was held and a charter, modeled after the Charter of The City of New York, was adopted, the preamble to which is as follows:

"In order to insure the furtherance of clean athletics and manly sports and the development of good fellowship among us, we, the boys of Hamilton Fish Park, hereby constitute ourselves the 'Playground City' and adopt the following charter, etc."

The registration and election was carried on under the same rules and regulations as is a City election.

Nathan Kase defeated Samuel Melitzer for the office of Mayor by a vote of 177 to 122. The entire Kase ticket was victorious.

Girls' Playgrounds.

The girls' playgrounds have been the scene of great activity. Accommodations and amusements were provided for all. The baby swings, the large swings, the sand pits, the volley ball, tennis and croquet courts, the giant strides, and the kindergarten pavilion with its building blocks and social occupation work all afforded a variety suitable to the tastes and pleasures of the children.

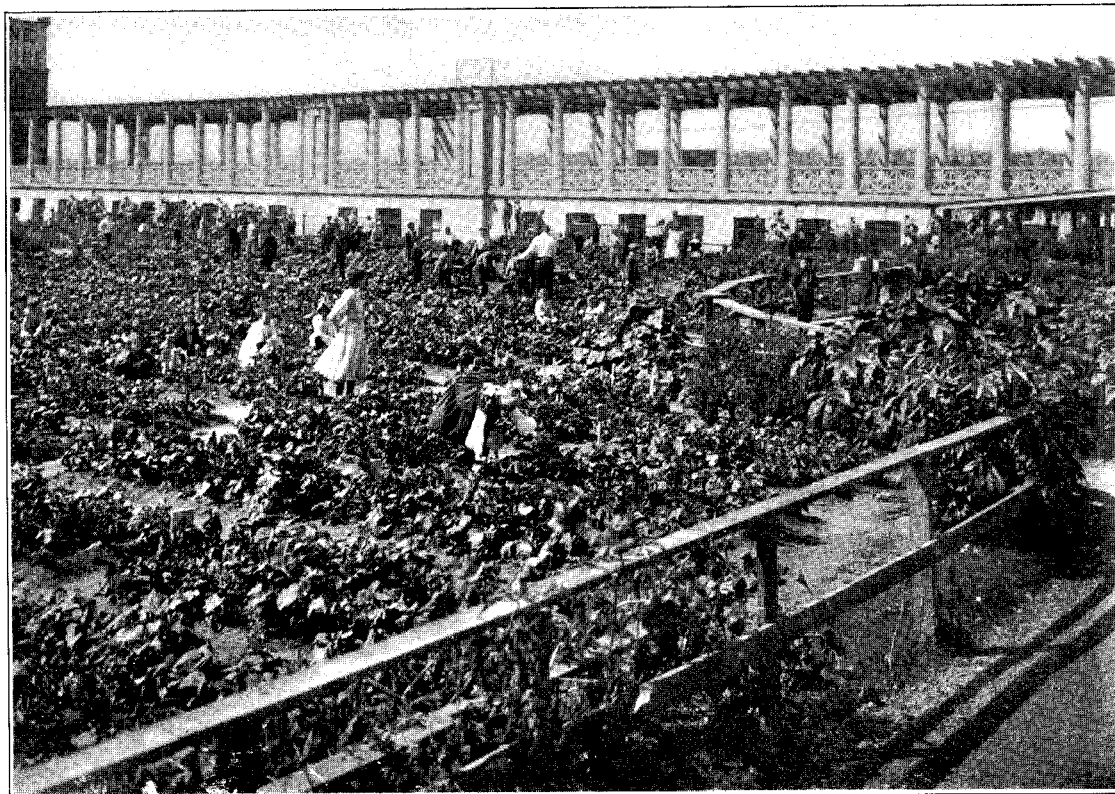
The girls, too, became proficient in tennis, tether ball and volley ball. Match games were played by the girls of Tompkins Square, Hamilton Fish and Seward Parks.

The social occupation and kindergarten classes were largely attended. Basketry, paper folding, sewing cards and the splint work were immensely popular even to the boys. Those who had learned the rudiments assisted in the instructions of the beginners, who were equally anxious to learn. In this way the children spent many pleasant hours and completed some very handsome original work.

The little folks took to the kindergarten games and story corner and delighted in building subways in the sand pits.

All holidays and festive days were celebrated with appropriate exercises, which consisted generally of songs, drills, marches and recitations.

Arbor Day was celebrated on Tompkins Park by the children of all the playgrounds, assisted by the Children's Aid Society. The ceremonies included addresses, songs and recitations by the children and the planting of an elm furnished by the Department.



NEARING HARVEST—CHILDREN'S SCHOOL FARM.

Even during the cold days of the winter, which was one of exceptional severity, the swings were always busy, and together with the snow work kept the children happy. Snow houses were erected, snow-men made and toboggans built.

The Opening of Tompkins Square Park.

On July 12 the 12-lap track at Tompkins Square Park was formally opened. The exercises consisted of addresses, a band concert and athletic games for the public and parochial school boys and the boys of the playgrounds. Public School 40 carried off the honors. Ten sets of gold, silver and bronze medals were awarded the winners. Two hundred souvenir medals were distributed to those entered in the events.

Thomas Jefferson Park.

On October 7 the opening exercises were held at Thomas Jefferson Park and made a gala occasion. The programme consisted of addresses, a band concert, choruses by 2,000 children, a mass flag drill by 200 children, a mass dumbbell drill by 200 boys, a gymnastic exhibition and athletic games. The boys of John Jay Park carried the meet, the standing being as follows: Hamilton Fish, 27; John Jay, 28; Tompkins, 19; Seward, 6; Corlears Hook, 1; Thomas Jefferson, —. Twenty sets of gold, silver and bronze medals were awarded to the winners. Five hundred souvenir medals were distributed and a celluloid souvenir button presented to each one of the children.

DeWitt Clinton Park.

On November 4 DeWitt Clinton Park was formally opened. The ceremonies were similar to those at the opening of Thomas Jefferson Park, Twenty sets of medals were awarded to the winners in the athletic events.

Hamilton Fish Park carried off the honors, the standing being as follows:

Hamilton Fish, 34; John Jay, 21; Tompkins, 6; Seward, 3; Corlears, 5; Thomas Jefferson, 1.

The repairing of the playground apparatus and material has been a big factor of the work, employing five men steadily.

The following improvements have been made on the playgrounds. A 12-lap cinder track was built in the Tompkins Square playground, the playground remodelled, the ground regraded and surfaced and a complete drainage system installed. The two playgrounds at Seward Park and one at Corlears Hook Park were regraded and surfaced. To prevent the children from wearing the surfacing from under the swing frames, wooden platforms were installed under the swings at Tompkins, Hamilton Fish and Seward Parks.

Attendance.

During fine weather over 10,000 children attend the several playgrounds daily.

The Children's Farm School Garden.

The garden is in and near the westerly side of DeWitt Clinton Park, at Fifty-third street and Eleventh avenue, New York City. Irregular in outline, the garden is 250 feet long, from north to south, and from 125 to 150 feet wide, from east to west, and contains about three-fourths of an acre.

In 1905 it provided:

Plots for girls.....	215
Plots for boys	243
	<hr/>
Total	458
	<hr/> <hr/>

Each plot was 4 feet wide and 8 feet long. The vegetables were planted in five rows, running north and south, one row in centre, the next ones a foot away on each side, the others 8 inches outside of these, leaving 4 inches to edge of path. The small paths were 18 inches wide. The other paths were 3 feet, 4 feet, 5 feet and 6 feet, according to the amount of traffic.

In the centre of the garden was a 50-foot flagpole, carrying flag 20 by 12 feet. At the base of the pole there was a circular flower bed 18 feet in diameter. About the garden there were many small observation plots, in which were grown 32 vegetables, 22 flowers and 17 weeds.

Nearly all the observation plots were along the edge of the garden because here were small plots of land unsuitable for children's plots.

The children's plots were individual small farms, which belonged to the child from planting to harvesting (dependent upon good behavior), and which no one else was allowed to work upon. The sense of ownership, often a new thing to the child, added an importance to the tiny farm which nothing else could, and stimulated to a marked degree the interest in what was developing in the farm each day. On this farm the owner must do all the work alone. But seldom was it enough to use up their energies, so the surplus energy was given to the general work in the garden.

The observation plots were from a few square inches to several square feet in size, and were for the twofold purpose of growing other plants which could not be grown in the children's plots, and to furnish work for the children which should not be entirely for themselves. In other words, that they might learn to labor for the general good.

In the observation plots it was possible to grow a variety of plants which would be instructive and helpful to the many grown visitors who came to see the garden. These were of especial interest to teachers who were able to see and get specimens of growing plants which they used in their classrooms. They took advantage of this both by getting specimens and by bringing classes to the garden.



THE HEMLOCK GROVE—BRONX PARK—BOTANICAL GARDEN.

The house used in the garden in 1905 is the same one as in 1904. A cottage 32 by 12 feet, with a piazza 32 by 12 feet, located at the north end of the garden. Also the same tool house.

During 1905 the pergola was completed and will supersede the cottage in future work. The new pergola is open to the public on top. The building is 207 feet long and adjoins the garden on its west side. It contains rooms for work in household industry, a demonstration hall, capacity between 200 and 300 seats, with two sets of folding doors so that it can be divided into three separate rooms. Also a boiler room and steam heating plant, a tool and work room and a large room for the park laborers and their tools. The rooms are about 27 feet wide inside.

Children's School Farm, DeWitt Clinton Park.

Yield of 356 Plots, May 23 to July 31, 1905.

	Total.	Average Per Plot.
Radishes	45,096	127
Peapods	7,139	20
Beets	11,450	32
Beet tops, quarts.....	845	2.4
Carrots	10,189	29
Ears of corn	698	2
Lettuce, quarts	703	2
Lettuce heads	3,843	10.8
Onions	10,471	29.6
<hr/>		
Number of boys.....		240
Number of girls.....		226
<hr/>		
Total		466
Transfers for various reasons.....		110
<hr/>		

Yield of 458 Plots, August 1 to November 9, 1905.

	Total.	Average Per Plot.
Radishes	32,253	70
Kohlrabi	437	.95
Beans, quarts	645	1.4
Beets	10,755	23
Beet tops, quarts.....	862	1.9
Turnips	4,496	9.6
Lettuce, heads	2,154	4.7
Onions	6,453	14
Kale, quarts	97	1
<hr/>		
Number of boys.....		348
Number of girls.....		286
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Total		634
Transfers for various reasons.....		176

Whole Season, 1905.

One Hundred and two plots, one crop.

Three hundred and fifty-six plots, two crops.

Yield from May 23 to November 9, 1905.

Three hundred and fifty-six plots gave average per plot of:

	First Crop.	Second Crop.	Total.
Radishes	127	70	197
Peapods	20	..	20
Beets	32	23	55
Beet tops, quarts.....	2.4	1.9	4.3
Ears of corn.....	2	..	2
Carrots	29	..	29
Lettuce, quarts	2	1.9	3.9
Lettuce, heads	10.8	4.7	15.5
Onions	29.6	14	43.6
Kale, quarts .....	..	1	1
Beans, quarts	1.4	..	1.4
Turnips .....	..	9.6	9.6
Kohlrabi .....	.95	..	.95



THE WEST DRIVE—BRONX PARK—BOTANICAL GARDEN.

Number of boys.....	588
Number of girls.....	512
	<hr/>
Total number of farmers.....	1,100
	<hr/> <hr/>

Transfers for various reasons, 286.

Transfers for season amounted to 26 per cent.

For the vacation months the daily morning attendance averaged 25 per cent.; the daily afternoon attendance averaged 24 per cent.; the daily total attendance averaged 49 per cent.

The majority of the children came every other day, and the average attendance every two days was 74 per cent.

Causes of Absences Which Led to Transfers of 286 Plots.

	Per Cent.
Cause unknown	44
Some one in family sick.....	6
The "Farmer" sick.....	..
Too much work at home.....	5
Went to the country for vacation for two weeks.....	9
Careless and lack of interest.....	20
Lost 2d tag	4
Misunderstanding	5
Deaths	1
Moved away	5
Mother wanted child to study music and asked to have plot taken away, two girls and one boy.....	1

Number of schools represented in the Garden, 14. Public, Parochial, Children's Aid.

Vegetables and Flowers Grown in the Children's School Farm, DeWitt Clinton Park, 1905.

Vegetables from Seed—Pumpkin, tomato, castor plant, potato, gourds, lettuce, spinach, cabbage, kohlrabi, muskmelon, turnips, peanuts, macaroni, wheat, oats, clover, buckwheat, jimson weed, egg plant, watermelon, summer squash, strawberry, field corn.

Flowers from Seeds—Portulacca, candytuft, sweet alyssum, poppy, lady slipper, sunflower, cosmos, nasturtium, marigold, scarlet runner, mignonette, gladiola from bulbs.

Flowers transplanted from Park Greenhouse—Geranium, canna, bergonia, alternathera, colia, ageratum, verbena, vinca rosa, vinca alba, sant oliva.

Weed plot was maintained which grew two kinds of dock, sheppard's purse, butter and eggs, morning glory, bind wood, pussley, ragweed, smartweed, several grasses, three clovers, galinsga, mullein, two plantains, toadstools, chickweed, jimson weed.

Vegetables Grown in the Children's Plots—Radish, pea, bean, beet, corn, turnip, carrot, lettuce, onion, kohlrabi.

Seeds Purchased for Early Planting.

Corn, Early Cory.	Beet, Egyptian.
Potato, Earl Rose.	Radish, Scarlet turnip.
Beans, Scarlet Runner.	Kohlrabi, White Vienna.
Lettuce, Big Boston.	Peas, American Wonder.
Onion, White Large Globe.	Turnip, Snowball.
Carrot, Early Forcing.	

Late Planting.

Kale, Dwarf Green Scotch.	Peanut.
Radish, Scarlet Globe (Vicks).	Egg Plant, Imp. New York Purple.
Beans, Refugee 1000-1.	Cucumber, White Spine Imp.
Beet, Detroit Dark Red.	Barley, Albert.
Beets, Detroit Deep Red.	Squash, Summer Crook Neck.
Carrot, Danvers Half Long.	Grass, Red Top.
Lettuce, Salamander.	Rye, Winter.
Lettuce, Denver Market.	Watermelon, Kolbs (failed).
Onions, White Portugal.	Brussel, Sprouts Imp. Half Dwarf (not used).
Kale, Brown Plants.	Radish, Long Scarlet White Tipped (Chartier) Observation Plot.
Kale, Green Plants.	Radish, French Breakfast Observation Plot.
Tomato, Acme.	Spinach, Large Round Viroflay.
Tomato, Round Red (not used).	Wheat, Durum.
Beans, Round, 6 weeks.	Radish, White Strasburg Summer.
Buckwheat, Japan.	Muskmelon, Rocky Ford (failed).
Lettuce, Black Seed Simpson.	Corn, Sweet, Earl Cory.
Turnip, White Strap Leaf Flat.	Celery, Perfection Hartwell (not used).
Gourd, Mixed.	
Pumpkin, Large Cheese.	
Oats, New York State.	

Flower Seeds.

Morning Glory.	Marigold, yellow.
Holyhock, fine double mixed (not used).	Snapdragon, double.
Alyssum, Maritimum.	Clover, crimson (failed).
Bachelor's Buttons or Cornflowers (failed).	Clover, red (failed).
Cosmos, tall mixed.	Clover, alsike.
	Portulacca, single-mixed, splendid.



THE GORGE--BRONX PARK.

Lady Slipper, Double Mixed.

Poppy, Shirley.

Candytuft, mixed.

Nasturtium, tall, mixed.

Sunflower, Russian.

Sweet alyssum.

Visitors, 1905—Pupils of Schools and Colleges.

New York Training School for Teachers, three visits in classes from 40 to 70, with Teachers.

Brooklyn Training School for Teachers, three visits, in classes of from 58 to 65, with Teachers.

Teachers' College, in classes of from 7 to 30, with Teachers.

Professor Noyes' Manual Training Class, Teachers' College, Columbia University, in classes of 30.

School of Philanthropy, to study sociology party of 7.

Visiting schools using the garden as a laboratory for nature study, without interrupting the work of the regular little farmers—

Public School 51, No. 519 West Forty-fourth street, six visits, accompanied by Teacher, in classes of 28, 33, 42, 47, 48, 48. Total, 246.

Public School 17, No. 335 West Forty-seventh street, 22 visits accompanied by a Teacher, in classes of 18, 9, 10, 16, 7, 30, 33, 24, 30, 18, 32, 32, 46, 28, 29, 28, 34, 38, 31, 22, 32, 32. Total, 579.

Public School 28, No. 257 West Fortieth street, one visit in class of 6.

Public School, No. 416 West Fifty-fourth street, one visit in class of 26.

Public School, No. 235 West Fifteenth street, one visit in class of 40.

Kindergartens.

Public School 58, No. 317 West Fifty-second street, one visit in class of 20.

Public School Kindergarten, three visits in classes of from 20 to 25, with Teachers.

West Side Settlement, five visits, in classes of 12, 30, 13, 12, 29. Total, 96.

West Side Kindergarten, Fiftieth street, on Tenth avenue, two visits, classes of 20 and 40. Total, 60.

Cripple Children's Driving Fund, parties of 31, 32, 34, 40, 40, 40, 40. Total number, 257.

Speyer Summer School, J. W. Pincus and class of 22 children.

Summer of 1905—Lessons Taught.

Theoretical Talks.	Practical Work.
Private care of public property, citizenship. Attitude of the citizen of the garden toward the visitor to the garden. Individual rights vs. Community rights. Power of co-operation. Dignity of Labor	Theories put into excellent and noticeable practice in the new park.
The Hoe—Its history and evolution.....	Used in everyday work.
Spade	Spading and path making.
Spading fork	Spading in manure, etc.
Rake	Raking garden and paths.
Sieve	Separating trash from soil.
Garden Line—How to make straight lines. Curves and angles. Tape measure.....	Making paths and plots.
Wheelbarrow—Principles of loading and using	Wheeling manure, soil and rubbish.
Water pot	Watering in sun and shade.
Handweeder	Weeding and loosening soil.
Trowel	Transplanting.
How to tie some useful knots.....	Used in flag raising, doing up bundles, putting up clothes lines, etc.
Soil—What it is. How it is made. Some different kinds. What it supplies to plants. Cultivation of soil. Mulches and their use. Soil drainage. Water in soil. Air in soil. Warmth in soil.....	Samples collected, and different points noted and talked about day after day in the children's own plots. Effect of different soil conditions noticed in growing plants.
Manure—What it is. Why we add it to garden soil. Draws and holds moisture. Adds warmth and plant food. Carries weed seeds. Increases soil ventilation. Makes acids which break up minerals from which come plant food.....	A large quantity of manure was handled by the children. They wheeled it across the garden, spread four inches deep and spaded it in on ground 30 by 250, as well as a bushel of it spaded into 356 other plots.
Seeds—Inside and outside.....	Besides regular planting of their plots, the seeds were dissected and sprouted for study.



THE ROAD TO THE FALLS—BRONX PARK.

Theoretical Talks.

Practical Work.

<p>Below Ground—Roots. How they grow. How they differ from stems. Some underground stems.....</p> <p>Above Ground—Stem. How they grow. How they differ from roots. Some over ground roots</p>	}	<p>Subjects for these talks were taken from children's plots and weed plots. Beets, etc., and grasses.</p>
<p>Leaves—The plants' stomach, lungs, and general laboratory. Color and how affected by light. Wilting, etc.....</p> <p>Water in growing plants and where it got in, and where it goes out. How much needed. What else plant gets from soil. How much per cent. What plant gets from air. How much per cent. Proportion of plant which came from each. Earth, air and water.....</p>	}	<p>The information gained in these talks was fixed by observation in the daily garden work, and by simple experiments.</p>
<p>Beans and peas—Watching for the blossoms. Watching for the pods. Discovery of the nodules on the roots. Story of the nodules.....</p>		<p>Names of parts.</p>
<p>Air—What it is. Mixture of gases. Names of the gases.....</p>		<p>Making wind breaks and shelters.</p>
<p>Carbon Dioxid—Where it comes from. Use to plants.....</p> <p>Oxygen and Nitrogen—Organic impurities in air. How rain washes the air. How we protect ourselves from wind and why. Importance of air to animals and plants..</p>	}	<p>Cultivating to get air into soil. Thinning plants to get more air.</p>
<p>Water—What it is. No pure water in nature. All mineral food of plants must be dissolved and carried in by water. Impurities of water, minerals, bacteria. Decaying organic matter (dead animal vegetables). Importance of water to animals and plants. How plants keep cool on hot days.....</p>		<p>Watering the garden. Saving moisture by mulching. Ditching and raising plots to carry off water. Irrigating the garden. Weeding to save water.</p>
<p>Sunlight—Color shown by prism. Purifying power of sunlight. How sunlight affects health.....</p>		<p>Using a burning glass. Bleaching clothes by sunlight. Bleaching plants by darkness.</p>
<p>Warmth from sun.....</p>		<p>Thinning plants to get more sun.</p>
<p>How leaves make starch under sunlight. How light affects color of leaves and children. Sunlight and air vs. washing..</p>		<p>Planting rows north and south to get more sunlight.</p>

 Theoretical Talks.

Insects—Friends and enemies. Cabbage worm and butterfly. Plant lice. Tomato worm and parasites. Lady bug and larvae and many others, captured and mounted for study. Flies and maggots.

 Practical Work.

Children learned to know a number of insects and captured and killed a great number of enemies, and when they learned of the use of the ladybugs, they caught them and put them on their own plots. Two insectaries were made by the children and butterflies and caterpillars kept in them and fed and watched.

Preparing seed bed.

Planting seeds.

Transplanting lettuce, etc.

Weeding.

Making paths.

Raking paths.

Watering plots.

Thinning vegetables.

Pulling vegetables.

Spading, using wheelbarrows.

Cutting grass.

Painting and numbering signs.

Cutting grass.

Laying sod, etc.

The children did all the work, and the majority proved quite capable. Only enough was done by instructors to get them started right.

VISITORS, 1905.

City Officials.

Edward M. Grout, Comptroller.

