

THE LAKE AND BOW BRIDGE, CENTRAL PARK.

**Annual Report**  
of the  
**Department of Parks**  
of  
**The City of New York**  
for the Year  
**1907**



### THE PARK BOARD:

HENRY SMITH, President,

Commissioner of Parks for the Boroughs of Manhattan and Richmond.

JOSEPH I. BERRY,

Commissioner of Parks for the Borough of The Bronx.

MICHAEL J. KENNEDY,

Commissioner of Parks for the Boroughs of Brooklyn and Queens.

Moses Herrman, President, Park Board, resigned September 19, 1907

Samuel Parsons, President, Park Board, { appointed September 19, 1907;  
resigned November 25, 1907.

M. F. Loughman, Secretary, Park Board, resigned December 5, 1907.

Roswell D. Williams, Secretary, Park Board, appointed December 5, 1907.

# DEPARTMENT OF PARKS.

REPORT FOR THE YEAR ENDING DECEMBER 31, 1907.

BOROUGHES OF MANHATTAN AND RICHMOND.

The City of New York, Department of Parks, }  
Arsenal, Central Park, }  
December 31, 1907. }

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

Sir—In compliance with the provisions of the Charter, I beg to forward herewith a report of the work undertaken and accomplished by this Department during the year ending December 31, 1907.

Respectfully,  
HENRY SMITH, President, Park Board.

## THE PARK BOARD.

During the year 1907, in addition to the work of properly maintaining the parks and parkways in the various Boroughs of the City, extensive improvements have been undertaken by the Department in the public domain under its charge, and a great deal has been done towards the enhancement of public enjoyment of the parks. Contracts were entered into for the construction of additional buildings required to house the rapidly increasing botanical, historical, zoological and art collections of the City; for the completion of the interior of the New York Public Library Building; the erection of new protecting bulkheads for the park at Coney Island and other parks along the shore in the Borough of Brooklyn; the installation of a new water supply and irrigation system in Central Park, and many other works of great import to the citizens of the greater city. The complete list of contracts awarded during the year is as follows:

## Contracts Executed by the Park

Date.	Contractor.
Jan. 1, 1907	New York Telephone Company, No. 15 Dey street.....
Jan. 4, 1907	Frank J. Lennon Company, Nos. 143 and 145 East Thirty-first street.....
Jan. 12, 1907	Sayles, Zahn Company, Nos. 126 to 130 Sixth avenue.....
Jan. 16, 1907	Strauss Bros., Pacific street and Flatbush avenue.....
Jan. 18, 1907	John H. Meyer, No. 18 Beekman place.....
Jan. 19, 1907	Frederick W. H. Nelson, No. 502 Hamilton avenue, Brooklyn.....
Jan. 22, 1907	Atlanta Contracting Company, No. 434 East Ninety-first street.....
Jan. 26, 1907	C. N. Whitten, No. 215 West One Hundred and Twenty-fifth street.....
Jan. 22, 1907	Norcross Bros., No. 160 Fifth avenue.....
Jan. 25, 1907	William Whisten's Son, No. 859 Sixth avenue.....
Jan. 31, 1907	George J. Kuhn, No. 718 East One Hundred and Eighty-first street.....
Feb. 14, 1907	General Contracting and Engineering Company, No. 15 Whitehall street.....
Feb. 15, 1907	M. A. Gleason, No. 1760 Webster avenue.....
Feb. 28, 1907	Cavanagh Bros. & Co., No. 104 Reade street.....
Feb. 28, 1907	Cavanagh Bros. & Co., No. 104 Reade street.....
Feb. 23, 1907	Ruwe Bros., No. 765 Atlantic avenue, Brooklyn.....
Mar. 7, 1907	Manhattan Supply Company, No. 127 Franklin street.....
Mar. 7, 1907	Manhattan Supply Company, No. 127 Franklin street.....
Mar. 7, 1907	Manhattan Supply Company, No. 127 Franklin street.....
Mar. 7, 1907	Manhattan Supply Company, No. 127 Franklin street.....
Mar. 8, 1907	Stumpp & Walter Company, No. 50 Barclay street.....
Mar. 8, 1907	Stumpp & Walter Company, No. 50 Barclay street.....
Mar. 5, 1907	Thomas C. Dunham (Inc.), No. 68 Murray street.....
Mar. 7, 1907	Ruwe Bros., No. 765 Atlantic avenue, Brooklyn.....
Mar. 9, 1907	John P. Kane Company, No. 287 Fourth avenue.....
Mar. 11, 1907	Pittsburg Plate Glass Company, No. 322 Hudson street.....
Mar. 15, 1907	Manhattan Supply Company, No. 127 Franklin street.....
Mar. 20, 1907	Thos. J. Buckley Construction Company, No. 408 Tenth avenue.....
Mar. 18, 1907	Arthur C. Jacobson & Sons, Nos. 81 to 87 Bridge street, Brooklyn.....
Mar. 20, 1907	F. Donovan & Son, No. 540 Union street, Brooklyn.....
Mar. 21, 1907	Church E. Gates & Co., No. 227 Mott avenue, The Bronx.....
Mar. 21, 1907	East River Mill and Lumber Company, No. 425 East Ninety-second street.....

## Board During the Year 1907.

Work.	Amount.	Surety.
Telephone service, Manhattan and Richmond	\$1,732 50	The United States Fidelity and Guaranty Company.
Forage, Manhattan.....	15,226 40	The Metropolitan Surety Company.
Beef, Central Park, Menagerie.....	1,911 15	The United States Fidelity and Guaranty Company.
Beef and fish, Prospect Park, Menagerie, Brooklyn .....	1,909 97	The Metropolitan Surety Company.
Coal, Manhattan.....	8,482 52	American Bonding Company of Baltimore.
Coal, Brooklyn.....	15,553 75	Aetna Indemnity Company.
St. Nicholas Park, south of One Hundred and Thirty-fifth street, Manhattan.....	88,497 00	The Title Guaranty and Surety Company; The United States Fidelity and Guaranty Company.
Pipe sewer, from cottage south of Seventy-ninth street, Transverse road, Manhattan. Modification "D" of Contract No. 3, erection of New York Public Library.....	4,317 50	The Title Guaranty and Surety Company.
	17,876 00	The United States Fidelity and Guaranty Company; the Fidelity and Deposit Company of Maryland.
Comfort Building, New York Zoological Park, The Bronx.....	16,999 00	American Surety Company of New York.
Coal, The Bronx.....	635 00	The Title Guaranty and Surety Company.
Timber jetty at Seaside Park, Coney Island, Brooklyn .....	15,700 00	Fidelity and Deposit Company of Maryland.
Forage, The Bronx.....	1,552 50	The Title Guaranty and Surety Company.
Oils, Brooklyn and Queens.....	1,918 85	The United States Fidelity and Guaranty Company.
Rubber goods, Brooklyn and Queens.....	1,248 98	The United States Fidelity and Guaranty Company.
Blacksmith's material, Brooklyn and Queens	3,649 65	American Surety Company of New York.
Hardware, Brooklyn and Queens.....	1,283 41	People's Surety Company of New York.
Tools and implements, Brooklyn and Queens	2,658 94	People's Surety Company of New York.
Plumbing supplies, Brooklyn and Queens...	2,235 40	People's Surety Company of New York.
Plumbing supplies, Manhattan.....	1,110 69	People's Surety Company of New York.
Grass seed, Prospect Park, Brooklyn.....	1,458 50	The Metropolitan Surety Company.
Flower pots, fern pans, etc., Brooklyn and Queens .....	934 75	The Metropolitan Surety Company.
Paints, Brooklyn and Queens.....	2,325 57	The Metropolitan Surety Company.
Wheelwright materials, Brooklyn and Queens	749 06	American Surety Company of New York.
Masons' supplies, Manhattan and Richmond.	950 00	The United States Fidelity and Guaranty Company.
Painters' supplies, Manhattan.....	3,206 30	American Surety Company of New York.
Hardware, The Bronx.....	1,605 06	People's Surety Company of New York.
Timber, The Bronx.....	695 90	People's Surety Company of New York.
Lumber, Brooklyn.....	9,608 33	National Surety Company.
Forage, Brooklyn and Queens.....	10,168 80	American Bonding Company of Baltimore.
Timber, The Bronx.....	2,777 70	The Title Guaranty and Surety Company.
Lumber, Manhattan and Richmond.....	7,933 50	The Empire State Surety Company.