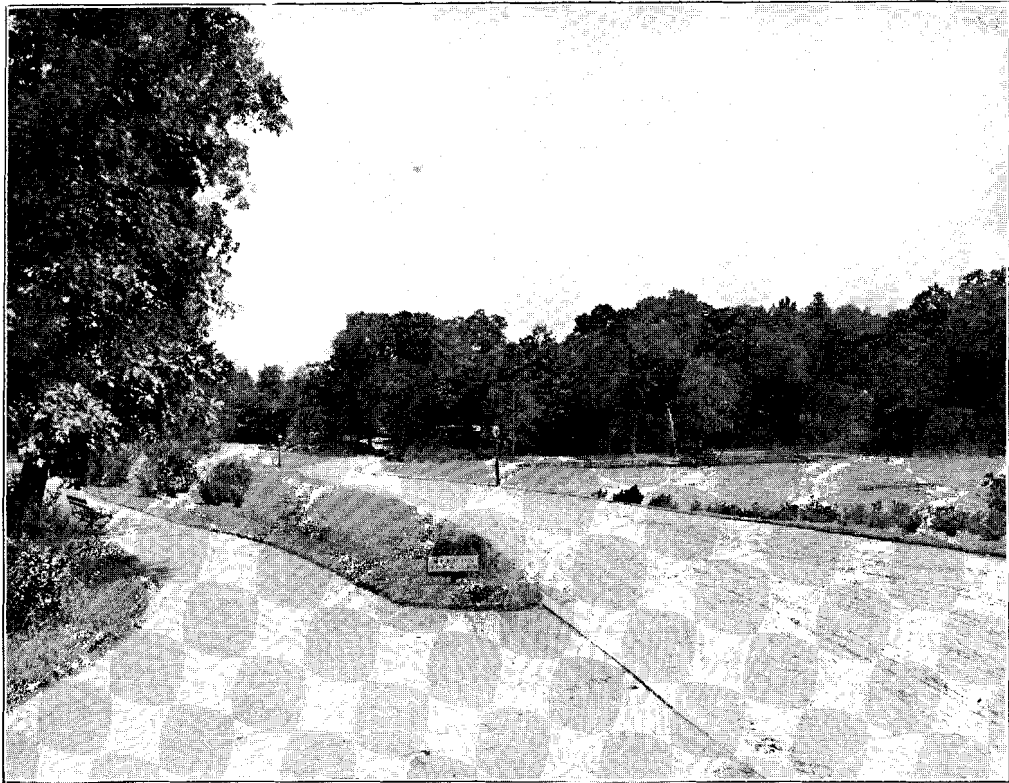
John J. Pallas, Commissioner of Parks (deceased).

Samuel Parsons, Jr., Commissioner of Parks, Borough of Manhattan.

Willis Holly, Secretary, Park Board.

Edward A. Miller, Chief Engineer, Park Department, Borough of Manhattan.

Hon. John J. Twomey.



ENTRANCE FROM PELHAM PARKWAY—BRONX PARK.

Authors, Editors and Educators.

- W. D. Howells (author), New York.
 Henry James (author), London.
 Lyman Abbott, Assistant Editor of the "Outlook."
 M. A. Bigelow, Teachers' College, Columbia University.
 F. A. Richardson, Editor of the "International Quarterly," New York.
 George H. Maxwell, Editor of Maxwell's "Talisman," Chicago.
 Dr. F. M. Hexamer, Director of American Institute, Editor of the "American Agriculturist."
- A. C. True, Director of the Experiment Station, Washington, D. C.
 Professor Dick Crosby, Experiment Station, Washington, D. C.
 Henry M. Leipziger, Head of Lecture Course, Department of Education, New York City.
- Clarence E. Meleney, Associate City Superintendent.
 Andrew W. Edson, Associate City Superintendent.
 Edward L. Stevens, Associate City Superintendent.
 A. S. Higgins, Associate City Superintendent.
 J. T. Stewart, District Superintendent.
- Herman T. Lukens, Head Training Teacher, State Normal School.
 C. Edward Jones, Educational Department, Albany, N. Y.
 James E. Lough, Professor of Psychology, New York University.
 Jenny B. Merrill, Director of Kindergartens, New York City.
 Karl Kelsey, Professor in University of Pennsylvania.
 J. E. Hagerty, Professor of Economics and Sociology, Ohio.
 Gilbert H. Trafton, Supervisor of Nature Study, Passaic, N. J.
 Ina W. Bowman, Teacher of Mathematics, High School, East Liverpool, Ohio.
 S. B. McCready, Professor of Nature Study, McDonald Institute, Guelph, Canada.
- A. Isabel Mulford, McKinley High School, St. Louis, Mo.
 Miss H. A. Luddington, Instructor of Science, Training School for Teachers, Brooklyn, N. Y.
 Anna M. Clark, Teacher of Nature Study, New York Training School for Teachers.
- Professor P. P. Claxton, Knoxville, Tenn.
 Mrs. Howard Van Sinderin, New York.
 Miss Emily L. Tuckerman, New York.
 Stanley A. Gage, Public School No. 87, Instructor Manual Training.
 John J. Murphy, Secretary of the Citizen's Union.
 Francis E. Deland, Noel House, Board of Governors, Washington, D. C.
 Frederick C. Boynton, New York.
 Miss Jane F. Tuckerman, New York.

- Mrs. H. Leipziger, New York.
 Miss Pauline Leipziger, New York.
 Miss Jennie McKenzie, Principal of Public School 28.
 Ella C. Elder, Kindergarten Supervisor, Buffalo, N. Y.
 George William Hunter, Instructor, Nature Study Class, New York University.
 George T. Powell, Ghent, N. Y.
 C. Blake Orcutt, Vice-President of Long Acre League.
 Alexander P. Proudfit, New York.
 J. Austin Shaw, Manager, Florists' Review, Borough Park, Brooklyn.
 Annie Whittington, Secretary of School Gardens, Boston, Mass.
 Grace H. Dodge, New York.
 Katharine S. Drier, Brooklyn.
 Zoe S. Liebman, Brooklyn.
 May Mathews, Hartley House, New York.
 George W. Eastburn, Secretary of Long Acre League.
 Wallace Gillpatrick, the Chrystie Street House, New York.
 Professor William Noyes, Manual Training, Teachers' College.
 A. C. Brown, Principal, Melrose, Mass.
 Katharine W. Perry, Principal, Public School 135, New York.
 Bishop and Mrs. Courtney, New York City.
 Charles P. Stover, New York.
 J. K. Paulding, No. 130 East Twenty-fourth street, New York.
 Mrs. Clarence Burns, New York City.
 Mrs. Henry Forbes Kiddle, New York.
 George H. Chatfield, Principal of Public School 51, New York.
 A. Hall Burdick, Principal of Public School 14, Richmond.
 Adelaide Crommelin, Orange Valley Social Settlement, Orange, N. Y.
 Mrs. George Washburn, Constantinople, Turkey.
 Helen Brace Bunce, Children's Gardens at Riverdale, Hartford, Conn.
 George A. Cain, Newman School, Hackensack, N. J.
 Mary Reidy, Kohler and Campbell Physical Department.
 Maggie Haller, Germany, Berlin Agriculture School for Ladies.
 E. W. Haines, Home Gardening Association, Cleveland, Ohio.
 Walter Laidlaw, Secretary of Church Federation.
 Rebecca J. Slaymaker, Head Teacher, Pittsburg Vacation School.
 Miss Chanler, President of Women's Municipal League.
 Bert L. Suer, Department of Manual Training, Schenectady, N. Y.
 W. J. Stevens, St. Louis, Mo., Chr. of School Gardens Committee of Civic Improvement League.
 Ida M. Martin, St. Louis, Mo., Kindergarten Director.
 Margaret C. Laidlaw, Kindergarten Supervisor, Hartford, Conn.



THE BRONX RIVER FALLS—BRONX PARK.

- Mrs. A. E. Carter, Critic Teacher, Speyer School, New York City.
- Mrs. M. A. Tilton, Industrial School, Boston, Mass.
- Mary C. Pickett, Normal College Alumnae House.
- Mary Lawler, Jackson School, Cincinnati, O.
- Emma J. Luebke, Principal of Tenth Primary School, Milwaukee, Wis.
- E. J. Bonner, Principal of High School, Dansville, N. Y.
- Mrs. Russell Sage, No. 632 Fifth avenue, New York.
- Miss A. Gilson, Principal of Children's Aid Night School.
- H. Grace Parsons, Head of Kindergarten Department, Central State Normal School, Mt. Pleasant, Michigan.
- Helen Christine Bennett, Supervisor of School Gardens, Philadelphia, Penn.
- Miss M. Young, Teacher of Manual Training, Princeton College.
- Y. Komori, Tokyo, Japan, sent by Japan to study educational movement.
- Miss H. Bishop, No. 72 Easton place, London, England.
- David I. Kelly, Supervisor of City Playgrounds.
- Mary E. Williams, Director of Domestic Science, N. Y.
- D. M. Mason, M. D., London, England.
- Mary R. Mason, Bickley, Kent, England.
- Myron E. Adams, West Side Neighborhood House.
- Horace Shoemaker, West Side Neighborhood House.
- A. Isabel Mulford, McKinley High School, St. Louis, Mo.
- Elizabeth Akin, Private Kindergartner.
- Lena C. Freitag, Teacher in Lincoln School, Ottawa, Ia.
- Jennie Viola Terry, Principal, Public School 34, Borough of Richmond.
- Mary E. Lord, Teacher of Nature Study, Public School 142, Brooklyn, N. Y.
- Mrs. I. H. Clark, Supervisor of Manual Training, Milwaukee School.
- Emily Gardener Moore, Kindergartner, Baltimore, Md.
- Mary C. Pickett, Normal College Alumnae House.
- Bolton Hall, New York City.
- Edna Meeker, Director of Children's Driving Fund.
- Ella Patten Merrill, Nature Study Teacher, Brooklyn Training School.
- Lawrence H. Tarker, Department of Education.
- Annah P. Blood, Nature Study Teacher, Public School 17.
- Edward Mahoney, Yonkers School Garden.
- Martha L. M. Draper, Local School Board No. 9.
- Katharine D. Blake, Public School 6, Manhattan.
- Oliver Draper, New York.
- Margaret L. Dike, Public School 6, Manhattan.
- K. A. McCann, Principal of Public School 17.
- A. S. Frissell, President of the Fifth Avenue Bank.
- Mrs. Margaret M. Holly, New York.
- J. W. Pincus, Woodbine, N. J. (Instructor of Agriculture, Baron Hirsch School).

States and Cities Represented by the Visitors to the Garden, 1905.

Countries	5
States	34
Cities	131

States and Cities.

- Alabama—Tuskegee.
- Arkansas—Fort Smith.
- California—San Jose, Los Angeles, Stanford, Belmont, San Francisco.
- Connecticut—Hartford, New Haven, Meriden, Haddane, New London, Westport, Bridgeport, Milton, Saugatuck.
- Florida—DeFuniak Springs, Maritima.
- Georgia—McRae, Temple, Forsyth, Milledgeville, Wrens.
- Illinois—Chicago, Carbondale.
- Indiana—Indianapolis, New Albany, Fort Wayne, South Bend, Kavila.
- Iowa—Cedar Falls, Sioux City, Burlington, Tripoli.
- Kansas—Altamont.
- Kentucky—Louisville.
- Maine—Woolwich, Waterville.
- Maryland—Baltimore, Salisbury.
- Massachusetts—Boston, Cambridge, Springfield, Melrose, Waltham, Watertown.
- Michigan—Mount Pleasant, Milwaukee, Grand Rapids.
- Minnesota—Minneapolis, Waseca, So. Gerard.
- Missouri—Kansas City, St. Louis.
- Nebraska—Omaha, Pawnee City.
- New Jersey—Montclair, Hackensack, Rutherford, Edgewater, Asbury Park, East Orange, Jersey City, Woodbine, Phillipsburg, Arlington, Ridgewood, Maywood, Bayonne, Carlstadt, Atlantic City, Princeton, Morristown.
- New York—Lockport, Rochester, Buffalo, Brooklyn, Ithaca, Cape Vincent, Jamestown, Troy, Oswego, Cornwall, Newburgh, Jamaica, Schenectady, Victor, New Berlin, Binghamton, Poughkeepsie.
- North Carolina—Raleigh.
- Ohio—Youngstown, Dayton, Cleveland, Columbus, Cincinnati, East Liverpool, Alliance, Newark.
- Pennsylvania—Pittsburg, Lancaster, California, Wilkesbarre, Philadelphia, Manicoke, Sunbury, Williamsport, Landowne.
- Rhode Island—Providence.
- South Carolina—Columbia.
- Tennessee—Nashville, Knoxville.
- Texas—Austin.
- Utah—Salt Lake City.
- Vermont—Whiting.



FOOT BRIDGE AT THE FALLS—BRONX PARK.

Virginia—Richmond.
 District of Columbia—Washington.
 Wisconsin—Oshkosh, Westfield.
 Turkey—Constantinople.
 England—London, Brickley.
 Japan—Tokyo, Osaka.
 Bulgaria—Philippolis.
 Canada—Winnipeg, St. John's, Toronto.
 Indian Territory—So. McAllister.
 West Virginia—Wheeling.

Children's School Farm Salary List for 1905, Giving Time, Rate and Amount.

Name.	Hired.	Discharged.	Whole Days.	Half Days.	Total Time.	Rate.	Amount.	
May Lenahan	Feb. 16	Nov. 25	....	....	40w.	\$8 00	\$320 00
May Lenahan .....	.....	.....	3	....	....	1 00	3 00
Louise Loehr	Apr. 24	Sept. 2	....	....	19w.	3 00	57 00
Louise Loehr	Sept. 4	Nov. 11	....	....	10w.	5 00	50 00
Mary I. Pease	Apr. 14	Sept. 9	61	49	85½	3 00	256 50	
E. E. Mead.....	Apr. 15	Oct. 14	79	57	107½	3 00	322 50	
H. G. Parsons	Apr. 17	Oct. 15	174	....	174	5 00	870 00
G. F. Longacre	May 10	Oct. 14	107	28	121	3 25	393 27	
Ruth Ward	May 20	Oct. 14	64	58	93	3 00	279 00	
M. Howard	May 20	June 17	3	16	11	3 00	33 00	
M. Henderson	May 23	July 8	6	22	17	2 50	42 50	
J. W. Oliver	May 23	Aug. 31	57	26	70	3 00	210 00	
Julia L. Ramsey.....	May 29	June 23	1	22	12	3 00	36 00	
J. N. Lobdell.....	June 1	Aug. 11	39	14	46	3 00	138 00	
Grace Wells	June 5	Aug. 5	34	20	44	3 00	132 00	
Grace Wells.....	Extra Time.		....	....	....	1 00	1 00
J. M. Henry.....	June 21	June 30	3	6	6	2 50	15 00	
J. M. Henry.....	July 1	Oct. 14	62	25	74½	3 00	223 50	
M. A. Campbell.....	July 5	Sept. 9	52	5	54½	2 50	136 25	
W. L. Mason.....	Aug. 5	Sept. 29	24	18	33	3 00	99 00	
E. D. Lucas.....	Sept. 11	Oct. 14	{ 4	....	....	3 00	35 00
			{	23	....	1 00	
								\$3,652 52

Item—Mr. Longacre's pay was \$393.27, instead of \$393.25, because of fraction on four payments, 2 cents.

Published Accounts of DeWitt Clinton Park.

Publication.	Date.	Title.
Department of Parks, program..	Nov. 4, 1905	Opening of DeWitt Clinton Park.
Report of Mrs. Henry Parsons..	Oct., 1904	First Children's School Farm, New York City.
Department of Agriculture.....	1905	School Gardens.
Experimental Department, Bulletin No. 160.....	.....	The School Farm Garden.
The "Public Outlook".....	Mar. 11, 1905	The School Farm Garden.
The "Public Outlook".....	May 2, 1903	First Children's School Farm in New York City.
The "Ottawa Naturalist".....	Feb., 1904	School Gardens in Great Cities.
Charities .....	.....	The Second Children's School Farm in New York City.
"Social Service"	Aug., 1903	Children's School Farm.
The "American Monthly".....	Apr., 1904	School Gardens in Great Cities.
The "Christian Work and Evangelist"	Oct. 25, 1902	The Child Farmers of New York.
The "Christian Herald".....	June 21, 1905	A School Farm for City Children.
A poster	Nov. 23, 1905	Children's School Farm.
New York "Times".....	July 23, 1905	Teaching City Children How to Become Farmers.
The Evening "Mail".....	Aug. 5, 1905	The New York Amateur Gardeners.
New York "Journal".....	Aug. 2, 1905	Busy Day in Park for 500 Children Farmers.
The New York Sunday "Press".	July 30, 1905	A Tiny City to be Ruled by Boys and Girls.
The New York "Times".....	Aug., 1905	A School of Household Industry, DeWitt Clinton Park.
New York "Press".....	Oct. 1, 1905	Diaries of the Little Farmers.
New York "Telegram".....	July 8, 1903	Young Farmers of DeWitt Clinton Park.
New York "Telegram".....	June 9, 1903	Small City Farmers of West Side to Plant on Larger Scale This Year.
Evening "Telegram"	June 22, 1903	Country House in City Park for Children.
"Tribune"	July 17, 1903	Three Little Farms.
"Tribune"	July 17, 1903	First Lesson in Seed Planting at Farm Gardens in DeWitt Clinton Park, New York City.
Evening "Telegram"	Sept. 9, 1903	DeWitt Clinton Weeps as Piggy Goes to Hospital.
Evening "Telegram"	Aug. 3, 1903	Pet of DeWitt Clinton Farm Newly Acquired.
"Mail and Express".....	Aug. 8, 1903	Child Farmers Nursing Crops.
The "World"	Aug. 13, 1903	Flag Raising by Little Farmers of New York City.
New York Daily "Tribune".....	Aug. 13, 1903	Unfurling of the Flag, DeWitt Clinton Park.
"Sun"	Aug. 13, 1903	Little Farmers Entertain.
"World"	Aug. 16, 1903	Scene at Opening of West Side Outdoor Gymnasium and Children's Garden in DeWitt Clinton Park.
New York Daily "News".....	Aug. 16, 1903	Scene at DeWitt Clinton Playground, Which Was Turned Over to the Children.



BATHING BEACH—PELHAM BAY PARK.

Publication.	Date.	Title.
Evening "Post"	Aug. 8, 1903	Fun for City Children.
"Mail and Express".....	Oct. 15, 1903	Our Farm May Be Abandoned.
The Evening "Telegram".....	Apr. 4, 1904	New Building Costing \$86,000 to Grace DeWitt Clinton Park.
New York "Herald".....	Apr. 24, 1904	The Little Farmers of the Big City.
Evening "Telegram"	Oct. 21, 1904	Mrs. Parsons, Founder of Children's School Farm, Gets World Fair Medal.
Evening "Telegram"	Aug. 4, 1904	Tiny City Farmers Plant Crop, Flowers.
Evening "World"	Oct. 15, 1904	Child Farmers Want City Help.
"Mail and Express" (duplicate).	Oct. 15, 1903	Our Farm May Be Abandoned.
Evening "Telegram" (duplicate copy)	Sept. 9, 1903	DeWitt Clinton Weeps as Piggy Goes to Hospital.
Evening "Mail"	Oct. 8, 1904	City Money for School Farm.
The "Sun"	Aug. 14, 1904	The City's Small Farm.
Song .....	.....	The Children's Farm School Pig.
Song .....	.....	Farewell Song to the Farm.
Evening "Telegram"	July 12, 1902	Little City Farmers Busily at Work to Raise Vegetables in Park for Market.
New York "Tribune".....	July 27, 1902	West Side Children on the Site of the Vegetable Garden.
Miscellaneous .....	.....	Little Farmers Are Hosts to Parents.
Miscellaneous .....	.....	Children's Farm School Visited.
Miscellaneous .....	.....	Wants to Give Each School Child a Plant.
Miscellaneous .....	.....	200 Boys and Girls Hoe in Tiny Farms.
"Tribune"	Aug. 14, 1902	Acting Mayor Fornes Addresses Children.
New York Morning "Sun".....	July 30, 1903	Farm for the Tenements.
"Florists' Review"	June 12, 1902	Plants for School Children.
New York "Herald".....	July 22,	Children Revel.
"Commercial Advertiser"	Aug. 7, 1902	School and Colleges.
"World"	Aug. 17, 1902	Playgrounds for Poor Children.
"Tribune"	Aug. 15, 1902	Farmers at City Hall.
.....	.....	Where Boys and Girls Are Taught Gardening.
Evening "Telegram" (duplicate).	July 12, 1902	Little City Farmers Busily at Work to Raise Vegetables for Market.
The Evening "Mail".....	Oct. 28, 1904	City Money for School Farm.
Evening "Telegram"	Feb. 18, 1903	Humor and Pathos in Children's Letters on Keeping Plants.
The Whitehall "Chronicle".....	Feb. 20, 1903	Children's Garden.
The Whitehall "Chronicle".....	Mar. 6, 1903	A Dream of Snowy February.
Evening "Telegram" (duplicate).	Aug. 4, 1904	Tiny City Farmer's Crop.
The "Christian Herald".....	June 21, 1905	A School Farm of City Children.
New York "Times".....	July 21, 1902	These City Children Will Learn Farming.
"Citizen's Union Report".....	1902	Parks, Manhattan and Richmond.
The "Sun"	Aug. 14, 1904	The City's Small Farmers.
Evening "Journal"	May 9, 1905	School Children's Farms in the Heart of New York.

SUMMARY.

DeWitt Clinton Park Children's Garden, Fifty-fourth Street and Eleventh Avenue.

Visitors to the Garden, 1905, came from 131 cities of 34 States of United States, and from 5 foreign countries.

Important educators	105
Total number of visitors.....	3,398

Season had two halves.

	Boys.	Girls.
First half	240	226
Second half	348	286
Total, 1905	588	512

All told, 1,100 children.

There were 14 different schools represented by the little farmers. Fifteen schools sent visiting classes repeatedly.

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

Sixty-one common plants were grown in the Garden and made familiar to the little farmers.

Common vegetables	32
Common flowers	22
Common weeds	17
	71

Visitors from May Until November, 1905.

Total number of adults.....	2,000
Total number of children.....	1,398
Total number of visitors.....	3,398



SPLIT ROCK—PELHAM BAY PARK.

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, 1905:

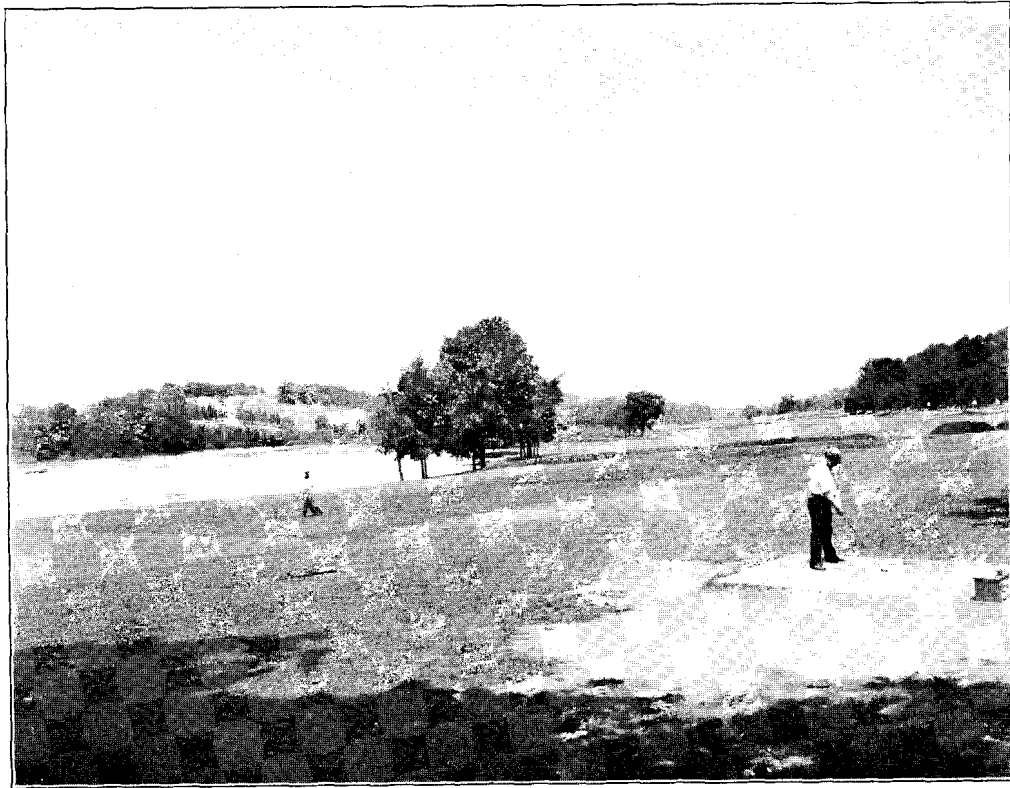
Title of Appropriations.	Amount of Appropriations.	Payments.	Amount of Unexpended Balances.
Salaries of Commissioners, Secretary and Employees of the Park Board.....	\$27,800 00	\$26,963 87	\$836 13
Boroughs of Manhattan and Richmond.			
Administration	36,300 00	34,967 28	1,332 72
Labor, Maintenance, Supplies, Preservation of Stone Work and Care of Trees.....	464,822 50	.....	.....
Supplies	\$90,394 70		
Pay Rolls	374,291 77		
	.....	464,686 47	136 03
Zoological Department	30,500 00	.....	.....
Supplies	\$14,871 01		
Pay Rolls	15,611 15		
	.....	30,482 16	17 84
Maintenance of Museums—			
American Museum of Natural History.....	160,000 00	160,000 00	.....
Metropolitan Museum of Art.....	150,000 00	150,000 00	.....
Music	28,700 00	28,582 50	117 50
Supplies and Contingencies.....	2,500 00	2,500 00	.....
Surveys, Maps and Plans.....	2,000 00	2,000 00	.....
Aquarium (New York Zoological Society).....	41,500 00	41,500 00	.....
Ambulance Service, Central Park.....	1,200 00	1,199 93	07
Care of Grant's Tomb.....	5,000 00	5,000 00	.....
Harlem River Driveway	18,660 00	18,644 91	15 09
Maintenance of Playgrounds, Kindergartens, Bath-houses and Comfort Stations in the Parks.....	66,000 00	65,481 22	518 78
Revenue Bond Fund—For the Maintenance of Parks, Parkways and Playgrounds in the Boroughs of Manhattan and Richmond, During the Year 1905..	80,000 00	80,000 00	.....

Cash to the amount of \$37,964.17 received for rents, privileges, etc., 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 year ending December 31, 1905:

Riverside Park and Drive, Completion of Construction, Grading and Constructing Drainage and Walks.....	\$9 73
Riverside Park and Drive, Completion of Construction of a Viaduct over West Ninety-sixth street	1,475 07
East River Park Improvement of Extension.....	843 33
Improvement of Parks, Parkways and Drives, Asphaltting in other localities in Central Park.....	172 42
Improvement of Parks, Parkways and Drives, Constructing New Walks around Arsenal Building and Repairing and Constructing other walks in Central Park	114 46
Improvement of Parks, Parkways and Drives—Improving Principal Entrance Central Park, Fifty-ninth street and Fifth avenue.....	168 02
New York Public Library Fund.....	905,721 21
Repaving with Asphalt Eighty-sixth street, from Central Park West to Riverside Drive	11 52
Construction of Improved Toilet Facilities in City Parks and Rebuilding Bank Rock Bridge in Central Park, Borough of Manhattan.....	3,727 33
Improvement of Parks, Parkways and Drives, Boroughs of Manhattan and and Richmond, Restoration and Improvement of the Jumel Mansion and Grounds	275 00
Improvement of Parks, Parkways and Drives, Boroughs of Manhattan and Richmond	22,528 38
Construction and Improvement of Small Parks in the Borough of Manhattan, to wit: John Jay Park, DeWitt Clinton Park, Thomas Jefferson Park, and the small Park at Thirty-fifth Street and First Avenue..	107,592 12
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways, Boroughs of Manhattan and Richmond.....	364,694 17
Aquarium Building in Battery Park, Improvement of, Borough of Manhattan	12,338 91
Construction of a Comfort Station in Madison Square Park, Borough of Manhattan	180 00
Cathedral Parkway, between Fifth and Seventh Avenues, Borough of Manhattan, Widening and Improvement of.....	37,542 72



GOLF LINKS—VAN CORTLANDT PARK.

BOROUGH OF THE BRONX.

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

Sir—In compliance with the provisions of the Charter I send you herewith a report of the work undertaken and accomplished in this Department during the year ending December 31, 1905.

Very respectfully yours,

GEORGE M. WALGROVE,
Commissioner of Parks, Borough of The Bronx.

The following is an outline of the work of improvement and maintenance in connection with each park and parkway:

PELHAM BAY PARK.

(Area, 1,756 Acres.)

Many substantial improvements have been completed or undertaken in this the largest of our parks during the year.

A wooden bridge extending from the mainland to Hunter Island has been constructed, and the old causeway below water removed, to prevent the channel from filling and in the hope that the tides may eventually wash out the mud. Sufficient time has not yet elapsed to determine whether or not this desideratum will be accomplished, but there is every reason to believe that it will.

Bath Houses—The number of bath houses has been increased to a total of 433. Of these, 333 are situated on the beach near the athletic field, and 100 at Orchard Beach. This improvement is a most desirable one, as the capacity of the bath houses was entirely inadequate for the already large and constantly increasing number of visitors to the park.

Comfort Stations—A comfort station has been erected near the present bath houses at the athletic field. Another comfort station is also in course of construction near the bath houses at Orchard Beach; the foundations have been laid and the framework erected. The work of excavation is also in progress on a comfort station in the northern part of the park, near Hunter Island, the contract having been let in December, 1905.

The Shore road, leading from the Eastchester Bridge, along the easterly side of Eastchester Bay, around to Glover's Rock, on the City Island road, has been widened from 16 feet to 30 feet, to accommodate the large traffic on this road. The entire road has been resurfaced with stone broken by the stone-crusher. The work of surfacing with crushed stone the Shore road leading from Glover's Rock along the shore of Pelham Bay to the City Island Bridge is now in progress. When this is finished the driveway will be in excellent condition and will present a very handsome appearance.

Golf Links—The extending of the nine-hole golf course to an eighteen-hole course has added greatly to the attractiveness of the park, as the links are immensely popular among the residents of the neighborhood, and the nine-hole course was entirely too small for the number of players who visited the links.

During the year about 3,000 feet of old stone wall was torn down, broken by the stone-crusher and used for repairing and surfacing roadways.

A trench was dug and 2,500 feet of 2-inch water-pipe laid; also 575 feet of 3-inch water-pipe was laid.

Fifty acres of new ploughed lands were harrowed and grass seed sown.

A rustic fence was built around the athletic field.

The old drinking fountain for horses at Pelham parkway was removed and a new fountain erected.

Seven new flower beds were planted.

Many dead trees were removed from the park.

Culverts were rebuilt and gutters and basins cleaned and repaired.

The general improvement of the park entailed considerable carting of earth, excavating of rock, etc., all the work being done by park labor.

BRONX AND PELHAM PARKWAY.

(Length, 11,861 feet; width, 400 feet.)

This driveway, over its entire distance, from Bronx Park to Pelham Bay Park, has been resurfaced with trap-rock screenings and thoroughly rolled; the paths on both sides have been cleaned, all trees trimmed and the parkway is now in first-class condition. Two years ago the experiment of planting large trees taken from park forest lands was tried, but, having proven somewhat of a failure, the trees have been removed and a lot of fine nursery elms substituted.

At the foot of the river a dry wall 250 feet long was built.

At Pelham avenue and White Plains road 200 feet of wire fence was constructed.

The approach to the Zoological Garden has been terraced.

MOSHOLU PARKWAY.

(Length, 6,035 feet; width, 600 feet.)

For nearly its entire length this parkway has been graded. The carriageway has been completed from Bronx Park to Van Cortlandt Park. A portion of this consists of two roadways of 50 feet each, and other portions of one single roadway of 60 feet. All along the completed portions, between Webster and Jerome avenues, fine, well-developed elm trees have been planted. The roads are now in excellent condition and have been thrown open to the public. This parkway is now completed, with the exception of certain grading and paths, which it is expected will be finished during the coming year.



INDIAN POND—CROTONA PARK.

VAN CORTLANDT PARK.

Area, 1,132.35 Acres.)

Vault Hill Road—The work of extending and surfacing Vault Hill road has been completed during the past year, the work being done entirely by park labor; and a road 800 feet in length has been built, leading to the Tremper house. This is a very desirable improvement, enabling, as it does, automobiles to reach the restaurant in the park on the old road. The completion of Vault Hill road has opened up a large portion of the park heretofore inaccessible to carriages.

Grade Crossing—A most important and necessary improvement accomplished during the past year was the elimination of a dangerous grade crossing at Van Cortlandt station, in this park, and the building of an underground approach to the station to take its place. The expense of this work was borne jointly by this Department and the railroad company.

The Colonial Garden has been prepared for raising to a proper level, as contemplated in the original plans, by removing the more valuable plants; but the work on this improvement has been deferred on account of lack of funds. It will require not less than \$150,000 to make the proposed improvement in these gardens, including the elimination of the marsh to the south; and until the amount is available nothing more can be done.

Water-pipe—A new 2-inch water-pipe was laid leading from the junction of Van Cortlandt Park South, and Van Cortlandt avenue to the skate house, a distance of 2,200 feet. This was found to be necessary because of the inadequate supply from the old pipe line.

Roads—All the roads have been thoroughly repaired, including Grant avenue and Mosholu avenue, both of which have been resurfaced with stone screenings, all the work being done by park labor.

A pathway with telford foundation and trap-rock surface has been laid from Jerome avenue to Gun Hill road. This path has a width of 10 feet and is a great convenience to people who wish to reach Van Cortlandt Park by way of Jerome avenue.

Golf Links—Work on the new eighteen-hole golf course is still in progress, and the links will be ready for use early next season.

A new cricket ground was laid out and prepared for use.

Five football fields were laid out and the polo fields, baseball diamonds and tennis courts kept in good order.

Three thousand feet of old stone wall was removed and carted away.

SPUYTEN DUYVIL PARKWAY.

(Length, 11,500 feet; width, 60 to 180 feet.)

A path has been made on the northerly side of this parkway for its entire length, connecting the Spuyten Duyvil station with Broadway at the westerly entrance to Van Cortlandt Park. Also a pathway is in course of construction to cut off the big loop near Broadway. This will be of great convenience to pedestrians.

The northerly side of the parkway for most of its length has been terraced; and the entire parkway has been surfaced with trap-rock screenings and is in first-class condition for traffic.

All the above-mentioned work has been performed by park laborers.

CROTONA PARK.

(Area, 154.6 Acres.)

Comfort Stations—A comfort station has been erected near the Municipal Building and is nearly completed. It will be ready for public use in a very short time.

Another comfort station has been started in the southern part of the park, but work on this building is progressing rather slowly. However, the building will be ready for use in the early spring.

Drain Pipes—The Department has laid 500 feet of 12-inch drain pipe through the low land south of that portion of the park in the rear of the Municipal Building used as a skating pond in winter and as a baseball field in summer, and the pipe has been connected with the One Hundred and Seventy-fifth street sewer. Also 420 feet of 8-inch pipe connecting this 12-inch pipe with the new comfort station in course of construction south of the Municipal Building has been laid.

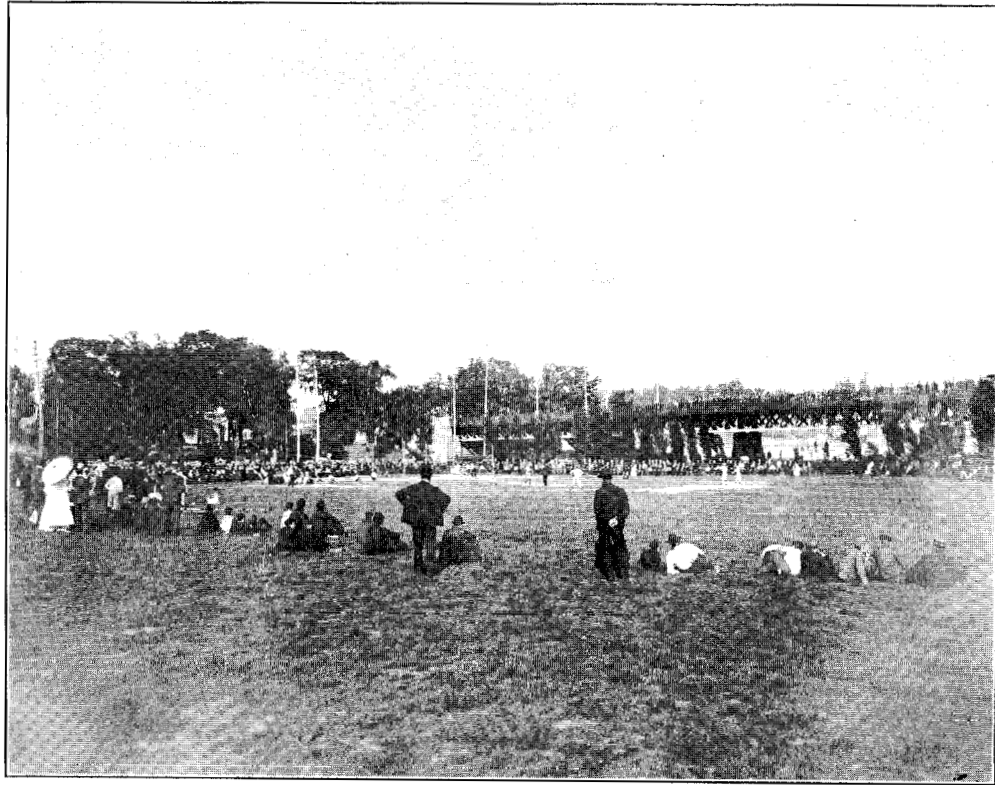
Widening Roads—The road leading from Crotona avenue to the skate house has been widened from 12 to 28 feet, the former width having proved inadequate to the traffic. A telford macadam surface has been laid on its entire length, the work being done by park labor, and the road is now in perfect condition.

The road leading from Wendover avenue at its junction with Fulton avenue to the Shelter Building in Crotona Park has been widened from 16 to 28 feet, this work also being done by park labor.

The road leading from Wendover avenue to Crotona Park East, which was only 10 feet wide, has been widened to 22 feet.

The 8-foot road leading from Crotona avenue through the central portion of Crotona Park to One Hundred and Seventy-fifth street has been widened to a 28-foot road. This road has also been surfaced with telford macadam.

The road leading from One Hundred and Seventy-fifth street to the rear of the Municipal Building has been widened from 16 feet to 30 feet and surfaced with telford macadam.



BASEBALL GROUNDS—McCOMB'S DAM PARK.

New Walks—Paths have been laid leading from One Hundred and Seventy-fifth street southerly through the park to connect with other paths built there two years ago. The path system is now very complete and is a great convenience to the public generally.

Tennis Court—Near the road leading from Crotona avenue to the Boston road five new tennis courts, to be used for tournaments only, were laid out and enclosed by a substantial wire fence. These courts proved immensely popular, many tournaments having been held during the summer. The tennis courts in this park are conceded by expert players to be among the finest in the City.

Three new courts for general use were also laid out.

Grading and Improving Grounds—In addition to the work mentioned a large part of the park has been improved by grading, removing dead and decaying trees, cutting away underbrush, terracing, etc.

Several drains have been laid to drain stagnant pools.

A bridge was built across Crotona lake.

FRANZ SIGEL PARK.

(Area, 17.5 Acres.)

Fill—The principal improvement in this park has been the filling in of the southerly portion. The work has been carried on without expense to the City, with the exception of the leveling, that being done by park labor. Prior to their acquirement for park purposes these lands were used as borrow pits. This accounts for their rough, uneven and broken surface, which made necessary the work of filling in and leveling. This entire section will be graded and seeded in the spring and will practically complete the improvement of this park.

ST. JAMES' PARK.

(Area, 11.83 Acres.)

Comfort Station—Plans and specifications have been prepared for the erection of a comfort station in the northerly end of this park; contract has been let, and the work will be commenced early in the year. This will practically complete the improvement of this park, which is one of the finest of our smaller parks.

ST. MARY'S PARK.

(Area, 28.7 Acres.)

Asphalting—Two years ago plans and specifications were prepared for surfacing with asphalt the entire system of walks in this park; but the bids received at that time were all so excessive that the proposed work was not undertaken. The matter was reconsidered in the fall and the contract awarded to the Barber Asphalt Paving Company. Owing to the lateness of the season, however, operations were postponed until the spring.

Railroad Tunnel—The work of tunneling to carry the railroad underground in this park instead of along the easterly side thereof, thus eliminating two dangerous grade-crossings leading into the park, is being carried on by the railroad company. It is not yet finished, but it is hoped that the present winter will witness the completion of the work.

Eighteen dead trees and one hundred and fifty dead shrubs were removed and new shrubs planted.

Fifty loads of ashes and fifty loads of screenings were carted to repair walks, and 200 feet of walk and 300 feet of gutters were repaired.

MACOME'S DAM PARK.

(Area, 27 Acres.)

Athletic Grounds—A fine athletic field has been laid out in this park, including tennis courts, baseball diamonds, a football field and all the paraphernalia for an up-to-date athletic field. A fine one-quarter mile running track was also laid out and was formally opened to the public on September 30.

Fill—The filling in of the area owned by this Department east of Cromwell avenue will be completed early in the coming year.

Drain-pipes—More than 1,000 feet of drain-pipe has been laid in this park during the present year.

General Improvements—All that portion of the park lying between Cromwell's creek, Jerome avenue and One Hundred and Sixty-first street has been improved by grading and sodding where necessary, trimming trees, cleaning paths, etc.

CLAREMONT PARK.

(Area, 38 Acres.)

Comfort Station—A contract for the erection of an addition to the comfort station has been awarded and the work will be commenced early in the year.

ECHO PARK.

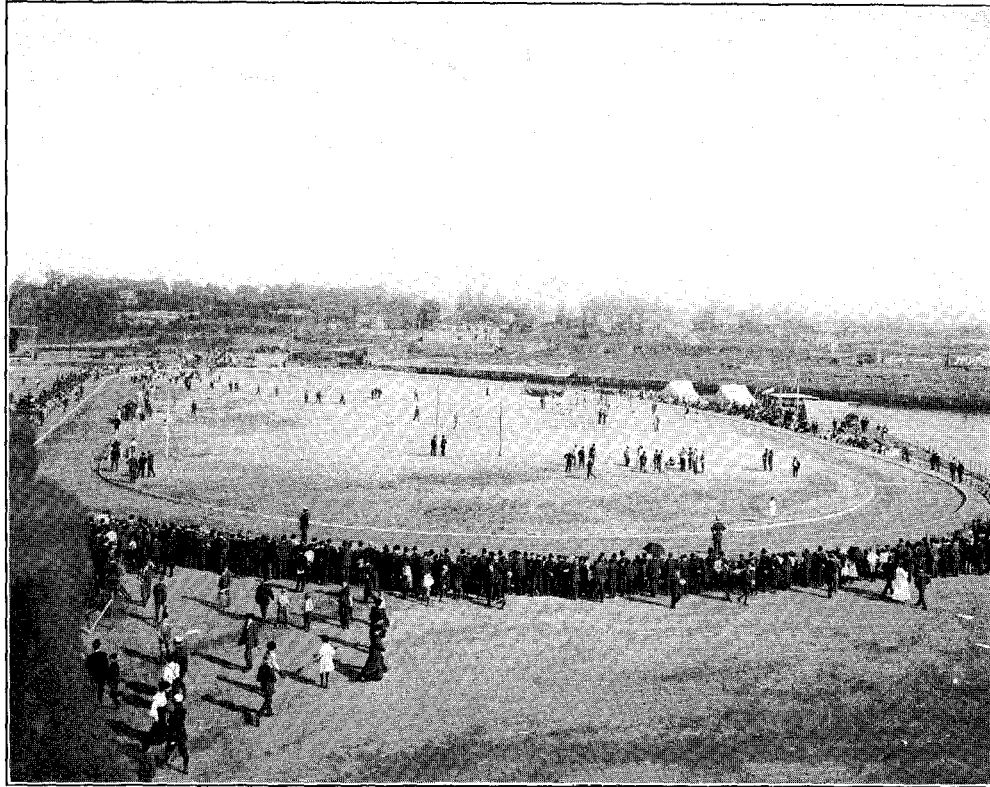
(Area, 3 Acres.)

Sixteen elm trees and forty shrubs were removed from this park to the Van Cortlandt Park nurseries because of the work of regulating and grading in progress.

BRONX PARK.

(Area, 661 Acres, of Which 261 Acres Are Included in the Zoological Park and 250 Acres in the Botanical Garden.)

Bridge Over Bronx River—A concrete-steel arch bridge, with granite facings and Indiana limestone parapet walls, has been built across the Bronx river at the crossing of Bronx and Pelham parkway, to replace the old steel truss bridge with



ATHLETIC FIELD AND TRACK—McCOMB'S DAM PARK.

wooden floor which, besides being very unsightly, did not extend the full width of the road and greatly obstructed the traffic on Pelham parkway. The roadway is the main artery through this part of The Bronx, and leads into Bronx and Pelham parkway and the road to City Island. This improvement, therefore is greatly appreciated by the public.