Date.	Contractor.
Mar. 22, 1907	John B. Rose Company, No. 642 West Fifty-second street.....
Mar. 26, 1907	Thos. Crimmins Contracting Company, No. 444 East Sixty-ninth street.....
Mar. 26, 1907	Studebaker Bros. Company of New York, Broadway and Seventh avenue, at Forty- eighth street.....
April 3, 1907	Charles Cranford, Foster avenue and East Sixteenth street, Brooklyn.....
April 4, 1907	William Young, No. 448 West Thirty-sixth street.....
April 4, 1907	Olin J. Stephens, No. 444 East One Hundred and Thirty-eighth street.....
April 3, 1907	Buckley Realty Construction Company, 624 Madison avenue.....
April 5, 1907	Harry Harper, No. 2698 Third avenue.....
April 16, 1907	McHarg-Barton Company, No. 299 Broadway.....
April 15, 1907	Peter Kieran Company, No. 715 East Two Hundred and Eighteenth street.....
April 18, 1907	Robert White Engineering Works, foot of Columbia street, Brooklyn.....
April 17, 1907	F. T. Nesbit & Co. (Inc.).....
April 20, 1907	Chas. L. Doran, No. 1015 Walton avenue.....
April 18, 1907	P. J. Langler, No. 9 Grand avenue, Brooklyn.....
April 22, 1907	Jacob E. Conklin, No. 299 Broadway.....
April 24, 1907	Kelly & Kelley (Inc.), No. 45 East Forty-second street.....
April 23, 1907	Robert Carter & Co., No. 551 Prospect place, Brooklyn.....
April 24, 1907	Cavanagh Bros. & Co., No. 48 Duane street.....
April 25, 1907	Sickels & Nutting Company, No. 35 Barclay street.....
April 25, 1907	John Wanamaker, No. 784 Broadway.....
April 27, 1907	Manhattan Supply Company, No. 127 Franklin street.....
April 29, 1907	A. G. Spalding & Bros. (Inc.), No. 126 Nassau street.....
April 29, 1907	Louis Wechsler, No. 1133 Broadway.....
April 29, 1907	William Young, No. 448 West Thirty-sixth street.....
April 30, 1907	Michael J. O'Brien, No. 2142 Broadway.....
April 29, 1907	City Excavating and Contracting Company, No. 407 Hamilton avenue, Brooklyn..
May 8, 1907	Vulcan Iron Works, No. 175 North Ninth street, Brooklyn.....
May 8, 1907	John W. Whitbeck, No. 2094 Tiebout avenue.....
May 8, 1907	John Peirce Company, No. 277 Broadway.....
May 13, 1907	Stumpp & Walter Company, No. 50 Barclay street.....
May 13, 1907	Atlanta Contracting Company, No. 434 East Ninety-first street.....



Work.	Amount.	Surety.
Seven thousand yards of North River road gravel, Manhattan.....	14,700 00	The Title Guaranty and Surety Company.
Water mains, between Fifty-ninth and Seventy-second streets, Central Park, Manhattan .....	52,591 94	The United States Fidelity and Guaranty Company.
Harness and stable supplies, Manhattan.....	1,400 55	American Surety Company of New York.
Twenty-five hundred cubic yards of top soil on Ocean parkway, Brooklyn.....	2,225 00	People's Surety Company of New York.
Four hundred thousand square feet of grass sod on parks, Manhattan.....	5,200 00	American Surety Company of New York.
One hundred and fifty tons of coal, The Bronx .....	885 00	The Title Guaranty and Surety Company.
Excavation for new wing, Metropolitan Museum of Art.....	19,675 00	The Title Guaranty and Surety Company.
Paints and oils, The Bronx.....	1,134 80	The Metropolitan Surety Company.
Awning frames and standards, boat house, Prospect Park, Brooklyn.....	1,400 00	The Title Guaranty and Surety Company.
Storage sheds, manure pit, refuse incinerator, Central Park, Manhattan.....	18,720 00	The Empire State Surety Company.
Repairs to four road rollers, Brooklyn.....	1,529 00	The Metropolitan Surety Company.
Elephant house, New York Zoological Park, The Bronx.....	149,975 00	The Title Guaranty and Surety Company and People's Surety Company of New York.
Top soil or garden mould, parks and parkways, Brooklyn and Queens.....	1,852 50	The Title Guaranty and Surety Company.
Wheelwrights' supplies, Manhattan and Richmond .....	633 57	The Metropolitan Surety Company.
Broken stone and screenings of trap rock, The Bronx.....	8,600 00	The Title Guaranty and Surety Company.
Boiler house and steam trench, New York Botanical Garden, The Bronx.....	25,648 00	The Title Guaranty and Surety Company.
Hudson River road gravel for Prospect Park, Brooklyn.....	14,994 00	The Metropolitan Surety Company.
Rope and marlin, Manhattan.....	994 80	The Metropolitan Surety Company.
Tools and hardware, Manhattan.....	2,195 57	The Metropolitan Surety Company.
One hundred tables and 400 chairs, Prospect Park, Brooklyn.....	1,840 00	Aetna Indemnity Company.
Machinists' and blacksmiths' supplies, Manhattan and Richmond.....	2,543 59	People's Surety Company of New York.
Playground supplies, Manhattan and Richmond .....	1,463 60	The Empire State Surety Company.
Bronze lamps and granite vases, Prospect Park .....	4,868 00	The Empire State Surety Company.
Two hundred and sixty-eight thousand square feet of grass sod, Brooklyn parks.....	3,478 64	The Aetna Indemnity Company.
Plumbing, drainage, etc., New York Public Library .....	93,000 00	The Title Guaranty and Surety Company; the Bankers' Surety Company of Cleveland.
Repairs and alterations to bulkhead, foot of Ocean parkway, Brooklyn.....	14,960 80	The Metropolitan Surety Company.
Erecting tree guards and erecting and furnishing two-rail pipe fence, Cathedral parkway, Manhattan.....	7,572 50	The Title Guaranty and Surety Company.
Six hundred cubic yards of white beach sand for playgrounds, Manhattan and Richmond .....	1,500 00	Fidelity and Deposit Company of Maryland.
Interior finish, New York Public Library, Manhattan .....	3,133,000 00	The Title Guaranty and Surety Company; People's Surety Company of New York; the Empire State Surety Company; United Surety Company, and the Aetna Indemnity Company.
Grass seed, flower seed and plants, The Bronx .....	721 50	People's Surety Company of New York.
Water mains in Central Park, north of Ninety-seventh street, Manhattan.....	38,230 00	The Title Guaranty and Surety Company.