Greenhouse—A large and commodious addition made during the year to the greenhouse doubles its former capacity. The Department has for some years been greatly inconvenienced by lack of greenhouse space for propagating purposes; and this addition supplies a much needed requirement.

Botanical Garden, Bronx Park.

Entrance and Webster Avenue Bridge—A handsome approach to the Botanical Garden has been built from Mosholu parkway, and also one from Scott avenue, which permits of reaching the Garden from Van Cortlandt Park without the necessity of turning in at Webster avenue and crossing the Southern Boulevard, as was formerly necessary. The completion of these short stretches of road furnishes a continuous driveway through park lands from Spuyten Duyvil through Van Cortlandt Park, Mosholu parkway, Bronx Park, Bronx and Pelham parkway and Pelham Bay Park to New Rochelle; and at the railroad crossings the carriageway is carried over the tracks by a viaduct, as well as over Webster avenue. This work has been completed, with the exception of a portion of the fill at the easterly approaches.

Mosholu and Woodlawn Avenues—The bridge over the railroad at Woodlawn road was built by the railroad company, but the approaches to this bridge in the Botanical Garden have been constructed by this Department, and the work will be completed early in the coming year. This provides a driveway in the park from the northeast section. There are now three entrances into the Botanical Garden on the westerly side over the railroad, instead of one small bridge at the Southern boulevard as formerly.

Bridges—A long five-arch stone bridge carrying the driveway across the valley of the Bronx river north of the hemlock grove, on which work was begun in 1904, was completed in the summer in a most satisfactory manner, and work is in progress on the fill and roadway. This bridge crosses a swampy piece of road, which whenever the water was high in the Bronx river was completely under water; and it also connects several roadways at that point.

A very handsome one-arch stone bridge has also been erected between two small, ornamental lakes north of the Museum building. This bridge is constructed of a beautiful pinkish granite and carries the roadway and paths leading northerly from the Museum building over to the lower of the two lakes mentioned.

These two bridges, together with the one built two years ago across the Bronx river at the northern end of the garden, provide all the driveway bridges called for in the general plan of the garden.

The roads and paths have been kept in order by park employees. The efforts of the force are devoted to removing refuse and to restoring the surfaces by the application of screenings when necessary.

Zoological Park, Bronx Park.

In several respects the year 1905 has been the most satisfactory of any in the Zoological Park's history,

The number of animals rose to 2,867 specimens.

The attendance was the greatest yet recorded, and the death rate among the animals was the lowest.

The weather throughout the year was most auspicious for planting operations, and also for construction work.

Attendance—The total attendance of visitors for the year was 1,233,528, making a daily average of 3,380 persons. The increase in attendance over 1904 was 128,912. The heaviest attendance was in the month of May, when the total number of visitors was 179,590.

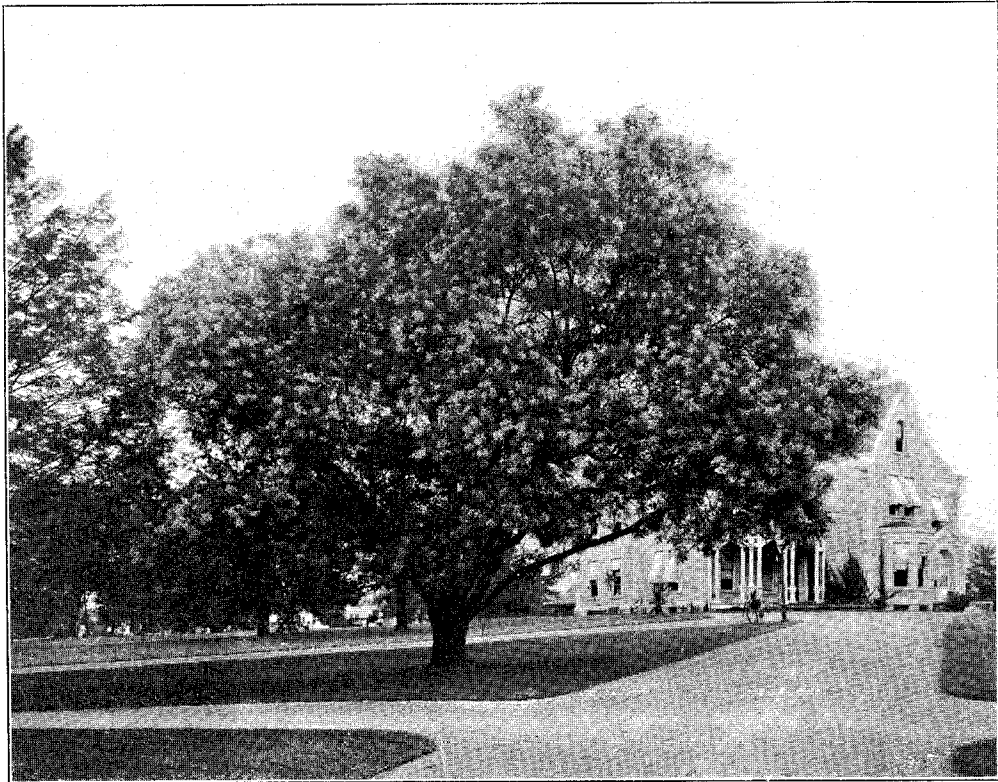
Collections—The great increase in the collections of the Zoological Park was due chiefly to the completing and opening of the new bird house and new pheasants' aviary. The entire collection of birds for the pheasants' aviary came to the Zoological Society as a gift from Mr. Jacob H. Schiff. The total increase in the number of living creatures in the Zoological Park on December 31, 1905, over the previous year's record was 1,065.

Camel House—A small camel house has been erected and is almost completed. This was an absolute necessity, as there was no shelter for camels in the park.

Baird Court Improvement—This court comprises a lion house, a bird house and a house for primates. This court itself was built several years ago, and the present work of improvement consists of covering the rough rubble wall on the west side; building a wide flight of steps to take the place of the old wooden steps; building several flights of steps on the north, laying out a sloping garden, erecting fountains, etc. Plans are also now under consideration for the erection of an approach from Pelham avenue to Baird Court. When this work is completed, Baird Court will present a very handsome appearance from Pelham avenue, and will be one of the most beautiful architectural features in the park.

Glass Court—An addition to the bird house has been built, consisting of a handsome glass court. This was eliminated from the original plans, because of lack of funds. It is really necessary in order to fully complete the bird house. The work is well advanced, and when completed in the early spring will add greatly to the capacity of the house.

Boat House—Plans have been prepared and specifications are now being printed for the erection of a boat house, to be furnished with boats, which will be let out during the summer for use on the Bronx river. This will afford an additional means of enjoyment to pleasure seekers.



COMMISSIONER'S OFFICE—ZBROWSKI MANSION—CLAREMONT PARK.

Pheasants' Aviary—A pheasants' aviary, already mentioned in this report, was erected and completed. It is 240 feet long and contains fifty-four compartments for birds. The two pavilions, one at each end, are provided with stoves, and the cages in these pavilions are intended for birds that require heat during cold weather.

Public Comfort Stations—Two public comfort stations have been erected in the Zoological Park, east of the Bronx river, and the work is practically completed. This part of the park is much frequented during the summer by people seeking a restful spot, and the shelters are necessary in this vicinity. Another comfort station is being erected on the Boston road, near the southeast gate. In connection with the construction of these buildings, the Zoological Society laid about 1,000 feet of 6-inch sewer and an equal length of 2-inch water pipe.

A flight of granite steps has been built near the bear cage to take the place of an old, rough flight, and makes a very handsome approach to the Rocking Stone Restaurant. In preparation for these steps the top of the hill was cut down about four feet, and the walks radiating therefrom were regraded.

Feed Barn—A feed barn is now in course of construction for the storage of grain for the animals. This will be finished in the spring, and when completed feed may be purchased in larger quantities than heretofore, thereby saving a considerable item in the maintenance of the Zoological Park.

Deer House—A contract for building a deer house for the shelter of small deer has been awarded, and the work will be commenced early in the spring.

Southeast Gate—A gate is now in course of construction at the intersection of One Hundred and Eighty-second street and Boston road, where an entrance may be gained without continuing up the Boston road. This gate will afford a convenient entrance from The Bronx terminus of the subway.

An unusual amount of improvement work was accomplished by the New York Zoological Society, all of which is described in detail in their Annual Report, and need only be touched upon briefly here.

Planting—The working season was long and favorable, and the past year was the first in which any considerable amount of money was available for planting purposes. A particularly fine stock was secured at very low prices, and was used to the very best advantage, with most satisfactory results.

Filling, etc.—Under this head a number of improvements were made. A chasm at the eastern end of the new bridge across the Bronx river, at Pelham avenue, was filled and made available as a public sidewalk.

The bottom of the elk pond was filled and raised to the flow-line of the drain.

The entrance plaza at the new West Farms entrance was filled and graded to the level of One Hundred and Eighty-second street and the Boston road.

Lake Agassiz—The solid masonry core of the earth island between the two waterfalls was raised three feet. The northern shore of the lake was inclosed with 2,500

feet of wire fence, to prevent dogs from swimming the lake and river and entering the park. The outbreak of sheep-killing dogs, which occurred in the month of July, made necessary the work of thus fencing the lake. Two flood-gates of iron wire and submerged barriers of wood are now being erected, to swing underneath the two bridges, to prevent the ingress of dogs over the ice in winter. When these gates are in place a collection of water fowl will be placed on Lake Agassiz.

Fences, etc.—Considerable work was done, also, in rebuilding old fences and constructing new walks. The total area of walks built during the year was 66,050 square feet, or an average of 4,128 linear feet of walk 16 feet wide.

The work of erecting permanent guard wires along all walks was continued. During the year 15,650 linear feet (three miles) were erected. In addition to this, nearly a mile of wooden railing, chiefly rustic red cedar, was erected along the Boston road, the eastern side of Baird court, and along the walk east of the Bronx river.

Drinking Fountain—A bronze drinking fountain was erected near the De Lancy Pine.

Band Concerts.

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

Pelham Bay Park, Van Cortlandt Park, Macomb's Dam Park, Claremont Park, Crotona Park, St. Mary's Park, Franz Sigel Park, St. James' Park, Bronx Park.

Permits.

The following permits for outdoor sports were issued during the season:

	Athletic Field.	Camp- ing.	Base Ball.	Croquet.	Foot Ball.	Golf.	Lawn Tennis.	Attendance, May Par- ties, June Walks, Etc.
Claremont Park			85	44	10	....	309	10,458
Pelham Bay Park.....	26	134	77	....	....	88	31	9,319
Van Cortlandt Park.....			93	....	18	1,099	170	5,325
Macomb's Dam Park.....			56	1	32	....	209	130
Crotona Park			171	5	22	....	403	11,910
Mosholu Parkway			2	....	....	....	7	....
St. Mary's Park.....			5	10	....	....	74	34,450
St. James Park.....			....	1	....	....	28	115
Bronx Park .....			....	1	....	....	48	9,865
Poe Park .....			....	....	....	....	23	....
Franz Sigel Park.....			....	....	....	....	38	11,675
Echo Park .....			....	....	....	....	....	80
High Bridge Park.....			3	....	....	....	4	....
Total	26	134	492	62	82	1,187	1,344	93,327



PLAY GROUNDS—CLAREMONT PARK.

General Work.

The work of maintaining and further beautifying the parks was carried on vigorously throughout the year.

The public squares and small parks at the intersection of streets were planted with flowers and shrubs, where possible, and otherwise improved, to give them a neat and attractive appearance.

Among other plants, 40,000 pansies were set out in the various parks.

Grass was cut, lawns raked, grass plots trimmed, and grass-seed sown, where necessary.

Trees and shrubs were cultivated and pruned.

Twenty-three large ash trees were purchased and planted in the nursery.

Dead trees were felled, and all street trees, for the removal of which permits were asked, were examined before permits were granted.

Sand was carted from Pelham Bay Park to Bronx Park, for use in the propagating houses.

Lawn tennis courts, ball fields, polo fields, etc., were kept in good condition.

Culverts were cleaned and lowlands and washouts filled in.

Wire fences were erected around several of the small parks and squares.

A shower bath was erected at the bath houses in Pelham Bay Park.

All stone used for the surfacing of roads was prepared in the park stone-crusher.

Statement of Balances and Appropriations,

Title of Appropriation.	Amount of 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
Maintenance of Botanical Gardens.....	70,000 00
Maintenance of Zoological Gardens.....	134,965 00
Revenue Bond Fund—Expenses of the Park Department of the Borough of The Bronx	70,000 00
Revenue Bond Fund—Expenses of Ceremonies of Opening Athletic Ground, Pelham Bay Park	1,000 00

Year Ending December 31, 1905.

Transferred To.	Total.	Payments.	Transferred From.	Total.	Balance.
\$362 50	\$11,412 46	\$11,412 46	.....	\$11,412 46	.....
.....	246,450 00	241,061 94	.....	241,061 94	\$5,388 06
.....	9,360 00	9,269 00	.....	9,269 00	91 00
.....	1,500 00	1,136 23	\$362 46	1,498 69	1 31
.....	6,000 00	5,999 73	.....	5,999 73	27
.....	5,000 00	5,000 00	.....	5,000 00	.....
.....	70,000 00	66,293 69	.....	66,293 69	3,706 31
.....	134,965 00	119,329 80	.....	119,429 80	15,535 20
.....	70,000 00	70,000 00	.....	70,000 00	.....
.....	1,000 00	1,000 00	.....	1,000 00	.....

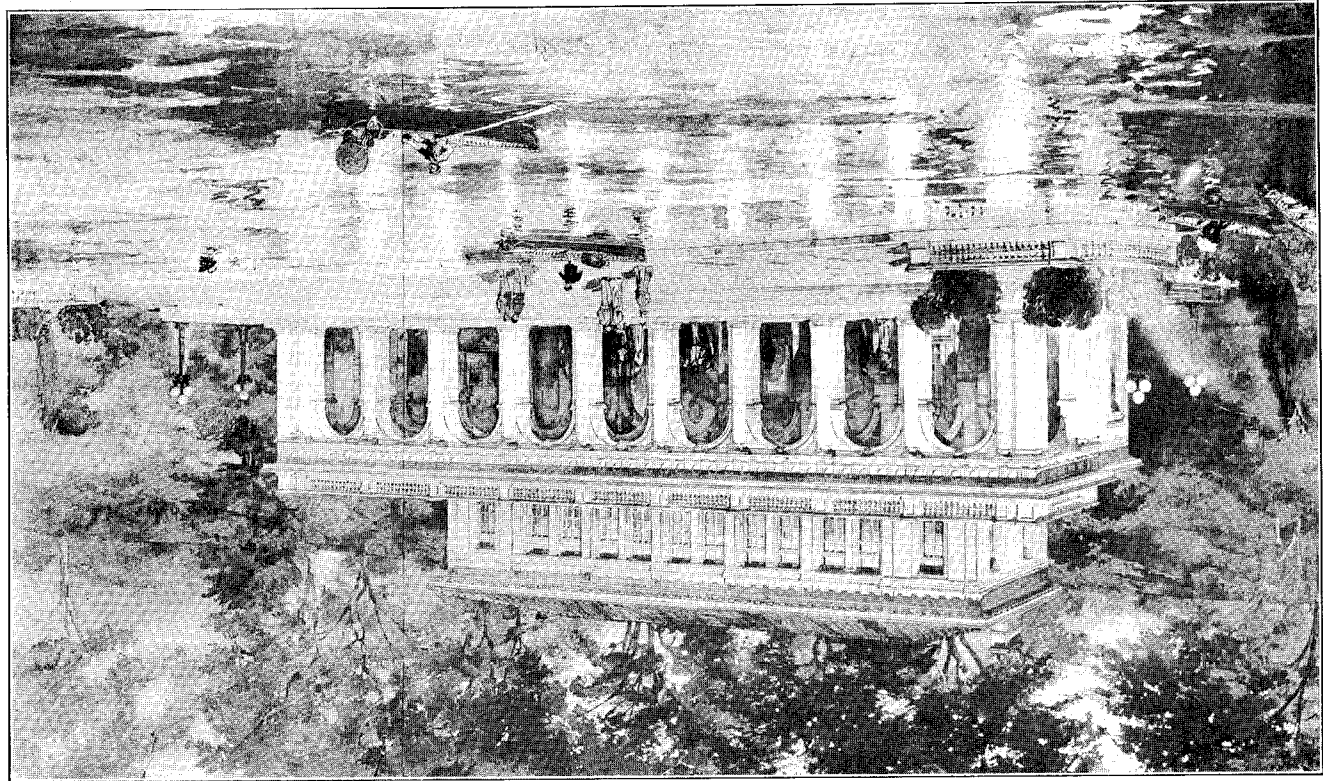
Receipts.

From rents, licenses, privileges, rent for lockers, etc., year ending December 31, 1905.....	\$10,327 40
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Expenditures, Bond Accounts, Year Ending December 31, 1905.

New York Zoological Garden Fund.....	\$211,256 39
Botanical Garden in Bronx Park—Improving, etc.....	119,621 99
Improvement of Parks, Parkways and Drives.....	191,276 10
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways.....	247,660 04
Claremont Park—Improvement, etc.....	231 83
Fund for Improving that Portion of Crotona Park in which is Located a Public Building	282 95

NEW BOAT HOUSE—PROSPECT PARK.



BOROUGHS OF BROOKLYN AND QUEENS.

Office of the Department of Parks, Boroughs of Brooklyn and Queens, }
 Litchfield Mansion, Prospect Park, }
 Brooklyn, December 31, 1905. }

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 closing, together with an outline of plans and recommendations for the year 1906.

I have the honor to remain,

Very truly yours,

M. J. KENNEDY, Commissioner.

In my report for the year 1904, I respectfully indicated that it had been the policy of the Department of Parks in the Boroughs of Brooklyn and Queens, to improve the older parks and parkways, rather than to extend the system. During 1905 that same policy has been followed, and with good results. New parks, however, have been acquired, but their establishment has not interfered with the betterment of the old ones.

Under our jurisdiction there are forty-three parks and thirteen gores, containing in all seventeen hundred and twenty (1,720) acres, of which eleven hundred and forty-three (1,143) are in Brooklyn and five hundred and seventy-seven (577) in Queens. The figures represent, approximately, one acre to every eleven hundred and eighty-nine (1,189) of the inhabitants in the Borough of Brooklyn, and one acre to every three hundred and forty-two (342) inhabitants in Queens. There are also forty-five miles of parkways under the control of this Department.

During the year four new parks were added, three in Brooklyn and one in Queens, as follows: McLaughlin Park, Fulton Park, Amersfort Park in Brooklyn, and Rainey Park in the Long Island City section of Queens Borough.

McLaughlin Park is bounded by Jay street, Bridge street and Tillary street, and is in one of the oldest and most congested districts of Brooklyn. It is to be used principally as a playground.

Fulton Park is bounded by Fulton and Chauncey streets and Stuyvesant avenue. This is in a rapidly growing residential section in the upper part of the Borough. Its establishment has been received with much satisfaction by the residents of the section which will be directly benefited by it.

Amersfort Park is bounded by Avenues I and J and East Thirty-eighth and Thirty-ninth streets in the Flatbush district.

Rainey Park is bounded by Vernon avenue, Pierce avenue, Sandford street and East river.

Two of the four—McLaughlin and Fulton Parks—have been improved, and the remaining two—Amersfort and Rainey Parks—will be laid out and turned over to the purposes for which they are intended, early in the spring. The latter part of April saw on the sites of McLaughlin and Fulton Parks, a number of unsightly buildings, In May the work of razing them was begun, and in a brief time a complete transformation had been effected. McLaughlin Park is already available as a playground, and Fulton Park has been planted and seeded, and in the spring should be in fine condition with a display of early flowers and foliage.

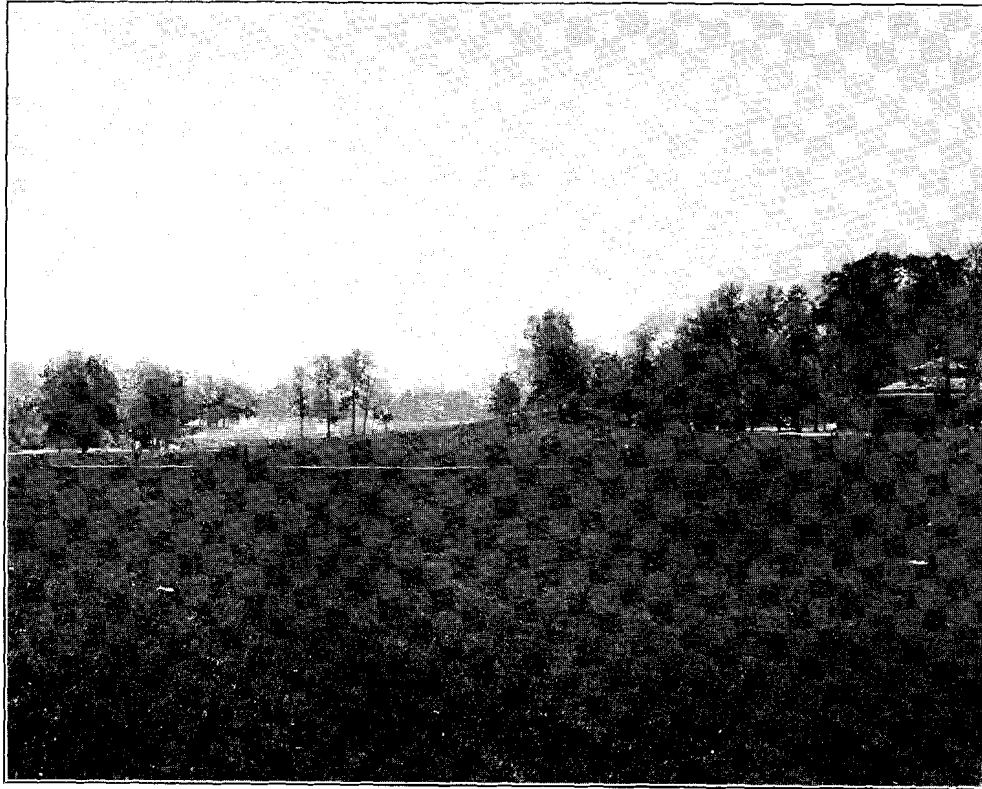
An addition to Williamsburg Park was turned over to the Department, and the property adjoining Institute Park, to be used as a plaza and fronting the Willink Entrance to Prospect Park, was also placed under our control.

Other new park sites have been purchased or authorized, but have not been transferred to this Department for improvement and maintenance. Notably among the latter is Owl's Head, the beautiful summer residence of the late E. W. Bliss, at Bay Ridge. This site affords a fine view of New York Bay, the lower harbor, Staten Island and the Orange Mountains in the distance. It has been placed on the map and its purchase was authorized by the Board of Estimate and Apportionment in November. It is virtually a park now and very little work will be required to complete it. It is an ideal location for a great pleasure resort, consisting of a beautiful rolling country, facing on New York Bay, the Bay Ridge parkway and the Shore road. A large pier, extending seven hundred feet into New York Bay, adjoins the property, where boats of ordinary draught can land. This makes it of almost as much interests to the residents of Manhattan as to those living in Brooklyn. Its possibilities are great. On the property there is a large mansion, several other buildings, including a very fine stable, all of which can be used for park purposes. Its transfer to this Department may be looked for in a short time.

New Buildings and Other Construction Work.

Much construction work was started and completed in several parks. A contract was let for a magnificent shelter house on the Parade Ground, for the benefit of patrons of that fine athletic field. The house is of colonial design, with great porches and porticoes, and is of red brick, timber cornices and columns and copper roof. It is two hundred feet long, thirty-five feet wide, and will contain lockers, shower baths and rooms for baseball, football, cricket and polo players. The cost of the building, which will be ready for occupancy early in the spring, is sixty-eight thousand eight hundred dollars (\$68,800). This building will also house the police of the Seventy-third Precinct, now quartered in the Litchfield Mansion.

A new boathouse, located in one of the most picturesque parts of Prospect Park, being on the easterly side of the lake near the present boathouse, is being erected. It is of classic design, of enamelled white terra cotta, and is to contain modern and up-to-date facilities and appurtenances. It will afford a fine view of the beautiful sur-



LONG MEADOW—PROSPECT PARK.

roundings, and the removal of the old building will open up a long concealed and beautiful vista of striking beauty. The cost of the new building will be fifty-two thousand five hundred dollars (\$52,500). It will be ready early in the spring.

Plans were prepared early in the year for a shelter and clubhouse for the golf players at Forest Park. Owing to the delay in approving of the plans submitted to the Municipal Art Commission, work on the same was not started until late in the fall. It will be of wood with brick foundation, and contain locker rooms, clubrooms, lavatory accommodations and large parlors. It is to be neatly fitted up and complete in its appliances. Fair progress has been made in the construction of the building, and it is promised it will be ready for opening on Decoration Day. The cost of this building is thirty thousand dollars (\$30,000).

Contracts were also awarded for much-needed shelter and comfort houses in Fort Greene, Carroll, Bushwick, Bedford, Irving Square and Cooper Parks. They are of artistic design, and some of them are already in use, the others being roofed in and rapidly nearing completion.

Some of the other permanent improvements include a granolithic walk along Prospect Park West from the main entrance of Prospect Park to Fifth street, ten feet wide. The remainder of the sidewalk has been graded, planted, covered with top soil and the borders seeded and sodded.

A contract was let for the construction of an Ohio sandstone wall on Prospect Park West from Fifth to Fifteenth streets, a much-needed improvement and a continuation of the wall from the main entrance. Its construction has done away with the unsightly old pipe and rail fence and privet hedge, and now a fine open view of one of the most picturesque parts of the park is afforded. The cost of the wall, which will be completed by February 1, 1906, is thirty-seven thousand five hundred and fifty dollars (\$37,550).

Many other improvements of a permanent character were effected in Prospect Park. Among them was the substitution of a modern bronze plated railing at the lower terrace of the Flower Garden. The stone work around the same was also reconstructed and repointed wherever necessary. The cost of the work was five thousand one hundred and twenty-five dollars (\$5,125).

Prospect Park

Prospect Park, the most prominent park in our system, containing five hundred and sixteen acres, was completed some thirty years ago, and very little seems to have been done since that time in the way of renewing plantations and other landscape features. The old forest trees, forming one of the chief attractions, are gradually disappearing, caused by severe storms, vitiated soil, and the pollution of the atmosphere by gases. To meet this condition it has been our aim during the past year, to replace the soil and to renew the depleted ranks of forest trees, by the planting of young and

vigorous native specimens. Considerable work of this character has already been done, but much more remains to be accomplished. The banks of the lake system have gradually been undermined and destroyed from various causes, and the waters much polluted. The work of rebuilding the banks was carried on without interruption, and the water purified by a chemical process without destroying or injuring a single tree or shrub.

Nearly one and one-half miles of antiquated gutters bordering the drives were replaced with modern and durable brick laid on concrete foundation. The flower garden was remodeled and the old sheds in the rear of the shelter demolished and an attractive driveway constructed instead. The drives, walks and bridle paths were repaired, resurfaced and reconstructed wherever necessary, and are now in good condition. A new bird house of pleasing design was erected. It adjoins the new bear cage, and affords comfortable quarters for the feathered tribe. The territory surrounding the menagerie was regraded and paved with asphalt tiles.

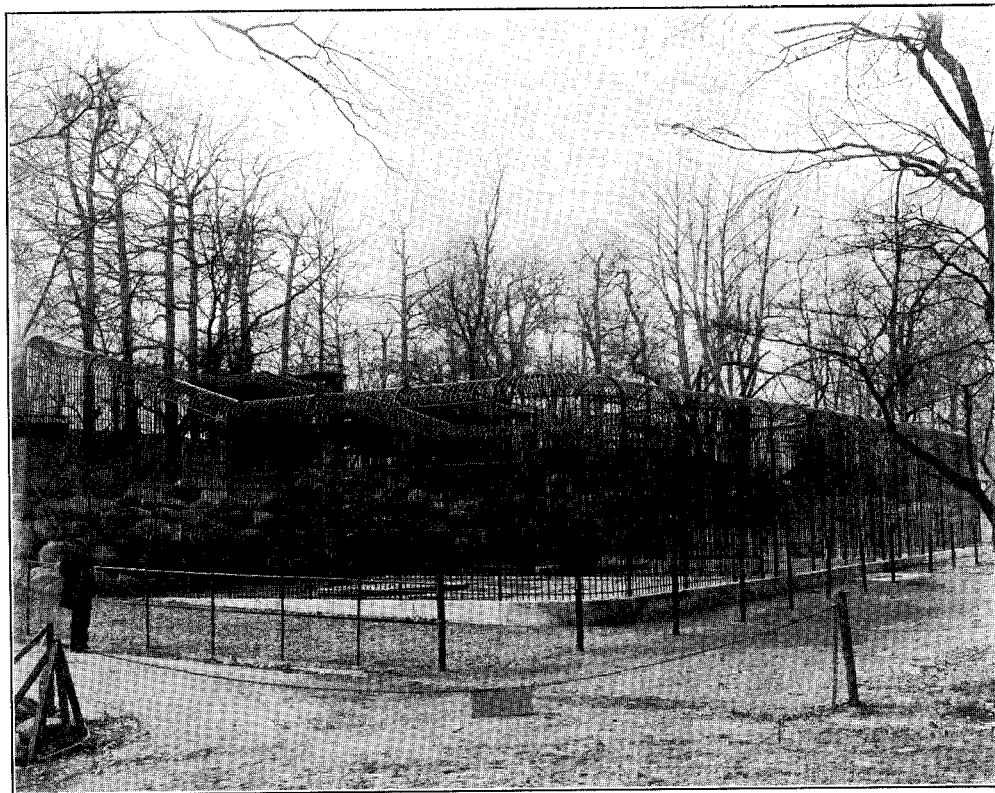
The greenhouses received an addition of three commodious new hothouses, made necessary by the increase in the number of tropical and native plants. The heating apparatus in the older greenhouses was practically renewed. Floral displays both in the greenhouses and in the flower garden were an attractive feature of the park during the year. The principal displays were at Easter, when the lilies were exhibited, and in the fall, when the chrysanthemum show was had. Both attracted many thousands to the greenhouses. There was also a fine display of tulips and hyacinths in the flower garden, and an admirable exhibit at the rose garden during the season. The Department was especially fortunate in securing the large private collection of the late William Brown of Flatbush. By this purchase a valuable addition was made to the park conservatories. The propagating branch of the horticultural department was busily employed during the various seasons, and secured excellent results.

The mechanical department, comprising painters, carpenters, plumbers, masons, blacksmiths, wheelwrights, etc., was kept at work throughout the year making repairs to the buildings and other property and also installing drainage and irrigation systems in the various parks.

An unusual amount of maintenance work was done, such as cleaning and watering the drives, sweeping the walks, cutting grass, sodding, seeding, pruning and caring for trees and shrubbery, besides caring for the various buildings. During the severe weather in January, February and March the snow was removed from the walks, and the roads were kept in good condition for sleighing. The ice on the lakes was also carefully looked after during the long spell of skating.

Several acquisitions were made to the menagerie, mostly by donation. The animal family is being gradually enlarged, and I am glad to report that the health of the various specimens has been excellent throughout the year.

Necessary repairs to fences, buildings, etc., have been made. The flower garden shelter and the open pavilion facing the same have been put in thorough repair and



NEW BEAR CAGE—PROSPECT PARK.

painted. A new roof was put on the picnic shelter, and the interior of the building remodelled. Toilet arrangements for men have been installed in the Croquet shelter and the stable for the park police horses practically rebuilt. A garage for the Department automobiles has been constructed and fully equipped. The iron fence surrounding the park on four sides has been scraped and painted.

Parade Ground.

The Parade Ground, located to the south of Prospect Park, is the principal playground in the Borough of Brooklyn, and its greensward of forty acres is never without a large number of devotees of various sports. The grounds were kept in excellent condition, being re-sodded whenever required. As noted above, the shelter house is nearing completion, thus insuring its use by the people during the coming season. In the meantime the old houses that have done service for so many years were moved forward and are temporarily affording necessary quarters.

Forest Park.

Forest Park, the largest in acreage in this system, and located in Queens Borough, received a great deal of attention during the year. The paving of the roads in the easterly portion as far as Union turnpike was completed; the sidewalks were graded and covered with limestone screenings on both sides of Woodhaven avenue, and the remaining roads and paths put in first-class condition. The new golf links, started early in the spring, were completed and turned over to the public. A large amount of underbrush, superfluous and decayed trees, were cut down and removed. The greenhouses were completed during the summer, and the grounds around the same, as well as the nursery adjoining, were carefully graded. Several hundred shrubs and young trees were set out, and about one hundred and twenty-five thousand flowering plants were propagated in the greenhouses. From the latter will be taken, to a large extent, the plants for the summer display in the various parks.

The new shelter house for the golf players, already referred to, is well under way. It is now enclosed, and work on the interior is progressing rapidly. It will be ready for occupancy when the season opens. The grounds surrounding this structure have been graded, and a new roadway, leading to the front of the building, laid out. The building is situated on the brow of the hill at the junction of four roads, and commands a magnificent view of the surrounding country.

Fort Greene Park.

Fort Greene, one of the oldest and most historic of Brooklyn's parks, received careful attention during the year. It is here that the remains of the Prison Ship Martyrs are deposited in the Martyrs' Tomb; and here, too, it is proposed to erect a suitable monument to the memory of those, our nation's heroes. A site has been designated for the same, and the preliminary work started.

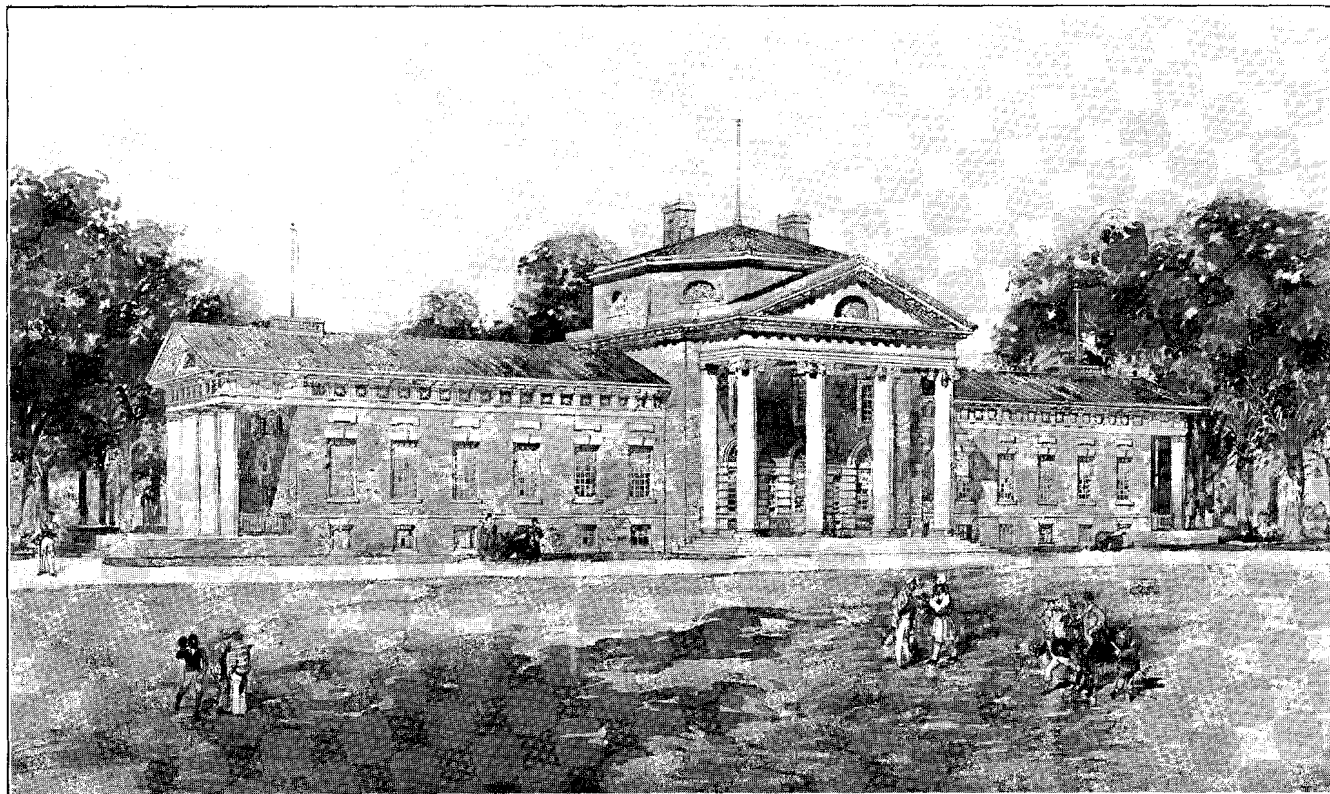
This park, located in a densely populated section, affords a place for recreation for a large number of visitors, and is consequently hard to keep in the best possible condition. Many improvements were initiated to enhance its usefulness. The great stone boundary wall surrounding it showed signs of deterioration early in the year. The joints throughout the entire length and height were repointed and the wall cleaned. A contract was let for the same for two thousand six hundred and seven dollars (\$2,607). It presents now an almost new appearance and is in condition to give service for many years. A large amount of top soil was spread and several hundred young trees and shrubs planted. Bare and worn places in the lawn were sodded and otherwise improved. The general appearance of the park now is most satisfactory. The new granite shelter house, to cost twenty-nine thousand nine hundred dollars (\$29,900), is rapidly nearing completion. Its necessity was long felt. It is of magnificent design, and adds materially to the beauty of that part of the park where it is located.

Highland Park.

Highland Park, one of the recent and destined to be one of the most beautiful parks in our system, has had many permanent improvements. The main entrance leading from Bushwick avenue and twenty-one of its forty-six acres are in the Borough of Brooklyn, and the remaining twenty-five acres are in the Borough of Queens. In fine weather great crowds take advantage of the magnificent view it affords and the limited accommodations provided. Many needed improvements are contemplated. Early in the year the swamp land along the northerly boundary was entirely drained. It was thoroughly plowed, leveled off, and covered with a thick layer of rich top soil. Walks were cut around this plot, which has been turned into an old-fashioned flower garden. From seven to eight thousand flowers and flowering plants were set out during the spring. As a result, during the summer and early fall magnificent floral displays were afforded the people. It was the general consensus of opinion that this flower garden was one of the most unique and superb seen in any of the parks hereabouts. The grounds adjoining and surrounding the new garden were re-graded, soiled and seeded; a new and complete system of walks was built and several thousands of trees and shrubs planted. The roads and gutters were carefully looked after, and the road leading in front of the Ridgewood Reservoir to Jamaica avenue was entirely rebuilt. The banks on the westerly side of the park were graded, soiled, sodded and seeded.

Seaside Park.

Seaside Park, located at the foot of the Ocean parkway, fronting on the Atlantic Ocean, maintained its popularity during the season. A large number of new trees and shrubs were planted, and that portion of the park nearest the ocean was resoiled and brought to a higher grade. Its edge was planted with a high privet hedge, and it is hoped that by this means the beach sand and the spray from the ocean, which has been a troublesome feature in the past, can be excluded from the park. A number of new tents were secured for the beach; the shelters were repaired and lighted



NEW ATHLETIC BUILDING PARADE GROUNDS—PROSPECT PARK.

with electricity, and a number of electric arc lights were erected on the beach by the Department of Water Supply, Gas and Electricity.

In the latter part of the year 1904 a contract was awarded to erect an eight hundred (800) foot timber jetty on the beach at Coney Island, but the work of construction was not started until early in 1905, when it was completed. The severe storms last August caused a change in the shoal formation, which resulted in the destruction of nearly two hundred (200) feet of the jetty.

A contract amounting to thirty-six hundred dollars (\$3,600) was awarded to ballast with stone the bulkhead at the foot of the Ocean parkway. Owing to the severity of the storms at this point, it is necessary every year and will be for several years to come, to refill the apron with stone in order to make up the loss caused by the settlement.

Sunset Park

Sunset Park is one of comparatively recent purchase, and destined to be one of the most attractive. The work of completing this park has progressed in a satisfactory manner. New walks were laid out and graded. The slopes on the southerly and easterly sides were graded and seeded, the shore lines around the lake regulated and improved, and about three acres of the lawns covered with rich top soil and seeded. Trees and shrubs were planted, and the older ones pruned and otherwise cared for. A new concrete sidewalk was constructed on Fifth avenue, between Forty-third and Forty-fourth streets. As soon as an appropriation for the remainder of the retaining wall is secured, this beautifully located park will be completed and turned over to the public for use.

Last year the acquisition of the two additional city blocks increased the size by eight acres. The boundaries now are Fifth and Seventh avenues and Forty-first and Forty-fourth streets.

Tompkins Park.

Tompkins Park, one of the older parks of the system, and lying in a thickly populated residential section of the Borough, received much hard usage. In the middle of it is located a branch of the Brooklyn Public Library. The building was turned over temporarily for that purpose by the Department, and the library adds to the number of daily visitors to the park. A quantity of new soil was supplied, new shrubs set out, the older plantations carefully gone over, the poorer specimens removed, and the remainder pruned, scraped and well cared for.

Winthrop Park.

Winthrop Park was also greatly in need of new soil. When the park was constructed the soil was of poor quality and not the proper depth. As a consequence the trees and shrubs planted have not made satisfactory progress, and a large number have died. A sufficient quantity of soil has lately been purchased, and will be spread as soon

as delivered. New trees and shrubs will then be planted, and the park next year improved in other ways.

Bushwick Park.

Bushwick Park was originally a sand hill. When constructed, a thin layer of soil was spread, and as a result the trees and shrubs planted did not thrive, and many died. During the year most of the lawn was supplied with a new layer of top soil, and arrangements have been completed to treat the remaining parts in a like manner early in the spring. Trees and shrubs have been planted, new paths have been made, and next year this park should present a very much better appearance.

A contract was let for a shelter house of ample proportions, of stone and brick, at a cost of fourteen thousand one hundred and ninety-six dollars (\$14,196). It will be completed by February 15, and will, I am confident, prove to be one of the finest and most decorative of its kind in the City. Its equipment will be up to date in every particular.

Carroll Park.

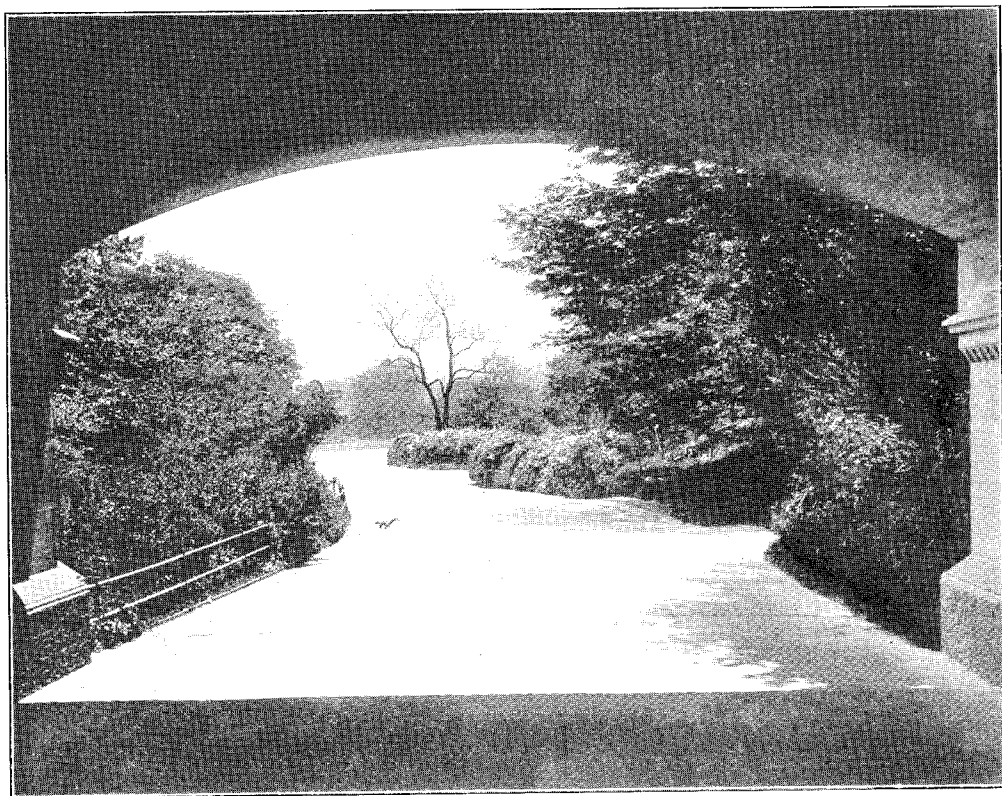
Carroll Park, one of the oldest in the system, and situated in a congested district, comprises one city block, and is much frequented. The lawns and plantations were reseeded, trees and shrubs pruned, and a number of new ones planted. The new shelter house, which cost ten thousand five hundred dollars (\$10,500), and is of red brick with white stone trimmings, was opened to the public during the past week. The two antiquated buildings which served for over thirty years as shelter and comfort houses are in process of being torn down, and the space occupied by them will be planted and sodded. Immediately in front of the new shelter concrete walks with an asphalt surface have been laid, thus bringing the total cost of permanent improvements in this park up to eleven thousand dollars (\$11,000).