Date.	Contractor.
May 14, 1907	Fiss, Doerr & Carroll Horse Company, No. 153 East Twenty-fourth street.....
May 17, 1907	The Kinsey, Ranier & Thompson Company, No. 393 Broadway.....
May 28, 1907	William R. Thompson, No. 704 Lafayette avenue, Brooklyn.....
June 3, 1907	Schoverling, Daly & Gales, No. 302 Broadway.....
June 10, 1907	Coldwell Lawn Mower Company, Newburgh, N. Y.....
June 10, 1907	William G. Leeson, No. 537 West One Hundred and Forty-ninth street.....
June 13, 1907	Cavanagh Bros. & Co., No. 48 Duane street.....
June 14, 1907	Walter L. Castle, No. 2257 Bedford avenue, Brooklyn.....
June 17, 1907	Abramson-Engesser Company, No. 1871 First avenue.....
June 19, 1907	John Fox & Co., No. 253 Broadway.....
June 18, 1907	Charles L. Doran, No. 1015 Walton avenue.....
June 27, 1907	Frank J. Lennon Company, No. 143 East Thirty-first street.....
June 28, 1907	Vulcan Iron Works, No. 175 North Ninth street, Brooklyn.....
July 1, 1907	Aaron Buchsbaum Company, Amsterdam avenue.....
June 29, 1907	Fiss, Doerr & Carroll Horse Company, No. 153 East Twenty-fourth street.....
July 12, 1907	Uvalde Asphalt Paving Company, No. 1 Broadway.....
July 13, 1907	The Hastings Pavement Company, No. 20 Broad street.....
July 13, 1907	The Hastings Pavement Company, No. 20 Broad street.....
July 10, 1907	M. Gleason, No. 765 East One Hundred and Seventy-sixth street.....
July 19, 1907	Coldwell Lawn Mower Company, Newburgh, N. Y.....
July 19, 1907	Clinton Point Stone Company, No. 170 Broadway.....
July 12, 1907	Burns Bros., No. 26 Cortlandt street.....
July 19, 1907	Lord Electric Company, No. 213 West Fortieth street.....
July 22, 1907	Jacob E. Conklin, No. 299 Broadway.....
July 25, 1907	John B. Rose Company, foot of West Fifty-second street.....
July 25, 1907	John B. Rose Company, foot of West Fifty-second street.....
Aug. 1, 1907	Neptune B. Smyth, No. 1123 Broadway.....
Aug. 8, 1907	O'Brien Bros., No. 54 South street.....
Aug. 8, 1907	Jacob E. Conklin, No. 299 Broadway.....
Aug. 9, 1907	A. G. Spalding & Bros., No. 126 Nassau street.....
Aug. 12, 1907	Neptune B. Smyth, No. 1123 Broadway.....
Aug. 9, 1907	Geo. J. Kuhn, One Hundred and Seventy-second street and Webster avenue.....
Aug. 9, 1907	J. P. Duffy Company, Fourth avenue and One Hundred and Thirty-eighth street..
Aug. 20, 1907	Norcross Bros.....
Sept. 11, 1907	Arrigoni & Cavallezzo, No. 440 Westchester avenue.....
Sept. 19, 1907	McHarg-Barton Company, No. 299 Broadway.....

Work.	Amount.	Surety.
Ten horses, Manhattan.....	3,200 00	The United States Fidelity and Guaranty Company.
Four safes, Brooklyn and Queens.....	724 00	People's Surety Company of New York.
Flag pole, Shore road, Brooklyn.....	793 00	The United States Fidelity and Guaranty Company.
Playground supplies, Brooklyn and Queens..	648 41	The Metropolitan Surety Company.
Lawn mowers, The Bronx.....	1,790 00	The Title Guaranty and Surety Company.
One thousand cubic yards of mould, Harlem River driveway.....	1,300 00	The Title Guaranty and Surety Company.
Waste receptacles, The Bronx.....	1,073 00	The Title Guaranty and Surety Company.
Walk around Kings Park, Borough of Queens .....	3,600 00	The Metropolitan Surety Company.
Museum cases, Botanical Garden, Bronx Park .....	6,085 00	The Aetna Indemnity Company.
Five hundred wire tree guards, The Bronx..	430 00	The United States Fidelity and Guaranty Company.
Twenty-five thousand cubic yards of garden mould, Manhattan.....	40,000 00	The Title Guaranty and Surety Company.
Forage, Manhattan.....	15,723 25	The Metropolitan Surety Company.
Three-rail pipe fence around Greenpoint Park, Brooklyn .....	7,470 00	The Title Guaranty and Surety Company.
Beef for Central Park Menagerie, Manhattan .....	1,741 95	The Metropolitan Surety Company.
Horses for parks, Brooklyn and Queens....	3,000 00	The United States Fidelity and Guaranty Company.
Repairing asphalt roadway, Manhattan.....	14,552 50	The Empire State Surety Company; the Title Guaranty and Surety Company.
Asphalt tile walks in Sunset Park, Brooklyn	19,220 00	The Metropolitan Surety Company; American Surety Company of New York.
Repaving asphalt walks in Prospect Park, Brooklyn .....	36,400 00	American Surety Company of New York; the Metropolitan Surety Company.
Hay, The Bronx.....	1,627 50	The Title Guaranty and Surety Company.
Motor lawn mowers, Brooklyn.....	5,200 00	The Title Guaranty and Surety Company.
Trap rock and trap rock screenings, Brooklyn .....	11,329 50	The Title Guaranty and Surety Company.
Coal, Manhattan .....	7,238 20	United Surety Company.
Electric equipment, etc., New York Public Library, Manhattan .....	173,891 00	The Title Guaranty and Surety Company; United Surety Company.
Broken stone, Botanical Garden, The Bronx.	4,550 00	The Title Guaranty and Surety Company.
Hudson River road gravel, parks and parkways, Brooklyn .....	12,950 00	The Title Guaranty and Surety Company.
Hudson River road gravel, Ocean parkway, Brooklyn .....	21,730 00	The Title Guaranty and Surety Company.
Painting, etc., in Museum of Arts and Sciences, Brooklyn .....	3,630 00	American Bonding Company of Baltimore.
Riprap sea wall, Bay Ridge, Brooklyn.....	86,400 00	American Bonding Company of Baltimore; the Bankers' Surety Company.
Broken stone and screenings, The Bronx....	9,000 00	American Surety Company of New York.
Playground apparatus, McLaughlin Park, Brooklyn .....	3,650 00	The Empire State Surety Company.
Continuous skylight and other work, Metropolitan Museum of Art, Manhattan.....	32,700 00	American Bonding Company of Baltimore.
Coal, The Bronx.....	3,408 00	The Title Guaranty and Surety Company.
Drain pipe, The Bronx.....	702 12	The Title Guaranty and Surety Company.
Modification E, New York Public Library contract .....		
Tree planting, etc., The Bronx.....	73,500 00	United Surety Company.
Pumping plant, Forest Park, Queens.....	10,222 00	The Title Guaranty and Surety Company.