Irving Square Park.

Irving Square Park received considerable attention during the year. The trees and shrubs were pruned and a number that died, replaced. The grass was cut at regular intervals; the walks, whenever and wherever required, were repaired, and altogether the park was kept in good condition. A contract was let for the erection of a modern shelter house at a cost of eight thousand nine hundred and ninety dollars (\$8,990). Heretofore no accommodation of this character existed, and the need for such a house has long been felt. The structure is of red brick, with bluestone trimmings, and is divided into two compartments, with a pavilion section between. It has much artistic merit and will add to the beauty of the park. The house would have been finished in October had it not been for the death of the contractor. It will, however, be finished by February 1, 1906.

Institute Park.

Institute Park, located east of Prospect Park and separated from the latter by Flatbush avenue, is one of the most recently constructed. Owing to the fact that a parcel of land acquired for its extension, known as the Willink Entrance, is to be



VIEW FROM THREE ARCH BRIDGE—PROSPECT PARK.

shortly turned over to this Department, very little work, except of maintenance, was done. The banks at the northerly end adjoining the Mt. Prospect Reservoir, and the Museum of Arts and Sciences Building were levelled and otherwise improved. The trees, shrubs and other vegetation received careful attention, and are in excellent condition. As soon as conditions admit, a force of men will clean up the new land and prepare for the construction of the Willink Entrance plaza.

City Park.

City Park, the oldest in the system, has, since its construction, deteriorated in several respects. Trees and shrubs have died or were destroyed, and the park presented an uninviting appearance. During the year it was entirely remodeled. Dead and decayed trees were taken out and replaced, and a large number of shrubs planted. Portions of the lawns were recoated with good soil, sodded and seeded. The old and dangerous dirt walk surrounding the park was removed, a new cement walk laid in its place, and the interior walks were resurfaced. The shelter and comfort houses were put in thorough repair, sanitary plumbing being installed. At present it is in better condition than it has been for many years.

Bedford Park.

Bedford Park, located in a fine residential section of the borough, contains one square block, and has many visitors. A good-sized building, located in this park, has been turned over to the Trustees of the Brooklyn Institute of Arts and Sciences, and is used as a Children's Museum. The entire park was given a general overhauling, paths were regraded and defined, and new irrigation and drainage systems introduced. Shrubs and trees were planted.

A new shelter house, ornate in character as to exterior and interior, to cost twelve thousand two hundred and ninety-six dollars (\$12,296), is about completed, and will be thrown open to the public in a few weeks. The grounds surrounding the new shelter house have also been regraded and sodded.

Red Hook Park.

A large portion of the lawns in this park have been affected by lack of nourishing soil. This deficiency was remedied during the year by spreading some fifteen hundred cubic yards of good top soil. A cement sidewalk was laid around the entire outside of the park, which had suffered for lack of pavement. The building and the fences were repaired and painted. The drainage system was put in thorough order, and a number of other necessary improvements made.

Cooper Park.

Cooper Park having been originally well soiled and planted, required little attention other than the usual maintenance. A number of trees and shrubs were planted, and the old ones pruned and otherwise treated.

In response to an urgent demand a contract was awarded for the erection of a shelter, which will cost eleven thousand three hundred and ninety-five dollars (\$11,395). It is of brick and stone of appropriate design, and will fill a long-felt want. March 1, 1906, has been fixed as the day upon which it will be ready for service.

Linton Park.

Linton Park, in the East New York section of the borough, has been thoroughly overhauled, new trees planted where required, and the shrubbery pruned. It is in excellent condition.

Lincoln Terrace.

Lincoln Terrace, located on high ground adjoining the Eastern parkway, likewise received careful attention. New trees and shrubs were substituted for some that had decayed and died, and a number of new specimens planted. This park is one of the most beautiful of the smaller parks, being well situated, and promises to make a valuable addition to the park system in the near future.

Saratoga Square.

Saratoga Square was well cared for during the year. It is in a rapidly growing section and embraces one city block. Trees and shrubs were planted where necessary, walks were repaired and some needed work done on the shelter house.

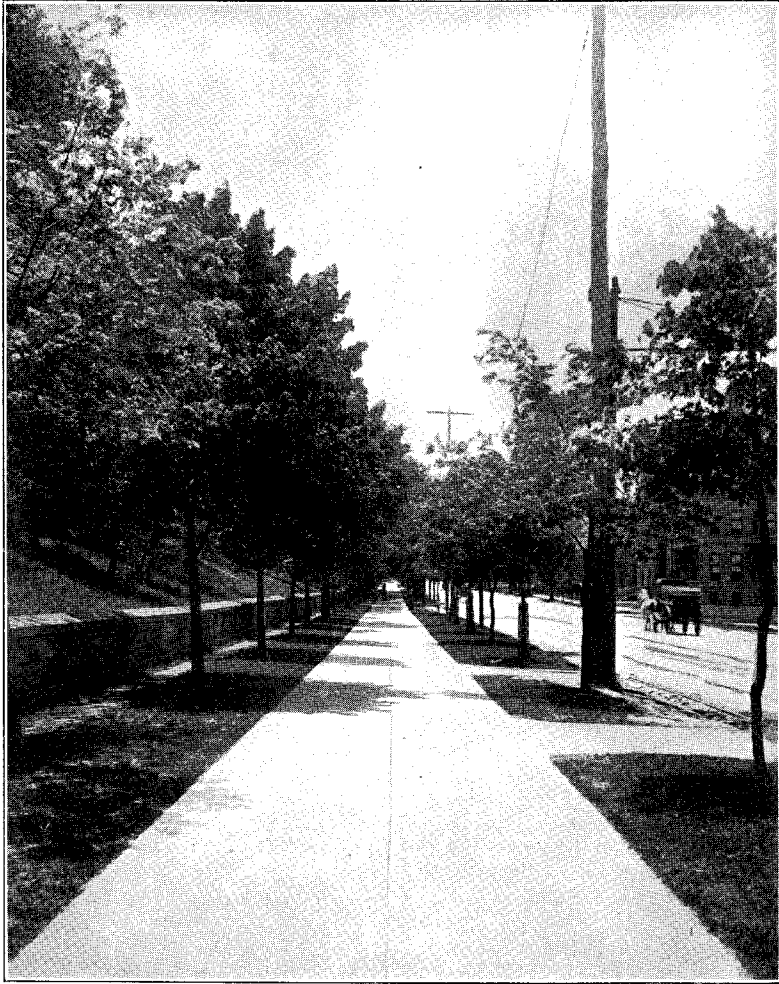
McKinley, Fort Hamilton and Dyker Beach Parks are all located in the extreme southern part of the borough and in a rather sparsely settled section, and do not have as many visitors as other parks. Consequently very little work has been required to keep them in proper condition. Trees were planted wherever required and other necessary improvements made. The roadway in Dyker Beach Park was resurfaced and rolled its entire length and is in fine condition.

Small Parks.

The smaller parks in Queens Borough, such as Kings Park and Ashmead Park in Jamaica, the park in Flushing, the one in Corona, and those in College Point and Long Island City, received careful attention throughout the year. Top soil was supplied wherever needed, and new trees and shrubs planted whenever and wherever required.

New Parks.

McLaughlin Park—Late in the year 1904 the property acquired for this park site was turned over to the Department, and in the spring of 1905 the work of selling and removing the old buildings began. Plans and specifications were prepared for its construction, calling for a large playground for boys and a smaller playground for girls. The plans provide for a house to accommodate the athletes for dressing, etc., and also a bandstand and comfort house. A contract was awarded for a portion of the work, namely, the filling in and grading of the grounds, the introduction of new irrigation and sewer systems, the erection of a temporary fence, and the laying of a temporary side-



NEW SIDEWALK, NINTH AVENUE, PROSPECT PARK.

walk around the park. All of this work has been completed. The cost of the same was exceedingly small, owing to the desire on the part of contractors to use the site as a dump for excavated material. The contract price was only four thousand seven hundred and ninety-three dollars (\$4,793.00).

Fulton Park was established in response to a practically unanimous appeal of the people of that neighborhood. It has been laid out, planted, and in the early spring will show a fine collection of hyacinths, tulips, pansies and other early flowers. The work of transformation was rapid.

Brooklyn Heights Parks.

There are five small parks, each fifty by one hundred and fifty feet, fronting on Columbia Heights and extending to Furman street. They are at the foot of Clarke, Pineapple, Orange, Cranberry and Middagh streets, respectively. All have been well cared for during the year, everything necessary being done to add to their beauty.

Playgrounds.

The playgrounds under the jurisdiction of the Department and located under the Williamsburg Bridge, Canarsie Park, Williamsburg Park and New Lots Playground in the Brownsville section, have been kept open throughout the year, and have proved a great attraction. The equipment was largely added to, and competent attendants employed to instruct in the various games played. Some preliminary work was done at Canarsie Park with a view to its future enlarged development. It is the intention to transform this site, containing forty acres and fronting on Jamaica Bay, into an ideal playground. Running tracks are to be established, a gymnasium installed and other innovations introduced. This park is contiguous to a number of rapidly developing sections. The expense of the improvement will not be great.

Parkways.

All the parkways under the jurisdiction of the Department received careful attention. The Shore road was especially looked after. The work of widening the roadway between Bay Ridge avenue and Eighty-ninth street, constructing sea walls and extending the slopes was completed. This unsurpassed driveway, affording a superb view of the Narrows and Lower Bay, is now considered in safe and presentable condition. The improvement was extensive in character and excellent in result, obviating the narrow and dangerous places previously existing. The roadway was rebuilt and resurfaced between the above mentioned points.

Application was made to the Board of Estimate and Apportionment and Board of Aldermen in November for an appropriation of one million eight hundred and seventy-five thousand dollars (\$1,875,000) to carry to completion the original design of Olmstead, Elliott & Olmstead, landscape architects. The full amount was allowed, and the money will be available during the coming year, when the work of carrying it to completion will be inaugurated and prosecuted without delay.

Bay Ridge parkway, which is the inlying continuation of the Shore road, was improved and received considerable care. Topsoil was spread wherever required, the banks and slopes shaped up and a number of trees and shrubs set out. The roadway was kept in fine condition throughout the year, being sprinkled and cleaned regularly.

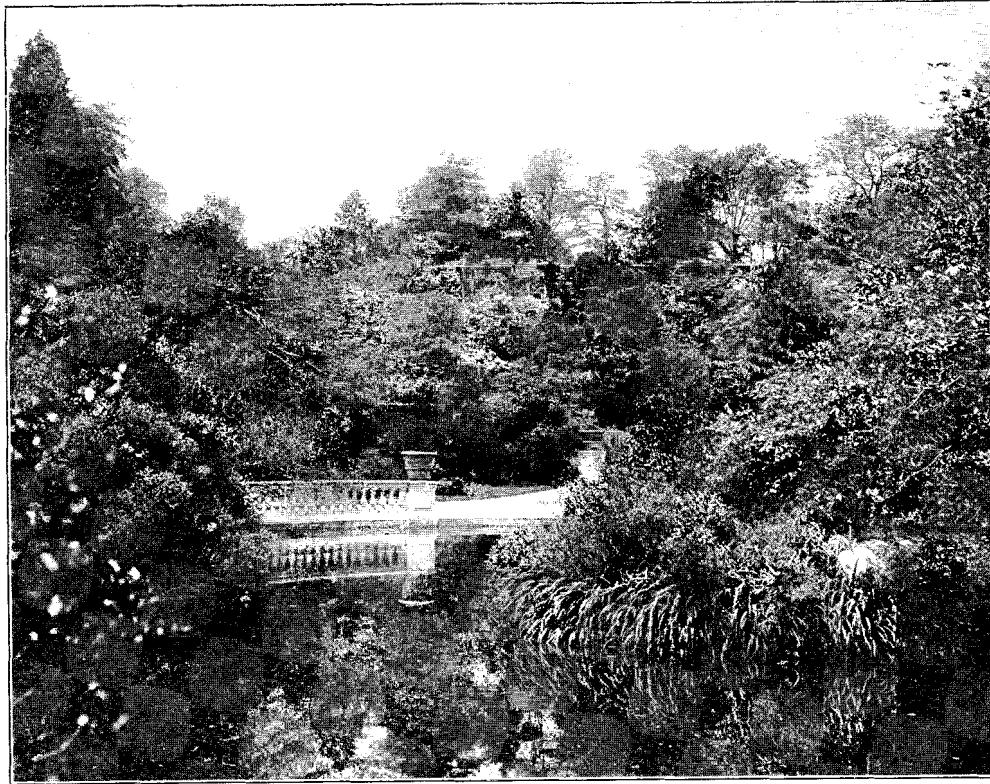
Ocean parkway, the main driveway leading from Prospect Park to the Atlantic Ocean at Coney Island, received careful attention at the hands of the Department. The westerly traffic road was resurfaced from King's highway south to Coney Island, and the remainder of the roadway repaired, cleaned and otherwise improved. The cycle paths were kept in their usual good condition, although not as much used as in former years, and the bridle paths were resurfaced with gravel. The main roadway was resurfaced for a distance of a mile and a half, the trees flanking the road were pruned, cleaned of insects and thoroughly sprayed. The grass borders were sodded, and the drainage system improved.

Bay parkway, commonly known as Twenty-second avenue, was kept in thorough order; the borders were cut, besides cleaned of weeds, and the surface of the roadway repaired at several points wherever deemed necessary.

Fort Hamilton avenue was partly resurfaced, over one hundred fine shade trees were planted, and altogether presented a good appearance. A cement sidewalk was constructed between Prospect and Greenwood avenues at an expense of seven hundred and forty-six dollars and sixty-five cents (\$746.65).

Parkside and Ocean Avenue.—Those portions of these parkways under the jurisdiction of the Department were carefully looked after. The sidewalks were raised, graded and considerable sodding done. The roadways at all times were kept in good condition.

Eastern parkway, one of the principal parkways of the system, presents unusual difficulties in its management and maintenance. During the year a vast amount of building was done along its entire length, resulting in its transformation into one of the main traffic arteries of the borough. When first constructed it was laid out with one main roadway sixty feet in width and two of lesser width at either side, separated from the main roadway by wide promenades. The side roads were originally paved with cobblestones and have not been changed for thirty or more years. This has resulted in diverting all traffic, both business and pleasure, to the main roadway, and the repairs required are incessant and continuous. The main road has been resurfaced with gravel between Washington and Brooklyn avenues, a distance of over a mile, and the remaining parts have been repaired from time to time. In order to maintain this famous drive as it should be, the antiquated cobblestones on the side roads should be replaced with a modern asphalt or other smooth pavement for the purpose of caring for the business traffic. It is the intention to make this necessary improvement as soon as the funds are provided. Inasmuch as it is proposed to build a branch of the subway under the middle roadway in the near future, no steps are contemplated to permanently im-



VALE OF CASHMERE. PROSPECT PARK.

prove the same at the present time. The fine old trees along this boulevard were trimmed, pruned and cleaned, and present a healthy condition. New trees were set out wherever necessary, and the paths, gutters and grass borders were carefully attended to. A sufficient number of benches were provided for people to enjoy the beauties of the surroundings.

The Eastern parkway extension was repaved in the centre of the roadway between Ralph avenue and Bushwick avenue with macadam. New cement sidewalks were laid on both sides of the roadway, and the asphalt portions of the latter were repaired and partly resurfaced. The cost of this improvement was twenty-one thousand dollars (\$21,000.00).

Highland boulevard, the main entrance to the park of this name, was repaired and new cement sidewalks laid.

Pitkin avenue, beginning at Eastern parkway and running in an easterly direction to Stone avenue, bisects one of the most thickly populated sections of the borough. Building operations have been carried on in this neighborhood to an unprecedented extent. As a result, the old macadam surface of the road was entirely destroyed and it was found necessary to replace the same. A contract was entered into for the repaving of this thoroughfare with asphalt on a concrete foundation, and the work started early in October. The sidewalk was likewise constructed on either side of the street. The contract price was thirty-four thousand four hundred dollars (\$34,400.00). The work was completed in the latter part of November, with the exception of one or two blocks of sidewalk, the weather preventing further work. The improvement is reported to be one of the finest pieces of asphaltum in the city, and is much appreciated by the residents of that neighborhood.

Glenmore avenue, Stone avenue and Pennsylvania avenue are all located in the East New York section of the Borough of Brooklyn, and are distinctively business thoroughfares. A bill was introduced in the last Legislature to have them turned over to the Bureau of Highways for maintenance, as they properly belong there. The measure failed of enactment, however, and they are still under the control of the Department. They are in no sense parkways, and the Department should be relieved of the cleaning and care of the same. During the year these thoroughfares received considerable attention. Repairs to the roadway were made wherever required. The same is true of Miller avenue, but two city blocks in length, which is paved with granite blocks and connects Highland Boulevard with Jamaica avenue.

New Lots road, portions of Dumont street and Riverdale avenue are also nominally under the care of the Department, but are unpaved. Only the necessary attention has been given to them.

Fourth Avenue—This street, while not under the care of this Department, contains along the middle of its roadway seventy-three small parks, each one block in length and fifteen feet wide. These have been planted, seeded and sodded the last two years

at the request of the President of the Borough. The greater number of these plots have been maintained in good condition, but the trees, shrubs and even the grass that bisect the tenement districts, have been destroyed and now present an unsightly appearance. As there is a probability of a branch of the subway being constructed under this street, it has been considered a waste of public funds to replace the trees and shrubs destroyed. The attention of the Department was concentrated on the plots which have not been destroyed. These have been well cared for, the missing trees and shrubs replaced, and considerable resodding done.

Slocum Statue.

On Decoration Day the statue of Major-General Henry W. Slocum was unveiled with impressive ceremonies. The plaza surrounding it was paved with gravel, and all the details carefully looked after. The President of the United States and many distinguished officials, militia men and civilians were present. An address was made by the President. The statue was accepted in behalf of the City by his Honor the Mayor. The invocation was made by the Right Reverend Bishop Frederick Burgess, of the diocese of Long Island, and the benediction pronounced by the Right Reverend Charles Edward McDonnell, of the diocese of Brooklyn. The unveiling was made a part of the usual Decoration Day exercises, in which the militia, many companies of United States soldiers, sailors and marines and a great number of civic bodies took part. Altogether it was a notable day for Brooklyn, and one long to be remembered. Exclusive of the statue proper, the cost of this work, including the work at the plaza, amounted to ten thousand dollars (\$10,000).

The Board of Estimate and Apportionment allowed two thousand dollars (\$2,000) to defray the expenses of the unveiling exercises. From this amount the most of engraving and printing of invitations, the hire of carriages, music, etc., amounting to one thousand three hundred and sixty-three dollars and twenty-nine cents (\$1,363.29), was defrayed.

Skene Monument.

Plans for a monument to the late Alexander Skene, M. D., have been approved by the Municipal Art Commission, and a site on the Plaza facing the Memorial Arch, at the main entrance to Prospect Park, has been selected. Work on the statue is well advanced, and it will be placed in position and be unveiled during the year.

Music.

The concerts in Prospect and the smaller parks, after a most successful season, closed on September 24. Music was given every Sunday in Prospect Park during the summer, beginning June 11 and continuing during the months of July, August and September. Altogether thirty-one (31) concerts, attended by nearly a half million people, were given in Prospect Park, and fifty-two (52) in the smaller parks. A concert was given every Sunday during the same period at Highland Park, which takes in a large and populous section. To say that these concerts were greatly appreciated



A NOOK IN PROSPECT PARK.

by the people of Brooklyn and other boroughs, is no exaggeration. It was notably so at the closing concert in Prospect Park, when the United German Singers of Brooklyn, numbering over four hundred voices, rendered a fine program in conjunction with the Twenty-third Regiment Band. It is estimated that between fifty thousand and sixty thousand people were present.

I desire to extend my thanks to the members of the various societies comprising the United German Singers, for their services at the two concerts given by them, which were so successful. Following is a list of the concerts in the different parks:

Thirty-one (31) in Prospect Park, fourteen (14) in Highland Park, eight (8) in Fort Greene Park, four (4) in City Park, two (2) in Bushwick Park, four (4) in Winthrop Park, four (4) in Saratoga Park, four (4) in Kings Park, Jamaica, two (2) in College Point Park, four (4) in Red Hook Park, two (2) in Flushing Park and four (4) in Sunset Park.

Donations.

The following donations were received for the conservatories and menagerie:

- Paul Montalini, No. 1460 Bedford avenue, 1 sage palm.
 Mrs. Rich, No. 304 South Third street, 2 large oleanders.
 Misses Stockton, Petersham, Mass., 2 large rubber plants.
 John Miller, No. 103 Sheffield street, 1 large fig tree.
 Mrs. J. S. Barrett, No. 327 Hancock street, 14 cacti plants.
 Mr. Silver, No. 20 Sidney place, 5 agaves; large plants.
 Mr. Silver, No. 20 Sidney place, 1 large yucca.
 Mrs. Albert H. Hale, No. 352 Hancock street, 2 large rubber plants.
 Mrs. Albert H. Hale, No. 352 Hancock street, 2 large cacti plants.
 Dr. O. E. F. Risch, No. 495 Third street, 1 pandanus.
 Miss L. Walsh, No. 222 Sumpter street, 1 large arbuttion.
 Miss L. Kick, No. 7 Second place, 22 plants, all cacti.
 Mrs. E. M. Bassett, No. 1716 Newkirk avenue, 1 rubber tree.
 Mrs. F. Halstead, No. 110 Prospect place, 1 ocelot.
 Mr. Wm. Moriarty, No. 493 Carlton avenue, 1 Mallard duck.
 Mr. John Dallas, Superintendent Red D Line Steamship Company, 1 blue and red Macaw.
 Mrs. W. H. Astley, No. 367 Forty-ninth street, 2 green parrots.
 Earl T. Munkenbeck, No. 543 First street, 1 paroquet.
 J. J. Kupsche, No. 966 Myrtle avenue, 1 coati mundi.
 Mrs. A. R. Blum, No. 800 Monroe street, 2 double yellow head parrots.
 R. F. Starkey, No. 464 East Twenty-sixth street, Flatbush, 1 Belgian hare.
 Wm. B. Reeve, No. 195 Fulton street, 1 marmoset.
 Mrs. B. J. Hall, No. 202 Eighth avenue, 1 white cockatoo.
 Mrs. M. I. Taylor, No. 437 Fifty-fourth street, 1 white rabbit.
 John L. Hines, of Coney Island & Brooklyn R. R. Co., 1 pair angora goats.