Date.	Contractor.
Sept. 19, 1907	Church E. Gates & Co., No. 227 Mott avenue.....
Sept. 21, 1907	Kelly & Kelley (Inc.), No. 45 East Forty-second street.....
Sept. 21, 1907	Kelly & Kelley (Inc.).....
Sept. 23, 1907	A. L. Guidone, No. 1 Madison avenue.....
Sept. 23, 1907	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn.....
Sept. 23, 1907	The Thiel Contracting Company, No. 418 Franklin avenue, Guttenberg, N. J.....
Sept. 23, 1907	Bonacci & Vincelli Contracting Company, No. 672 Degraw street, Brooklyn.....
Sept. 24, 1907	A. G. Southworth Company (Inc.), No. 342 Flatbush avenue, Brooklyn.....
Sept. 23, 1907	Walter L. Castle, No. 2257 Bedford avenue, Brooklyn.....
Sept. 24, 1907	The Builders' Trucking and Material Company, Bedford avenue and Degraw street, Brooklyn .....
Sept. 25, 1907	Henry J. Mullen, Post Office Building, Jamaica, Long Island.....
Sept. 25, 1907	William N. Kenyon, No. 216 Berkeley place, Brooklyn.....
Sept. 24, 1907	Charles Longenecker & Co., No. 150 Nassau street.....
Sept. 27, 1907	John B. Rose Company, foot of West Fifty-second street.....
Sept. 26, 1907	The Hastings Pavement Company, No. 25 Broad street.....
Sept. 26, 1907	The Hastings Pavement Company, No. 25 Broad street.....
Sept. 26, 1907	The Hastings Pavement Company, No. 25 Broad street.....
Sept. 26, 1907	The Hastings Pavement Company, No. 25 Broad street.....
Oct. 3, 1907	The Asphalt Construction Company, No. 207 Broadway.....
Oct. 3, 1907	The Sicilian Asphalt Paving Company, No. 41 Park row.....
Oct. 4, 1907	The Barber Asphalt Paving Company, No. 114 Liberty street.....
Oct. 3, 1907	M. Reid & Co. (Inc.), No. 114 West Thirty-ninth street.....
Oct. 9, 1907	J. P. Duffy Company, Fourth avenue and One Hundred and Thirty-eighth street..
Oct. 23, 1907	Guidone & Galardi, No. 1 Madison avenue.....
Oct. 23, 1907	The Barber Asphalt Paving Company, No. 114 Liberty street.....
Oct. 25, 1907	David M. Hanley, No. 1285 Bedford avenue, Brooklyn.....
Oct. 26, 1907	New Jersey Foundry and Machine Company, No. 15 Murray street.....

Work.	Amount.	Surety.
Timber, The Bronx.....	1,833 30	The Title Guaranty and Surety Company.
Soda pavilion, New York Zoological Park, The Bronx .....	7,679 00	The Title Guaranty and Surety Company.
Greenhouse, Botanical Garden, The Bronx...	62,796 00	The Title Guaranty and Surety Company.
Grading, etc., north of municipal building, Crotona Park, The Bronx.....	16,255 00	The Title Guaranty and Surety Company.
Limestone and limestone screenings, Brook- lyn .....	4,950 00	People's Surety Company of New York. American Bonding Company of Balti- more.
Fifty thousand Belgian blocks, The Bronx...	2,900 00	
Cement sidewalks and curb around Parade Ground, Prospect Park, Brooklyn.....	9,311 30	The Empire State Surety Company.
Two automobiles, Brooklyn.....	6,630 00	People's Surety Company of New York.
Cement sidewalks, Sunset, Amesfort, Fulton, Bedford and Irving Square parks, Brook- lyn .....	11,768 81	United Surety Company.
Twelve thousand cubic yards top soil, Pros- pect Park, Brooklyn.....	9,360 00	The Empire State Surety Company.
Cement sidewalks around Rainey and Ash- mead Park, Queens.....	1,621 42	Bankers' Surety Company.
Masons' supplies, Brooklyn and Queens.....	2,188' 00	The Metropolitan Surety Company.
Two road rollers, Brooklyn and Queens....	3,680 00	The Empire State Surety Company.
Ten thousand cubic yards North River road gravel, Manhattan .....	22,500 00	The Title Guaranty and Surety Company.
Tile walks, Flushing and College Point parks, Queens .....	4,374 44	The Metropolitan Surety Company; American Surety Company of New York.
Tile walks, Winthrop, Cooper and Seaside parks, Brooklyn .....	39,727 50	The Metropolitan Surety Company; American Surety Company of New York.
Tile walks, Kings Park, Jamaica.....	10,400 00	The Metropolitan Surety Company; American Surety Company of New York.
Pavements in Bedford, Bushwick, Fulton, Saratoga and Irving Square parks, Brook- lyn .....	37,344 39	The Metropolitan Surety Company; American Surety Company of New York.
Paving carriageway, etc., Fifth avenue, Fifty-ninth and Sixtieth streets, Ninetieth, and Plaza at One Hundred and Tenth street, Manhattan .....	68,090 00	The United States Fidelity and Guaranty Company; the Title Guaranty and Surety Company.
Walks of Central and other parks, Manhat- tan .....	40,300 00	The United States Fidelity and Guaranty Company; the Title Guaranty and Surety Company.
Paving, etc., semi-circle at Sixty-sixth street, Central Park West, Manhattan.....	4,598 00	The United States Fidelity and Guaranty Company; People's Surety Company of New York.
Addition F, Art Museum, Manhattan.....	404,585 00	People's Surety Company of New York; National Surety Company; the Metro- politan Surety Company.
Two hundred barrels Portland cement, The Bronx .....	358 00	The Title Guaranty and Surety Company.
Stone wall and iron fence, Botanical Gar- den, Bronx Park.....	17,000 00	The Title Guaranty and Surety Company.
Repairing asphalt roadways, etc., Glenmore avenue, Brooklyn .....	6,264 85	The United States Fidelity and Guaranty Company; People's Surety Company of New York.
Trees and shrubs, McLaughlin Park, Brook- lyn .....	2,777 17	The Metropolitan Surety Company.
Ten thousand feet two-pipe iron fence, parks in The Bronx.....	3,890 00	The Title Guaranty and Surety Company.

Date.	Contractor.
Oct. 29, 1907	Estate of John A. Scollay, No. 74 Myrtle avenue, Brooklyn.....
Oct. 29, 1907	Estate of John A. Scollay, No. 74 Myrtle avenue, Brooklyn.....
Nov. 8, 1907	George J. Kuhn, One Hundred and Seventy-second street and Webster avenue....
Nov. 11, 1907	Robert Carter & Co., No. 551 Prospect place, Brooklyn.....
Nov. 12, 1907	George N. Reinhardt, No. 943 Brook avenue.....
Dec. 5, 1907	Jacob E. Conklin, No. 299 Broadway.....
Dec. 20, 1907	Norton & Gorman Contracting Company, No. 303 Douglass street, Brooklyn.....
Total.....	

Work.	Amount.	Surety.
Alterations to steam heating apparatus, shelter house, Prospect Park.....	524 00	The Metropolitan Surety Company.
Alterations and repairs, boilers, etc., greenhouse, Prospect Park, Brooklyn.....	446 00	The Metropolitan Surety Company.
Two hundred tons coal.....	1,230 00	The Title Guaranty and Surety Company.
Hudson River road gravel, parks and parkways, Brooklyn .....	9,920 00	The Bankers' Surety Company.
Thirty thousand pounds oats, The Bronx....	600 00	The Title Guaranty and Surety Company.
Broken stone and screenings, The Bronx...	13,500 00	American Surety Company of New York.
Top soil on various parks, Brooklyn.....	9,500 00	People's Surety Company of New York.
.....	\$5,725,338 47	

Under the Charter all contracts and ordinances affecting the parks must be passed upon by the Park Board, composed of the Commissioners of Parks, of whom there are three, one for the Boroughs of Manhattan and Richmond, who is President of the Board; one for the Borough of The Bronx, and one for the Boroughs of Brooklyn and Queens.

The expenses of the Board are provided for in the Annual Budget, the appropriation for 1907 being \$27,800 for salaries of Commissioners, Secretary and employees. Of this sum, \$27,077.30 was expended, the balance reverting to the General Fund for the Redemption of the City Debt. This sum does not, however, truly represent the expense of conducting the business of the Board, as a large part of the work in connection therewith was performed by the clerical and engineering forces in the Borough of Manhattan, the salaries of all of these employees being paid from the funds appropriated for Administration, Boroughs of Manhattan and Richmond.

The administration in each Borough is under the sole jurisdiction of the Commissioners, and the work accomplished or undertaken during the year is more fully described in the following reports of each Commissioner:



**BOROUGHES OF MANHATTAN AND  
RICHMOND.**

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Department of Parks, Manhattan and Richmond, }  
The Arsenal, Central Park, }  
New York, December 31, 1907. }

**Hon. GEORGE B. McCLELLAN, Mayor, 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 for the year ending December 31, 1907.

Respectfully,

**HENRY SMITH, Commissioner.**

# ANNUAL REPORT OF THE DEPARTMENT OF PARKS, BOROUGHS OF MANHATTAN AND RICHMOND, FOR THE YEAR 1907.

The expenditures during the year for the maintenance of parks and parkways under the jurisdiction of the Commissioner of Parks, Boroughs of Manhattan and Richmond, were as follows:

## *Statement of Budget Appropriations for the Boroughs of Manhattan and Richmond for 1907.*

Title of Appropriation.	Amount.	Expenditures.	* Balance.
Administration .....	\$35,670 00	\$35,380 26	\$289 74
Labor, Maintenance, Supplies and Preservation of Stone Work .....	663,822 50	663,791 56	22 00
Zoological Department.....	32,000 00	31,840 30	159 70
Maintenance of Museums—			
American Museum of Natural History.....	160,000 00	160,000 00	.....
Metropolitan Museum of Art.....	160,000 00	160,000 00	.....
Music .....	25,700 00	25,519 00	181 00
Supplies and Contingencies.....	2,008 94	2,008 94	.....
Surveys, Maps and Plans.....	1,500 00	1,491 95	8 05
Aquarium .....	45,000 00	44,192 41	807 59
Playgrounds, Kindergartens, Baths and Comfort Stations.	64,894 00	64,738 78	155 22
Care of Trees in City Streets.....	30,000 00	27,994 97	2,005 03
Harlem River Driveway.....	15,000 00	14,903 30	96 70
Care of Grant's Tomb.....	5,000 00	5,000 00	.....
Ambulance Service, Central Park.....	1,200 00	1,199 93	07
Children's School Farm, De Witt Clinton Park.....	5,000 00	4,976 14	23 86
Jumel Mansion, Maintenance, etc.....	7,000 00	4,640 24	2,359 76
Revenue Bond Fund, for Maintenance of Parks, Parkways, Drives, Playgrounds, etc., Deficiency in Appropriation, 1907, Boroughs of Manhattan and Richmond.....	94,550 00	94,141 67	408 33
Total.....	\$1,348,336 50	\$1,341,819 45	\$6,517 05

\* Transferred to General Fund for Redemption of City Debt.

The appropriation for maintenance of the parks, parkways, etc., being insufficient for that purpose, the Board of Estimate and Apportionment, upon application of the Commissioner of Parks, issued Revenue Bonds as shown above, to meet the deficiency.

A statement of the work done under each of the above appropriations follows:

### *Administration.*

Appropriation .....	\$35,670 00
Expenditures .....	35,380 26
Unexpended balance .....	\$289 74



THROUGH THE WOODS, CENTRAL PARK.  
(North End.)

The expenditure under this appropriation represents salaries of the administration officials and clerical force in the office of the Department.

*Labor, Maintenance and Supplies—Preservation of Stone Work and Care of Trees.*

Appropriation .....	\$663,822 50
Amount transferred to account of Supplies and Contingencies.....	8 94

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\$663,813 56

Revenue Bond Fund for the Maintenance of Parks, etc.—Deficiency in Appropriation, 1907 .....	94,550 00
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\$758,363 56

Expenditures—

Department payrolls.....	\$588,234 67
Supplies .....	169,000 56
	<hr/> 757,235 23

Unexpended balance .....	\$1,128 33
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The expenditure for payrolls represents salaries and wages of foremen, gardeners, laborers, drivers, climbers and pruners, etc., employed in the work of maintenance. The work consisted principally of routine work of cleaning walks and drives, cleaning and mowing lawns and grass plots, resurfacing drives, walks, etc. The removal of snow from the park paths and sidewalks required the service of all classes of employees during the first quarter; gardeners, climbers and pruners as well as laborers, together with a force of hired teams and carts in addition to the regular force of department teams and carts, being employed to effect its quick removal.

The snowfall during the first quarter was exceedingly heavy, averaging a fall of fifteen inches and the resources of the Department were taxed to the utmost to clear it from the paths and sidewalks of the parks, especially in City Hall Park and other downtown parks, which lie directly in the path of the great volume of business traffic of the City.