- Dr. Robt. A. McAustin, 1 pair South American quail.
 Central Park Menagerie, 1 buck aoudad.
 J. H. Ridge, No. 1018 Forty-first street, 1 green parrot.
 B. J. Stewart, No. 94 Seventh avenue, 1 pair guinea pigs.
 Mrs. Harte, No. 415 First street, 1 black squirrel.
 Gustave A. Amrhyh, Superintendent of Parks, New Haven, Conn., 1 Southdown
 ram.
 D. Frank, No. 109 India street. 1 pair peacocks.
 Charles C. Morley, No. 474 Sixtieth street, 1 red and blue macaw.
 Dr. Homer Crosscup, No. 297 Adelphi street, 1 raccoon and 1 paroquet.
 Jefferson Cohn, No. 143 Nelson street, 1 Java monkey.
 George E. Pell, No. 963 Pacific street, 2 macaws.
 S. T. King, No. 34 Greene avenue, 2 white rabbits.
 Mr. Carl Wiberg, No. 345 Cumberland street, 1 alligator.
 August Leverich, No. 449 McDonough street, 1 Cotswold lamb.

WORK OF THE POLICE.

Annual Report in Relation to the Police Department—Music in the Parks—The Num-
 ber of Visitors—Games Played—*Other General Information.*

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

SIR—I have the honor to herewith submit my annual report of the work accom-
 plished by the men constituting the police force of the Seventy-third Precinct, Pros-
 pect Park, together with such other information in relation to games, etc., 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 Cap-
 tain, four Sergeants, five Roundsmen, seventy-one Patrolmen. One Roundsman and
 eleven Patrolmen are mounted on horses, two to patrol Eastern parkway, nine to
 patrol the Park proper; six are mounted on bicycles to patrol the principal drives
 and cycle paths around the park and Eastern parkway; the four remaining Rounds-
 men and fifty-four Patrolmen to patrol the Park plaza and Institute park on foot,
 and one Doorman detailed as Acting Hostler in the stable. Total force, eighty-two.

Number of Arrests.

During the year one hundred and seventy-nine (179) arrests were made for the
 following offenses: Violation of park ordinances, ninety-one; assault, three; burglary,
 two; intoxication, twenty-four; vagrancy, twelve; trespassing, one; reckless driving,
 one; violation of motor vehicle law, eleven; disorderly persons, ten; indecent expo-



RUSTIC SHELTER ON LARGE LAKE—PROSPECT PARK.

sure, four; malicious mischief, two; carrying concealed weapons, two; petit larceny, three; suspicious person, one; attempted assault, two; attempted suicide, two; soliciting, one; violation of city ordinances, six; violation of corporation ordinances, one. Total, one hundred and seventy-nine (179).

Parades in and Around the Park.

The following parades occurred in or about the Park: May 30th, Memorial Day Parade; May 30th, Unveiling of Slocum's Monument; June 8th, Brooklyn Sunday School Union; September 16th, Battle of Antietam.

Field Sports.

During the year fourteen hundred and ninety-seven games of baseball were played on the Parade Grounds, as follows: April, two hundred; May, three hundred and eighty-eight; June, three hundred and twenty-two; July, two hundred and eighty-one; August, one hundred and fifty-one; September, one hundred and five; October, fifty.

One hundred and eighty games of cricket were played, as follows: June, thirty-five; July, thirty-five; August, thirty; September, twenty-five; October, twenty-five.

Three hundred and forty games of football were played, as follows: September, seventy-five; October, one hundred and fifteen; November, one hundred and fifty-four; December, six.

During the months of April, May and September about thirty games of basketball were played.

The lawn tennis and croquet grounds were constantly crowded, the number of games played not known.

Skating on the Lake.

There were thirty-six days of skating on the lake during the months of January, February and March.

Picnics.

During the year there were three hundred and forty-six picnics in the Park, with an attendance of forty-six thousand four hundred and twenty-two persons, as follows: Sunday-school picnics, one hundred and seventy-six; persons attending, thirty-nine thousand six hundred and forty-five; lawn, private and family parties, one hundred and seventy; persons attending, six thousand seven hundred and seventy-seven, which took place as follows:

April, one; attendance, thirty-five; May, thirty-seven; attendance, four thousand two hundred and ten; June, sixty-seven; attendance, eleven thousand six hundred and one; July, one hundred and thirteen; attendance, nineteen thousand six hundred and forty-six; August, sixty-four; attendance, four thousand eight hundred and fifty-five; September, sixty-four; attendance, six thousand and seventy-five. Total, three hundred and forty-six picnics; attendance, forty-six thousand four hundred and twenty-two.

Accidents.

There were one hundred and twelve accidents during the year, as follows:

Taken sick in the park, eight; injured playing baseball and football, twelve; fell from vehicles, twenty-six; runaways, twenty-four; burned by lightning, ten; fell on ice on lake, eight; collisions of carriages, sleighs, bicycles, etc., twenty-four. There were sixty ambulance calls to the aid of persons injured, of which eighteen were removed to hospitals and forty-two left for their homes.

There were also two deaths by suicide, both by shooting.

One foundling was found in the park and turned over to the city nurse.

Concerts.

The following concerts were given in Prospect park during the summer months: Saturday concerts, fourteen; first concert, June 24th; last concert, September 16th. Sunday concerts, seventeen; first concert, June 11th; last concert, September 24th.

Respectfully submitted,

JOHN McCORMICK, Sergeant-in-Command, Seventy-third Precinct.

Statement of Museums of the Brooklyn Institute of Arts and Sciences.

The pavilion or second section of the Museum Building, Eastern parkway and Washington avenue, was completed early in 1905, and turned over by the Department of Parks, Boroughs of Brooklyn and Queens, to the Brooklyn Institute of Arts and Sciences for its use as a Public Museum on February 11. The power-house and power-plant in the rear of the Museum Building were completed and turned over to the Institute on March 21. The new lecture hall in the basement of the second section, with a seating capacity of twelve hundred and fifty, was first opened to the public for lectures on March 4.

During March, April and May, collections illustrating the Arts and Sciences were installed in the galleries of the second section of the Museum, and this section, together with the hall of American Ethnology, was formally opened to the public on the evening of June 1, or exactly eight years after the opening of the first Museum section in 1897. The collections installed on the first floor are sculptures of the Greek, Roman and Modern periods, together with casts representing the Greek, Graeco-Roman and Roman periods. Collections on the second floor illustrate the Departments of Ethnology, Zoology and Geology. On the third floor are the Museum collection of bronzes, the Robert B. Woodward collection of ancient oriental glass, and collections of gold ornaments.

On the recommendation of the Trustees of the Institute, and at the request of the Park Commissioner of the Boroughs of Brooklyn and Queens, the Board of Estimate and Apportionment on March 15, and the Board of Aldermen on April 18, authorized the issue of corporate stock of the city to the amount of one hundred and



VALE OF CASHMERE—PROSPECT PARK.

thirty-one thousand dollars (\$131,000) to be used in providing thirty monolithic sculptures for the facades of the Museum Building, the cases for the third section of the Museum, and roadways, walks, sewers, grading and sodding in the rear of the Museum Building.

On June 23d the Board of Estimate and Apportionment authorized the purchase by the city, as an addition to Institute park, the triangle of land directly east of the Museum site and bounded by the Eastern parkway, Classon and Washington avenues; the purpose of this purchase being to prevent the erection near the Museum Building of objectionable structures and to create a larger open space about the Museum. The work of securing title to the land was in progress during the latter half of the year.

On June 15th the Department of Parks awarded a contract for the construction of roadways, walks, sewers and for grading and sodding in the rear of the Museum Building. Work under this contract was in progress during the latter half of the year. The entire cost of the work when completed, at contract prices, will be approximately ten thousand five hundred dollars (\$10,500).

The work of constructing the third or eastern section of the Museum Building, begun in 1904, was under way during the entire year, the walls of the building having been completed, and the roof having been constructed and made ready to receive the skylights. The architects of the Museum, Messrs. McKim, Mead and White, prepared drawings and specifications for the front steps and central approach to the Museum, including extensive storage room under the steps, and the contract for the building of the steps, central approach and storage room was awarded on June 22d, by the Department of Parks to the P. J. Carlin Construction Company at eighty-eight thousand nine hundred dollars (\$88,900). The work under this contract has been commenced.

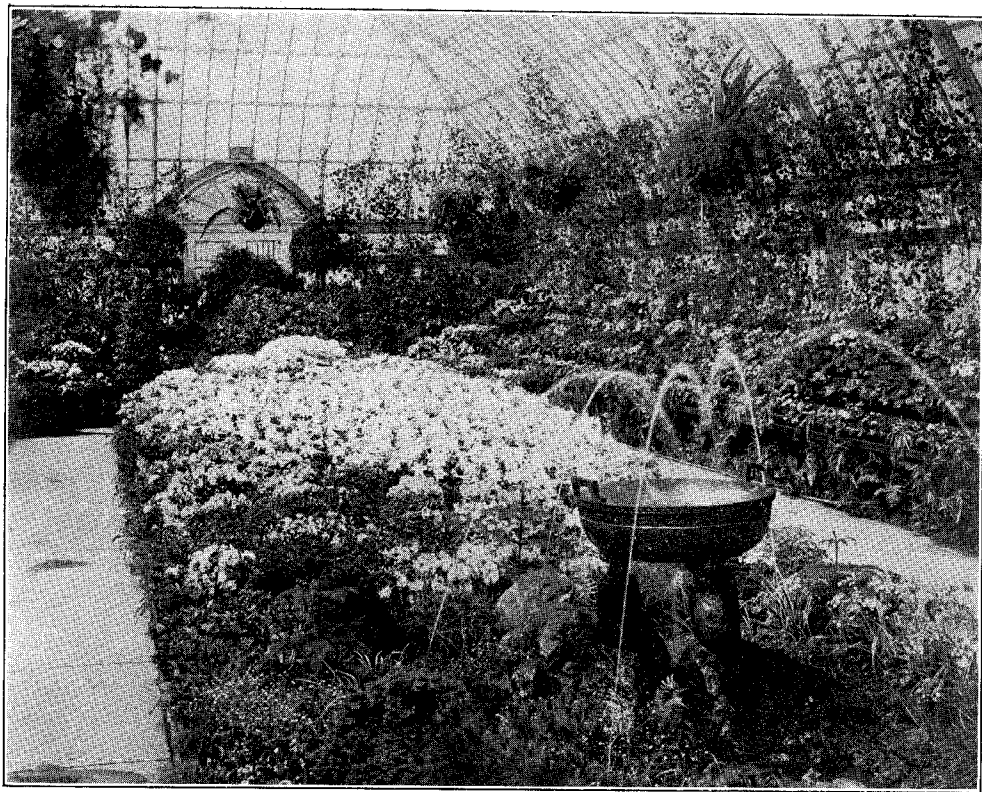
On December 26th the Board of Aldermen authorized the Park Commissioner of the Boroughs of Brooklyn and Queens to let a contract for furnishing monolithic sculptures, and for carving the pediment on the Museum Building, as required by the design of the building, without public letting, at a total cost not exceeding one hundred and twenty-two thousand dollars (\$122,000.00), and in order that the Department may secure the best possible execution of artistic work of the highest character.

The Board of Estimate and Apportionment and the Board of Aldermen have appropriated the sum of eighty thousand dollars (\$80,000.00), on the recommendation of the Department of Parks for the maintenance of the Museums for the year 1906.

Members and friends of the Institute subscribed the sum of fifteen thousand and seventy-two dollars and twenty-five cents (\$15,072.25), to be used by the Board of Trustees in the purchase of collections of works of art and scientific collections for

the Museum. The Museum was in the receipt of a large number of valuable gifts during the year. Among the more important were: A marble sculpture entitled "Poetry," by Salvatore Albano, purchased with proceeds of the Ella C. Woodward Memorial Fund; a marble sculpture entitled "Polyxena," by William W. Story, presented by Mr. George Freifeld; a marble sculpture entitled "Christ and St. John," heroic size, by William Ordway Partridge, presented by Mrs. Charles R. Baker, in memory of the late Rev. Charles R. Baker, D. D., Rector of the Church of the Messiah, for many years, and a trustee of the Institute from 1890 until his decease in 1898; a marble sculpture entitled "Eve," by Hiram Powers, presented by Mrs. Mary S. Croxson; an antique Roman Torso of a caryatid of the first and second centuries, in Cippolino marble, recently found in Rome, presented by A. Augustus Healy; a bronze sculpture by Barye, entitled "The Lapith and the Centaur," presented by Mrs. Fannie Avery Welch; a painting by Edwin L. Weeks entitled "Hour of Prayer at the Pearl Mosque, Agra," presented by Mr. George D. Pratt; a painting by Edwin L. Weeks entitled "A Scene in Morocco," purchased with Museum Collection Fund of 1904; a painting entitled "A Gray Morning," by Leonard Ochtman, purchased from the John B. Woodward Fund; a painting entitled "Autumn Oaks, Forest of Fontainbleau," by Paul Dougherty, presented by Mr. George Foster Peabody; a painting by George H. Bogert entitled "Dordrecht," presented by Mr. George A. Hearn; a painting called "The Captive," by R. A. Blakelock, presented by the Honorable Charles A. Schieren; a Sicilian Cart, from Palermo, presented by Mr. George C. Brackett; a collection of Chinese porcelain vases and Japanese pottery, presented by the Honorable Carl H. DeSilver; a collection of coins and two casts of Greek and Graeco-Roman relief, presented by Mr. Frank Sherman Benson; a collection of Japanese lacquers and one bronze ink horn, presented by Colonel Robert B. Woodward; a painting entitled "On the Bosphorus," by F. A. Bridgman, presented by Mr. Peter Geddes; a collection in Egyptology, purchased by Mr. Flinders Petrie, and paid for out of the Museum Collection Fund of 1904; a collection of Egyptian bronzes and a collection of Tenagra figures purchased with the Museum Collection Fund of 1905; a collection of gold ornaments (100 B. C. to 200 A. D.), purchased with the Ella C. Woodward Fund; a collection in Greek and Roman Archaeology, purchased from George N. Olcott, Ph. D., with the Museum Collection Fund of 1904. Ethnological collections from the Southwest were purchased by Mr. Stewart Culin with the aid of the Museum Collection Fund of 1904, at a cost of one thousand seven hundred dollars (\$1,700). To the natural history collections many additions were made with the aid of the Museum Collection Funds of 1904 and 1905, and through the generosity of friends. The Rev. J. L. Zabriskie presented a very complete collection of the Fungi of Long Island.

The foregoing additions were made in the earlier part of the year, and the following gifts were received near the close of the year: From Messrs. Charles H. Gening, Emil Carlson, Henry Howard and William L. Carrigan, one oil painting by Herbert Denman; Rev. Alfred Duane Pell, fifteen pieces of china and twenty-four European Ceramics



LILY DISPLAY IN GREENHOUSE, PROSPECT PARK.

and Japanese red lacquer box; Mr. Austin Corbin, one buffalo and calf and four wild boars; Mr. Julius Brunn, collection of shells, twenty-five hundred; Colonel Robert B. Woodward, five specimens of flying animals; Mr. George C. Brackett, one Italian majolica plate, and Mr. E. B. Sturgis, a botanical collection containing some twelve thousand specimens.

The museum has also received many loans of valuable works of art for temporary exhibition. Lists of the gifts and also of the loans to the museum collection are printed in the serial publications of the institute.

Important groups of mammals have been placed on exhibition during the year, including the Rocky Mountain goat, the Alaskan seal and the musk-ox of Labrador.

Expeditions were made by Mr. George K. Cherrie, Curator of Ornithology, to the valley of the Orinoco, to make collections of birds and mammals; by Mr. Stewart Culin, Curator of Ethnology, to Arizona and California to make collection in Ethnology, and by Mr. Carl Schaeffer, Assistant Curator of Entomology, to Arizona and New Mexico to make collections of insects. All of these expeditions were successful, and an account of the results of the exhibitions will be published by the institute later.

Courses of lectures were given at the Central Museum by Professor John McKay, Ph. D., on "Physical Geography and Physical Science," in the spring, and by Mr. Frank E. Johnson, on "Birds," during the autumn.

Courses of lectures, open to the children in the public and private schools of the city, were given at the Children's Museum, Bedford Park, by the Curator, Miss Anna B. Gallup, and her assistants.

The attendance at the Central Museum for the year ending December 31, 1905, was one hundred and twenty-one thousand, and at the Children's museum, ninety-four thousand four hundred and eighty.

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

Title of Appropriation.	Appropriation		Total Appropriation for 1904.	Expended.	Out-standing on Contracts.	Balance.
	for 1904 Allowed by Board of E. and A., Jan. 1, 1905.	Transfers by Board of E. and A., Subsequent to Jan. 1, 1905.				
Administration	\$24,162 45	.....	\$24,162 45	\$24,121 48	.....	\$40 97
Labor, maintenance, supplies and care of trees	490,000 00	\$259 00	489,741 00	475,439 73	\$6,540 29	7,760 98
Maintenance of museums	75,000 00	.....	75,000 00	67,139 42	.....	7,860 58
Music	12,864 00	259 00	13,123 00	13,123 00	.....	.....

Bond Accounts (Revenue Bond).

Title of Appropriation.	Amount of Ap- propriation.	Expenditures.	Balance.	Out- standing on Contracts.	Remarks.
Revenue Bond Fund for maintenance of parks, parkways and playgrounds under the jurisdiction of the Department of Parks, Boroughs of Brooklyn and Queens	\$75,000 00	\$63,155 27	\$11,844 73	.....	.....
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, New York	2,000 00	1,363 29	636 71	.....	.....
Revenue Bond Fund for labor, maintenance and supplies for the Commissioner of Parks for the Boroughs of Brooklyn and Queens	7,915 06	4,437 84	17 94	\$3,459 28	.....

Bond Accounts (Corporate Stock).

Title of Appropriation.	Amount of Ap- propriation.	Expenditures.	Balance.	Out- standing on Contracts.	Remarks.
Improvements of parks, parkways and drives, Boroughs of Brooklyn and Queens.....	\$75,877 85	\$43,455 32	\$15,817 13	\$16,605 40	.....
Improvement and construction of parks, parkways, playgrounds, boulevards and driveways, Boroughs of Brooklyn and Queens.....	683,721 02	434,065 16	16,614 88	233,040 98	.....

Balances from 1901. Bond Account. (Brooklyn's Balances.)

	Amount of Appropriation.	Expended.	Outstand- ing Contracts.	Balance.
Park Site and Improvement Fund.....	\$763 27	.....	.....	\$763 27
Museum of Arts and Sciences Fund.....	424 87	.....	.....	424 87
Memorial Arch Fund.....	3,018 57	.....	.....	3,018 57
Park Purchase Fund.....	115 15	.....	.....	115 15
County Street Improvement Fund.....	728 91	.....	.....	728 91
County Improvement of Streets (additional)	52 74	.....	.....	52 74



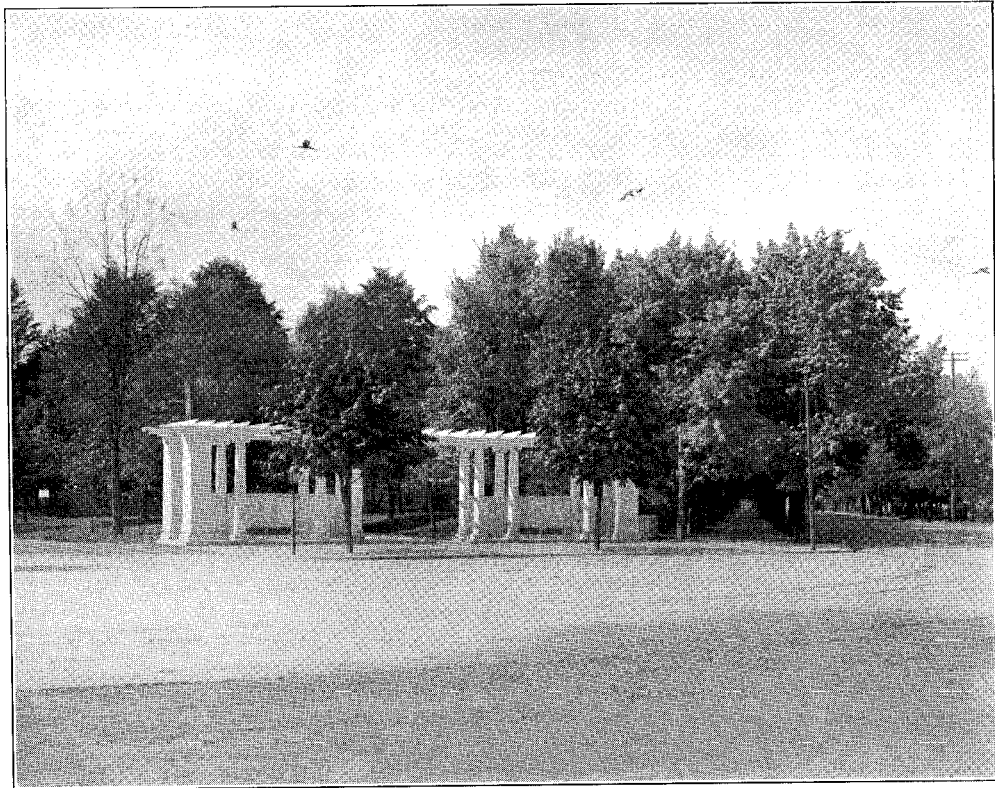
VIEW OF THE LONG MEADOW, PROSPECT PARK.

Special Account (Balance from 1901).

	Amount of Appropriation.	Expended.	Outstand- ing Contracts.	Balance.
Maintenance and improvement of public parks on Brooklyn Heights, Borough of Brooklyn	\$756 51	\$644 00	.....	\$112 51
Museum of Arts and Sciences Fund, erec- tion of an addition.....	631,684 16	265,325 79	\$221,776,22	144,582 15

Revenue from Rents and Privileges.

Prospect Park.....	\$8,650 00	
Forest Park	354 67	
Canarsie Park	60 00	
Shore Road and Bay Ridge Parkway.....	1,402 00	
Furman street.....	550 08	
Kings Park.....	1 00	
	<hr/>	\$11,017 75
Sale of houses.....	\$20,755 00	
Sale of sheep, horses, etc.....	784 35	
Bay windows and ornamental projections.....	199 08	
	<hr/>	21,738 43
		<hr/>
		<u>\$32,756 18</u>



PERGOLA ENTRANCE AT OCEAN AVENUE, PROSPECT PARK.