In addition to this work the snow was cleaned from the frozen surface of the lakes in Central Park during the skating season. The lakes were opened to the public for skating on the following dates: January 24, 27, 28, 29, 30 and 31; February 4, 16, 18, 19, 22, 23, 27 and 28; March 1, 15 days in all. The lakes were kept open until half-past ten o'clock each night, calcium lights being used to illuminate the lakes for the skaters.

The heavy snowfall made good sleighing on the park drives during the early part of the year. In order to enhance the public enjoyment of this winter sport snow was carted to various points along the drives as required to make a good foundation for the sleighs and to continue the sleighing as long as possible.

During the spring season the usual planting of flower beds was attended to by the gardening force. About 30,000 pansies and 20,000 daisies, propagated at the department nursery at Sixty-sixth street and Eighth avenue, were set out; the tulip and other bulbs planted in the fall being removed after they had bloomed. These were later replaced by geraniums, begonias, alternantheras, cannas and other plants for summer and fall flowering.

The many herbaceous beds bordering the drives in Central Park were cleaned and weeded and the wistaria and trumpet vines pruned and trimmed. Lawns and grass borders were given a coating of manure fertilizer, about 3,000 yards being carted from the department manure pit at Ninety-seventh street, Central Park, all the work being done by the department force.

The bare spots in the lawns and grass plots in all the parks were resodded as were also the grass plots on West Seventy-second street, West Eighty-sixth street and on West End avenue, from Seventieth street to One Hundred and Sixth street, about 400,000 square feet of sod being used in the work, which was done entirely by the department force.

The drives in Central and Riverside Parks were cleaned and repaired by a force of experienced laborers under the supervision of competent foremen. During the summer and early fall, when the driving was lightest, a large force was put on the work of resurfacing the Central Park drives. The East Drive, from Fifty-ninth street to McGown's Pass at One Hundred and Fourth street; the West Drive, from Fifty-ninth street to West One Hundredth street; the Centre Drive, from Fifty-ninth street to Seventy-second street, and the Cross Drives, at the Marble Arch and at Seventy-second street from Fifth avenue to Eighth avenue were picked up, fresh gravel added and the road rolled with steam and horse road rollers.

The bridle roads were constantly harrowed and sprinkled and kept in condition for the use of equestrian visitors to the parks, except when weather conditions prevented such work.

Advantage was taken of the cold weather during the latter part of the year to clean out the drainage basins on the shore of the large lake in Central Park, as well as the various basins on the walks and roads throughout the parks. The sewers connecting with the larger basins were also cleaned and the deposit removed.

The repair of rolling stock, tools and implements used in the work of the Department and of the apparatus used in the playgrounds and gymnasiums required the services of a large force of mechanics throughout the year in the department workshops at Eighty-sixth street in Central Park. In addition to the repair of broken parts, etc., many new sprinkling carts, road carts, etc., were made up and a large quantity of swings, seesaws, slides, etc., used in the playgrounds turned out by this force. New machinery was added in the carpenter shop, the use of which enables the department to do much work which formerly had to be done on order or contract by outside concerns. A great saving of time and money is thus saved to the City.



BASEBALL ON "THE GREEN," CENTRAL PARK.

During the latter part of the year a return was made to the practice of having the horses of the Department shod at the department shops by the department blacksmiths.

In addition to the work done in the repair shops a force of carpenters, painters, plumbers, tinsmiths and masons was constantly employed in making the necessary repairs to the property of the Department. The masons repaired the walks throughout the department where necessary; repaired or rebuilt sewer and drain basins and the concrete floors of the comfort stations; put in new curbing where required, etc. The carpenters repaired the settees used in the parks, put up sheds for swings, etc., in the playgrounds, erected the apparatus on the grounds, built the runways, scaffolding, etc., used in the work of the department, erected the skate buildings at the lakes and removed them at the close of the season, and attended to all repairs required to the various wooden structures of the department.

The painters were engaged in the painting of the various buildings, fences and other structures in the department as well as in the making and repairing of the signs which are displayed throughout the parks for the information and guidance of visitors.

The many repairs to the toilets and baths required the constant attention of the plumbing force throughout the year. In addition to this work many repairs were made to the water service of the department, such as the blowing out of drinking hydrants, the clearing of overflows, basins, etc.

The iron pipe and wire fences were repaired as required, the work being done by the iron workers, who also attended to the minor repairs required to the boilers, etc., of the heating apparatus of the department.

The work of hauling the rolling stock and other apparatus used in the daily work of the department was accomplished by the use of horses owned by the department. These horses, as well as the harness and other equipment, were cared for at the department stables, Eighty-sixth street, in Central Park, by a force of competent stablemen under the supervision of the Foreman of Stables. The rolling stock was kept at the various storage yards, where it was cleaned and cared for by the drivers under the supervision of the section foremen.

#### *The Conservatory.*

Almost all the plants and flowers used in the work of the department were propagated at its greenhouses at One Hundred and Sixth street, in Central Park. Thirty thousand geraniums, 30,000 coleus, 20,000 alternantheras, 20,000 begonias, 12,000 cannas and about 20,000 plants of miscellaneous varieties, such as coxcomb, salvia, asters, petunias, etc., were distributed for planting in the flower beds in the various parks. In addition there were raised about 12,000 plants, such as lilies, azaleas, roses, primroses, daisies, etc., for display in the Conservatory from November to May, when flowers are not to be seen out of doors. During this season of the year the Conservatory was open to the public daily from 10 a. m. to 5 p. m.

The annual Easter flower show was given this year, the display of lilies, azaleas, roses and other plants being up to the usual standard of former years.

In November the annual showing of chrysanthemums was given, many new and handsome varieties being included in the collection of 6,000, which were shown.

The popularity of the Conservatory among visitors to the park is attested by the crowds which visited it during the past season, the number attending the special shows at Easter and in the fall being unusually large.

The care of the Conservatory and propagating houses, as well as the planting and care of the flower beds and grass plots surrounding the greenhouses, required the constant employment of a large force of gardeners under the direction of an experienced foreman.

Additional propagating houses were erected during the year providing facilities for the propagation of many varieties of plants which formerly had to be purchased in the market.

#### *Public Recreation in the Parks.*

During the summer season the various lawns set aside for the use of the public for croquet, tennis, baseball, football and cricket were opened for the enjoyment of these sports under the usual regulations and restrictions. The grass on these lawns was cut and the tennis courts marked out and kept in order throughout the season by the department force.

Three hundred permits were issued during the season to play croquet on the ball ground, north meadow and the lawn around the circle at One Hundred and Sixth street, the west drive in Central Park and on the large lawn in Mt. Morris Park. Two thousand one hundred and fifty permits were issued for tennis in Central Park on the north meadow and the smaller ground north of the large reservoir.

Baseball for boys under sixteen years of age was permitted on the green in Central Park on Wednesdays, Saturdays and holidays during the summer season. In the fall the north meadow was opened for football, three hundred permits being issued for the use of the grounds for this sport.

Cricket was allowed on the north meadow during the season, permits having been issued to twenty teams for practice and match games.

The annual children's May parties were as numerous as in former years, permits having been issued providing for 200,000 children. This number does not, however, indicate the actual attendance as each party usually turns out a number far in excess of that specified in the permit. Some of the parties were exceedingly large, one consisting of over 10,000 children. For this party special permission was granted for the erection of large tents for refreshments and as shelter for the children.

#### *Entomological Work.*

The destruction of caterpillars, borers and other noxious insects and fungi which infect the trees in the parks required the services of a force of twenty or more laborers throughout the year under the direction of the Entomologist.





CHILDREN'S MAY PARTY, CENTRAL PARK.

During the winter months the trees were thoroughly cleaned with steel wire brushes and the cocoons and egg masses were removed as far as possible and destroyed. From April to November the trees were sprayed with a solution of arsenate of lead to destroy existing insects and to prevent their further spread.

A large number of trees were found to be infected with scale and in others the elm borer was encountered. The treatment for the former consisted in spraying with the arsenate solution during the spring and fall when the trees were devoid of leaf. For the elm borer bisulphite of carbon was injected into the holes made by the larvae. The affected trees were carefully examined from time to time and the treatment repeated until the insects were entirely destroyed. Where possible to do so without seriously affecting the appearance of the tree affected limbs and branches were removed and burnt.

The spraying solution used was prepared by the Department and was applied by means of power sprayers mounted on a light wagon, containing a tank with a capacity of one hundred and ten gallons and a small gasoline engine.

The experimental garden in Central Park was maintained throughout the year by the Entomologist. Flowers and plants of all kinds were grown and careful study made of the insects and diseases attacking them, and experiments made with a view to obtaining the best means of destroying or checking them.

*Zoological Department.*

Appropriation .....		\$32,000.00
Expenditures—		
Department payrolls.....	\$16,877.62	
Supplies, etc. ....	14,962.68	
		<hr/> 31,840.30
Unexpended balance.....		<hr/> \$159.70

The zoological collection has been augmented during the year by increases due to births among the animals and by the addition of the following-named specimens obtained by purchase, donation and exchange:

*Purchases.*

One female polar bear, 4 baboons, 3 green monkeys, 2 sacred monkeys, 12 alligators, 9 golden eagles, 1 bald eagle, 3 toucans, 1 Canadian goose, 23 white swans, 2 European storks, 2 Reeves pheasants, 4 Amherst pheasants, 3 golden pheasants. Total, 69.

The total cost of the above was \$1,118.57, of which \$500 was expended for the polar bear.

*Donations.*

Two Java sparrows, 2 parakeet, 7 monkeys, 4 horned owls, 1 screech owl, 1 rabbit, 3 alligators, 1 pea hen, 6 parrots, 8 guinea pigs, 6 gray squirrels, 1 prairie wolf, 6 canary birds, 1 snake.

*Exchanges.*

A fine specimen of the gnu antelope and ten Rhesus monkeys were obtained in exchange for a male lion, of which the collection had a surplus of specimens.

The births recorded during the year were as follows:

*Births.*

Three leopards, 1 Axis deer, 2 aoudad, 1 zebu, 4 fallow deer, 2 nyghau, 3 Wapiti deer (elk), 1 llama, 1 Java monkey. Total, 19.

Deaths among the animals number one hundred and five during the year, the greatest mortality being among the monkeys, as shown by the following list:

*Deaths.*

Twenty-nine monkeys, 2 marmoset, 2 polar bears, 1 cinnamon bear, 1 red deer, 1 elk, 1 Indian antelope, 1 black deer, 1 hyena, 1 wolf, 2 foxes, 1 leopard cub, 1 black leopard, 1 llama, 1 Cape buffalo, 2 aoudad, 12 white swans, 2 black swans, 6 geese, 1 peacock, 1 pea hen, 8 pheasants, 2 eagles, 11 parrots, 6 cockatoos, 1 macaw, 3 parakeets, 1 horned owl, 1 sea gull, 1 blackbird, 1 python.

*Recapitulation.*

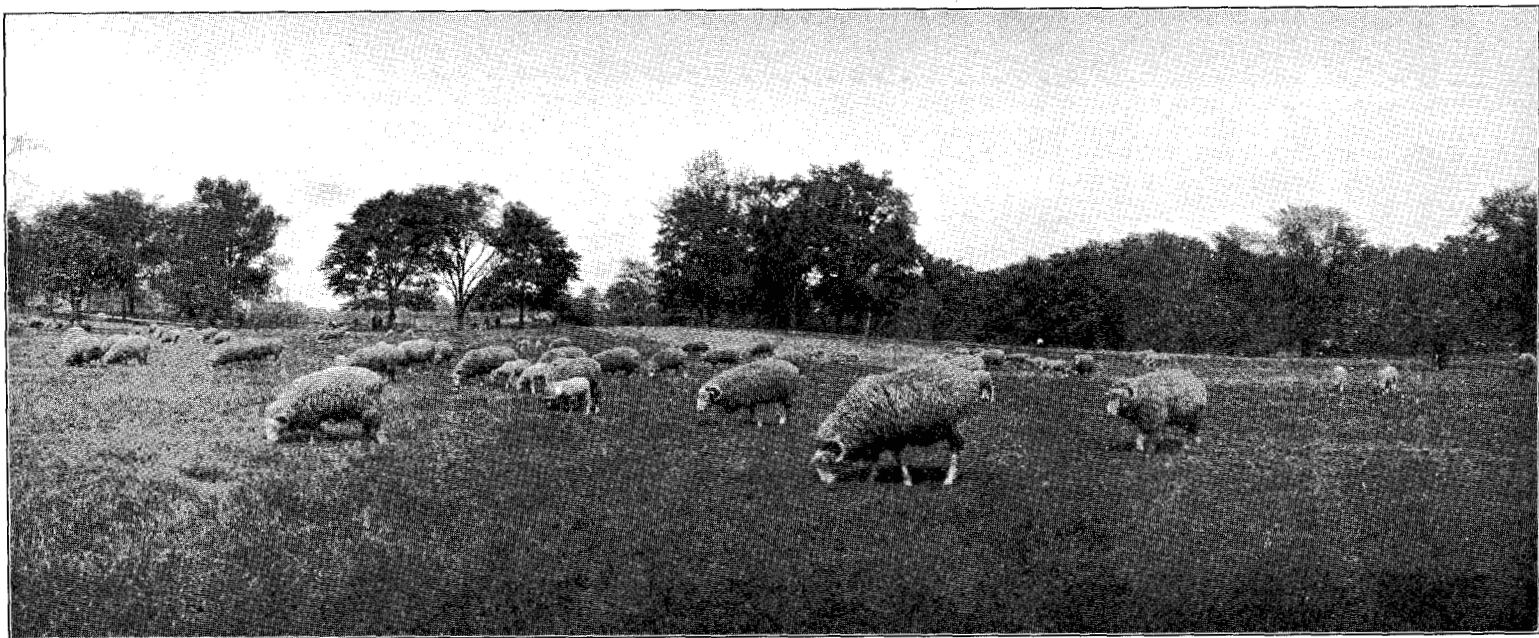
Increase by donations.....	53
Increase by births.....	19
Increase by purchases.....	65
Increase by exchanges.....	10
Total increase .....	147
Decrease by death.....	105
Net increase.. .....	42

At the annual sale for the disposal of surplus animals and stock eighteen Dorset ram lambs and twenty ewe lambs were sold; also one thousand pounds of wool and thirty-two pounds of camel hair. The proceeds of the same, amounting to \$556.20, were forwarded to the Comptroller for deposit to the credit of the fund for the purchase of specimens for the collection.