NEW YORK CITY PUBLIC PARKS AND PARKWAYS.

BOROUGH OF MANHATTAN.

Improved Parks, With Names.

Name.	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 Eighth 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
Corlears Hook Park.....	Corlears 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 streets, 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
Greeley 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 to Eighty-first street.....	17.582
Morningside Park.....	One Hundred and Tenth to One Hundred and Twenty-third street, between Columbus and Amsterdam avenues.....	31.238
Mount Morris Park.....	Mount Morris to Madison avenue, One Hundred and Twentieth to One Hundred and Twenty-fourth street.....	20.174

Name.	Location.	Area in Acres.
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 Sec- ond 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 Waverly place.....	8.115
Total.....		1,191.573

Unimproved Parks With Names.

Name.	Location.	Area in Acres.
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 Washing- ton 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.....		147.551



BUSTS OF MOORE, MOZART AND BEETHOVEN AND MONUMENT OF J. S. T. STRANAHAN IN PROSPECT PARK.

Improved Unnamed Parks.

Location.	Area in Acres.
Park bounded by Seventeenth and Eighteenth streets, Avenue C and East river	1.037
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	1.266

Unimproved Unnamed Parks.

Location.	Area in Acres.
Triangle at St. Nicholas avenue and One Hundred and Thirty-seventh street..	0.038
Triangle at St. Nicholas avenue and One Hundred and Fiftieth street.....	0.024
Addition to Riverside Park, One Hundred and Twenty-second street to Claremont place, Riverside avenue to Claremont avenue.....	2.064
Extension of Riverside Park, N. Y. C. & H. R. R. to the bulkhead line of Hudson river, Seventy-second to One Hundred and Twenty-ninth street..	48.215
Extension of Highbridge 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.....	22.817
Corner of Worth and Baxter streets.....	0.187
Total	75.856

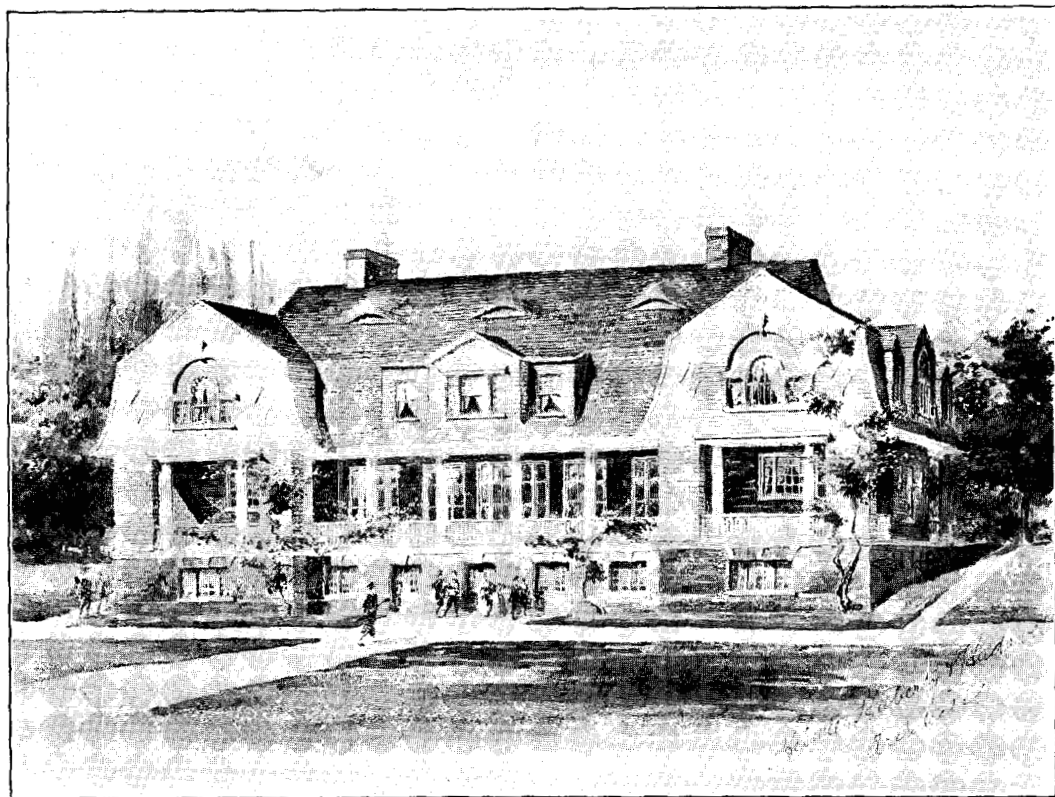
Parkways, Streets, Avenues, etc., Under the Jurisdiction of the Department of Parks.

Location.	Length, Feet.	Width, 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
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
Total.....	71,258	....

BOROUGH OF RICHMOND.

Improved Park, with Name.

Name.	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



NEW GOLF HOUSE—FOREST PARK.

Unimproved Named Park.

Name.	Location.	Area in Acres.
Silver Lake Park.....	Richmond turnpike and Silver Lake, Brighton Heights	about 57.90

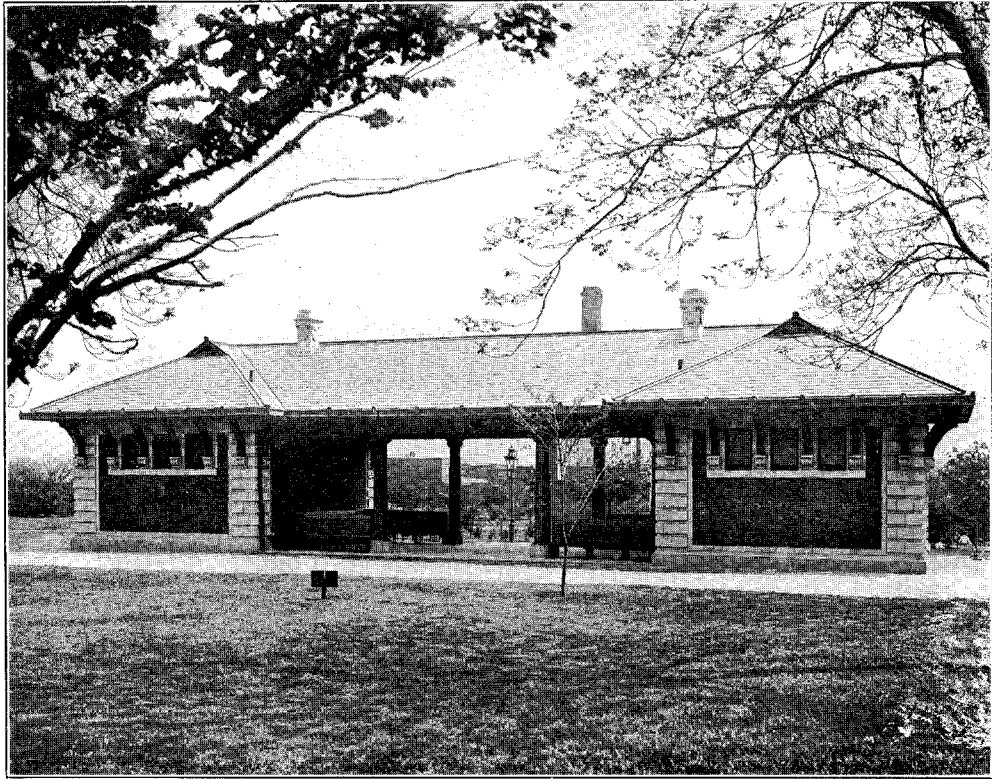
BOROUGH OF THE BRONX.

Improved Parks With Names.

Name.	Location.	Area in Acres.
Bronx Park.....	East One Hundred and Eighty-second street, Southern Boulevard, St. John's College property, New York Central and Hudson River Railroad and White Plains road.....	719.12
Franz Sigel Park.....	Walton avenue, One Hundred and Fifty-eighth street and Mott avenue.....	17.47
Crotona Park.....	Fulton avenue, Third avenue and Arthur avenue	154.60
Claremont Park.....	Teller avenue, Belmont street, Clay avenue and One Hundred and Seventieth street.....	38.00
Echo Park.....	Junction of Burnside and Tremont avenues....	4.00
De Voe Park.....	Fordham road, Sedgwick avenue and One Hundred and Eighty-eighth street.....	5.87
Macomb's Dam Park.....	Jerome avenue, One Hundred and Sixty-second street, Cromwell's avenue and Harlem river...	27.00
Melrose Park.....	One Hundred and Sixty-first and One Hundred and Sixty-second streets, Courtlandt and Vanderbilt avenues.....	.83
Pelham Bay Park.....	Northeast end of New York City.....	1,756.00
Poe Park.....	East One Hundred and Ninety-second street and Kingsbridge road.....	2.33
Rose Hill Park.....	Pelham avenue, Park avenue and Webster avenue .....	.42
St. James' Park.....	Jerome avenue, Creston avenue and East One Hundred and Ninety-first street.....	11.83
St. Mary's Park.....	St. Ann's avenue, One Hundred and Forty-ninth street and Robbins avenue.....	28.70
University Park.....	Cedar avenue, One Hundred and Eighty-first street and Sedgwick avenue.....	2.75
Van Cortlandt Park.....	Northern boundary line of City, Broadway, Van Cortlandt avenue, Jerome avenue and Mount Vernon avenue.....	1,132.35
Washington Bridge Park.....	Sedgwick avenue, Harlem river, Washington Bridge	8.45
Total.....		3,909.72

Unnamed Parks.

Name.	Area in Acres.
One Hundred and Thirty-seventh street and Third avenue.....	.04
Bergen avenue, One Hundred and Forty-ninth street and Gerard avenue.....	.05
Austin place and One Hundred and Forty-ninth street.....	.04
Hall place, Roger place and One Hundred and Sixty-fifth street.....	.38
Bay avenue, Craven street and Edgewater road.....	.04
Hunt's Point road, Spofford avenue, Faile street.....	.07
Hunt's Point road, Randall avenue, Whittier street.....	.12
Hunt's Point road, Bacon street, Ryawa avenue.....	.02
Hunt's Point road, Whittier street, Eastern Boulevard.....	2.80
Washington avenue, One Hundred and Sixty-third street and Brook avenue..	.06
Washington avenue and One Hundred and Sixty-first street.....	.26
Washington avenue, Brook avenue and One Hundred and Sixty-first street...	.35
One Hundred and Thirty-eighth street, Mott avenue and Railroad avenue....	.20
One Hundred and Forty-second street, Morris avenue, and College avenue....	.06
Third avenue, One Hundred and Eighty-eighth street, and Washington avenue.	.15
Aqueduct avenue and Boscobel avenue.....	.62
Aqueduct avenue and Featherbed lane.....	.53
Van Cortlandt avenue, Mosholu Parkway, South and Grand Boulevard.....	.67
Two Hundred and Forty-second street and Waldo avenue, Field-Stone road, Two Hundred and Forty-fourth street.....	4.31
Two Hundred and Forty-second street and Waldo avenue.....	.31
One Hundred and Sixty-ninth street and Boston avenue.....	.16
One Hundred and Sixty-ninth street and Franklin avenue.....	.15
One Hundred and Forty-third street and Morris avenue.....	.06
Fulton and Franklin avenues, and One Hundred and Sixty-seventh street.....	.20
Boston road, Third avenue and One Hundred and Sixty-fourth street.....	.06
Fulton avenue, between One Hundred and Sixty-ninth street and One Hundred and Seventieth street.....	.95
Throggs Neck, Fort Schuyler road and Eastern Boulevard.....	.45
Webster, Clay and Wendover avenues.....	.28
Jerome avenue, One Hundred and Seventieth street and Macomb's Dam road..	.50
Webster avenue, Parkside place, Two Hundred and Fifth to Two Hundred and Tenth street.....	.50
Aqueduct avenue and One Hundred and Eighty-first street and Old Aqueduct.	1.00
Total	15.39



SHELTER HOUSE—COOPER PARK.

Parkways.

Name.	Length, Feet.	Width, Feet.	Area in Acres, Including Intersecting Streets.
Crotona parkway	3,815	200	12.0
Spuyten Duyvil parkway.....	11,500	60 to 180	24.5
Mosholu parkway	6,035	600	80.0
Bronx and Pelham parkway.....	11,861	400	95.0
Total.....	.....	.....	211.5

SUMMARY.

	Area in Acres.
Total area improved named parks.....	3,909.72
Total area unnamed parks.....	15.39
Total area parkways.....	211.50
Total area parklands, Borough of The Bronx.....	4,136.61

BOROUGH OF BROOKLYN.

Improved Parks with Names.

Name.	Location.	Area in Acres.
Bedford Park	Brooklyn and Kingston avenues, Park and Prospect places	4
Bensonhurst Beach	Bay parkway, Gravesend Bay, Twenty-first and Cropsey avenues	8
Brooklyn Heights Park.....	Columbia Heights, fronting on Furman street....	5
Bushwick Park.....	Knickerbocker and Irving avenues, Starr and Suydam streets	6
Canarsie Beach.....	Rockaway parkway and Jamaica Bay.....	40
Carroll Park.....	President, Court, Carroll and Smith streets.....	2
City Park.....	Canton and Navy streets, Park and Flushing avenues	7.500
City Hall Park.....	Junction of Court and Fulton streets.....	0.500
Coney Island Concourse.....	Foot of Ocean parkway, Atlantic Ocean.....	55
Seaside Park.....	Foot of Ocean parkway, Atlantic Ocean.....	15
Cooper Park.....	Maspeth and Morgan avenues, Sharon and Guilford streets	7

Name.	Location.	Area in Acres.
Cooper Gore Park.....	Junction of Metropolitan and Orient avenues....	0.250
Cuyler Park.....	Junction of Fulton street and Greene avenue....	0.250
Dyker Beach Park.....	Seventh avenue, Bay Eighth street, Cropsey and Fourteenth avenues and Gravesend Bay.....	144
Fort Greene Park.....	DeKalb avenue, Washington Park, Ashland place, Willoughby and Canton streets and Myrtle avenue	30
Fort Hamilton Park.....	Fourth avenue, DeNyse street, Fort Hamilton avenue and New York Bay.....	7
Highland Park.....	Terminus of Eastern parkway extension, Sunnyside and Force Tube avenues.....	26
Institute Garden (east side lands)..	Washington avenue, Eastern parkway and Flatbush avenue	50
Irving Square.....	Hamburg and Knickerbocker avenues, Halsey and Weirfield streets	3.500
Lincoln Terrace.....	Eastern parkway, Buffalo avenue, President street and Rochester avenue	12
Linton Park.....	Bradford street, Blake, Dumont and Miller avenues	3
Municipal Park.....	Joralemon street, opposite City Hall.....	0.333
New Lots Playground.....	Sackman street, Newport, Christopher and Riverdale avenues	3
Parade Ground.....	Coney Island, Caton and Fort Hamilton avenues and Parade place	40
Prospect Park.....	Ninth avenue, Fifteenth street, Coney Island, Fort Hamilton, Ocean and Flatbush avenues..	516.167
Red Hook Park.....	Richards, Dwight, Verona and Williams streets..	6
Saratoga Square.....	Saratoga and Howard avenues, Halsey and Macon streets	4
Stuyvesant Park.....	Junction of Stuyvesant avenue and Broadway....	0.125
Sunset Park.....	Forty-first and Forty-third streets, Fifth and Seventh avenues	14.250
Tompkins Park.....	Tompkins, Greene, Lafayette and Marcy avenues.	7.750
Underhill Park.....	Junction of Underhill and Washington avenues..	0.250
Winthrop Park.....	Nassau and Driggs avenue, Russell and Monitor streets	8.500
Woodpoint Park.....	Junction of Metropolitan avenue and Woodpoint road	0.250
Zindel Park.....	Junction of Broadway and Throop avenue.....	0.250
Total		1,026.875



SHELTER HOUSE—BUSHWICK PARK.

BOROUGHES OF BROOKLYN AND QUEENS.

Parkways, Streets, Avenues, Etc., Under Jurisdiction of Department of Parks.

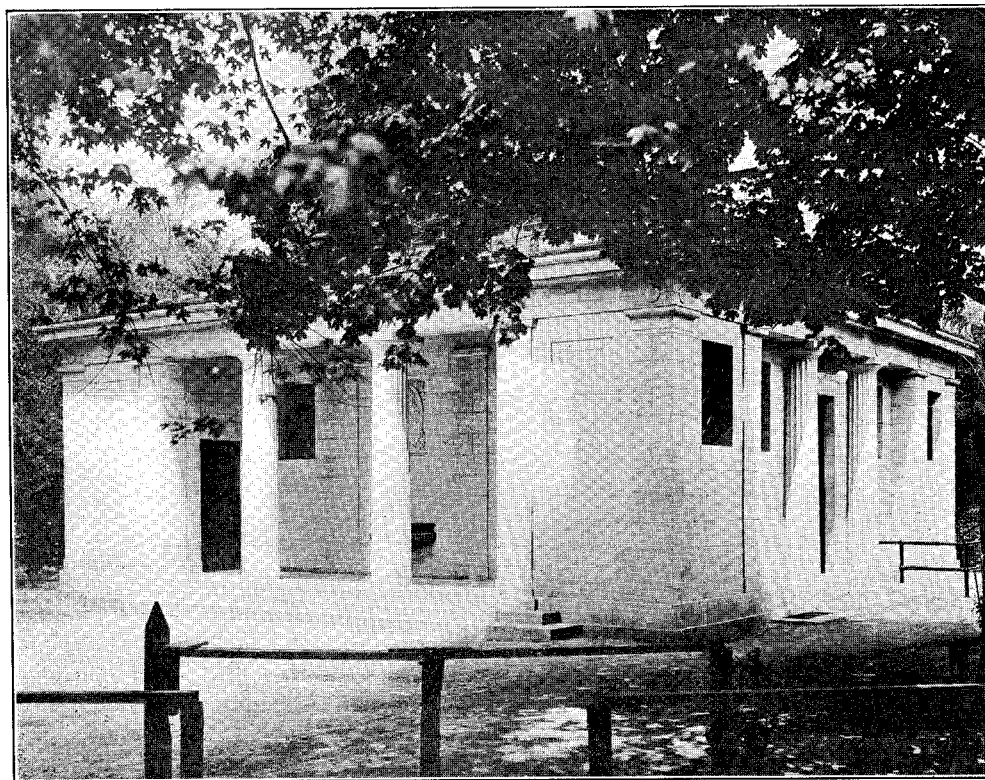
Name.	Location.	Length. Feet.	Width. Feet.
Bay parkway (formerly Twenty-second avenue)	From Ocean parkway to Bensonhurst Beach	15,840	100
Bay Ridge parkway (Shore road)...	From Fort Hamilton avenue to shore of New York Bay, and along shore of New York Bay to Fort Hamilton....	15,840	320 to 900
Bushwick avenue.....	From Eastern parkway extension to Jamaica avenue	1,320	100
Buffalo avenue.....	From Eastern parkway to East New York avenue	660	110
Dumont avenue.....	From New Lots to Fountain avenue....	1,320	70
Eastern parkway.....	From Prospect Park to Ralph avenue....	13,200	210
Eastern parkway extension.....	From Ralph avenue and Eastern parkway to Highland Park	11,884	110
Fourth avenue.....	From Flatbush avenue to shore road..	23,760	120
Fort Hamilton parkway.....	From Ocean parkway to Fort Hamilton	23,760	100
Glenmore avenue.....	From Stone avenue to Eldert lane.....	10,560	60
Miller avenue.....	From Eastern parkway extension to Jamaica avenue	528	60
New Lots avenue.....	From Riverdale to Dumont avenue.....	5,280	60
Ocean parkway.....	From Prospect Park to Coney Island....	29,040	210
Ocean avenue.....	From Flatbush to Fort Hamilton avenue	2,640	100
Pennsylvania avenue.....	From Jamaica avenue to Jamaica Bay..	13,200	100
Pitkin avenue.....	From East New York to Stone avenue..	2,680	80
Riverdale avenue.....	From Stone to New Lots avenue.....	7,920	70
Rockaway parkway.....	From Buffalo avenue to Canarsie Beach	26,400	100
Stone avenue.....	From Eastern parkway extension to Riverdale avenue.....	5,280	80
Seventy-fifth street.....	From Fort Hamilton parkway to Bay parkway (Twenty-second avenue).....	10,560	100
Union street.....	From Fourth avenue to Prospect Park..	3,960	60
Shaw avenue.....	From Jamaica avenue to Forest Park, Borough of Queens	1,320	80
Total		226,952	....

Improved Parks with Names.

Name.	Location.	Area in Acres.
Ashmead	Canal street, Park place and South streets, Jamaica .....	.250
Forest	Jamaica avenue, Union Turnpike, Flushing and Myrtle avenues, Richmond Hill.....	536.000
Flushing	Main street and Broadway, Flushing.....	1.200
Kings	Fulton, Alsop, Ray streets and Sheldon avenue, Jamaica	11.000
Monitor Square.....	Junction of Jackson avenue and Third street, Long Island City .....	.250
Poppenhausen	Junction of College avenue and Thirteenth street, College Point .....	.243
Total		548.943

Improved Unnamed Parks.

Location.	Acres. Area in
Junction of Martel avenue and Thirteenth street, College Point.....	0.060
Fourteenth, Fifteenth and Louisa streets and Fifth avenue, College Point.....	1.100
Junction of Jackson avenue and Eleventh street, Long Island City.....	0.020
Vernon and Nott avenues and Hancock street, Ravenswood.....	0.250
Junction of Jackson avenue and Twelfth street, Long Island City	0.060
Junction of Jackson avenue and Sixth street, Long Island City.....	0.060
Junction of Jackson avenue and Ninth street, Long Island City.....	0.100
Junction of East New York and Pitkin avenues, Brooklyn:.....	0.250
Total	1.900



SHELTER HOUSE—FORT GREENE.

Recapitulation of Park Areas.

	Acres.
Borough of Manhattan.....	1,416.246
Borough of Richmond.....	60.640
Borough of Brooklyn.....	1,026.875
Borough of Queens.....	550.843
Borough of The Bronx.....	3,866.590
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Total.....	6,921.194
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Recapitulation of Parkways, Streets, Avenues, Etc.

	Length, Feet.
Borough of Manhattan.....	71,258
Borough of Richmond.....	....
Borough of Brooklyn and Borough of Queens.....	226,952
Borough of The Bronx.....	33,211
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Total.....	331,421
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