The following list comprises the collection at the present time:

*Zoological Collection, Central Park, December 31, 1907.*

Four lions (male), 3 lions (female), 1 tiger, 2 spotted leopards, 1 black leopard, 2 spotted leopard cubs, 2 hyenas, 1 puma, 5 wolves, 1 red fox, 3 gray foxes, 1 civet cat, 1 badger, 1 coati, 1 polar bear, 1 grizzly bear, 1 black bear, 1 Cape bear, 2 cinnamon bears, 1 peccary, 4 raccoons, 5 guinea pigs, 40 rabbits, 1 hedgehog, 4 squirrels, 15 alligators, 6 pythons, 50 prairie dogs, 2 mouflons, 2 elephants, 2 hippopotami, 1 rhinoceros, 4 African (Cape) buffalo, 5 American Buffalo, 3 camels, 5 red deer, 7 elk, 8 nyghau, 11 fallow deer, 7 zebu, 3 llamas, 4 axis deer, 4 aoudad, 2 mountain sheep, 1 oryx, 7



DORSET HORNED SHEEP, CENTRAL PARK.

Angora goats, 2 common goats, 1 Brazilian sheep, 1 donkey, 73 Dorset horned sheep, 20 Java monkeys, 17 Rhesus monkeys, 3 baboons, 1 black ape, 1 sacred monkey, 1 pigtail monkey, 2 ringtail monkeys, 3 green monkeys.

#### *Birds.*

Two white pheasants, 3 ringnecked pheasants, 4 Amherst pheasants, 1 Swinhoe pheasant, 4 silver pheasants, 3 golden pheasants, 2 Reeves pheasants, 2 guinea fowl, 10 macaws, 16 cockatoo, 7 parrots, 1 grass parakeet, 53 canaries, 10 Java sparrows, 8 cardinals, 1 ma, 4 robins, 3 starlings, 5 brown thrushes, 15 African and Japanese finches, 17 ring doves, 1 love bird, 2 turkeys, 4 Japanese robins, 1 muscovy duck, 1 pintail duck, 2 European storks, 3 peacocks, 2 gray parrots, 12 eagles, 5 chickens, 30 pigeons, 3 black swans, 20 white swans, 4 wild geese, 6 Canada geese, 183 assorted ducks, 3 white pelicans, 1 sand hill crane, 10 blackbirds, 1 woodpecker, 1 parrells, 1 mocking bird, 2 Griffon vultures, 6 Egyptian geese, 4 white hood nuns, 5 toucans, 1 sea gull, 2 Arctic geese, 1 Chinese goose, 3 brown geese, 2 snow geese, 1 horned owl, 3 white fronted geese.

#### *Animals and Birds Placed on Exhibition by Their Owners—Not the Property of the Department.*

One macaw, 1 parrot.

The principal items comprising the expenditure for supplies consist of forage, beef, fish, fruit, vegetables and other food for the animals and birds.

Wrought iron partitions were placed between the cages in the lion house to replace the old wooden partitions, which were in need of repair.

The ordinary repairs required to buildings, fences, etc., in the menagerie were attended to by the Department employees.

During the winter months peanuts were regularly distributed at various points through the wooded portion of Central Park to provide food for the squirrels which abound in that park.

The appropriation for the Metropolitan Museum of Art, American Museum of Natural History and the Aquarium, situated in the parks, but conducted by private corporations, were expended under the immediate supervision of the officials of those institutions, and a report of the work accomplished during the year is contained in their respective Annual Reports, which are published independent of the report of the Commissioner of Parks, under whose jurisdiction they are nominally placed.

The same is true of the appropriation for the care of Grant's Tomb, the funds being expended by the Grant Monument Association.

In addition to the work incidental to the care and maintenance of parks and parkways, the Department was enabled to carry on many works of improvement of a permanent character during the year, by the use of funds secured by the sale of

Corporate Stock of the City, authorized by the Board of Estimate and Apportionment for the specific improvement mentioned in each case.

The expenditures for such purpose during the year were as follows:

*Expenditures During 1907 from Funds Provided by the Issue of Corporate Stock.*

Title of Account.	Amount Expended.
Metropolitan Museum of Art in Central Park—Construction of an extension .....	\$267,832 54
American Museum of Natural History—Equipping, finishing and construction of additions thereto.....	163,033 06
New York Public Library Fund.....	873,171 18
Aquarium Building, Battery Park—Improvement of.....	8,129 99
Chelsea Park.....	1,418 38
Cathedral Parkway, Between Fifth and Seventh Avenues—Widening and improvement of.....	5,239 87
Riverside Park and Drive, Completion of Construction—Construction of viaduct over West Ninety-sixth street.....	1,368 30
Repaving with Asphalt, etc., West Eighty-sixth Street, from Central Park West to Riverside Drive.....	440 86
Restoration and Improvement of Jumel Mansion and Grounds.....	2,408 95
Improvement of Parks, Parkways and Drives, Boroughs of Manhattan and Richmond.....	23,762 65
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Completion of the work of installing a water supply for the Harlem River driveway.....	3,643 09
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Regrading and installing new drainage and water supply on Riverside Loop drive.....	77,862 52
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction of drainage system for City Hall Park.....	63,256 44
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction and equipment of a comfort station in the Ramble near Seventy-ninth Street Transverse road .....	139 56
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Completion of the improvement and construction of Colonial Park.....	24 40
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction of Colonial Park.....	28,397 41

Title of Account.	Amount Expended.
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction of new concrete and asphalt gutters on driveways and bridle roads of Central Park.....	50 95
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Concreting bottom and sides of Cen- tral Park lakes, and filling in where depth is too great.....	201 46
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction of additional greenhouses in Central Park for use of the propagation of plants and shrubs..	20,609 36
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Extension of high pressure water supply and irrigating system in Central Park.....	89,846 28
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Improving the drainage of Central Park .....	6,164 30
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction of the northely portion of John Jay Park north of East Seventy-seventh street, and im- provement of section north of East Seventy-seventh street.....	478 59
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Installation of an improved water sup- ply for the Harlem River Driveway.....	20,729 22
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction and improvement of St. Nicholas Park, between One Hundred and Thirtieth and One Hundred and Thirty-fifth streets, etc.....	37,602 86
Improvement and Construction of Parks, Parkways, Playgrounds, Boulevards and Driveways—Construction of repair yard, storage sheds, manure pit and refuse incinerating plant in the North Meadow, Central Park.....	16,326 74
Total.....	<u>\$1,712,138 96</u>

The greater part of this work was done under contracts awarded to the lowest bidders at public letting, all the work in connection therewith being under the immediate supervision of the Chief Engineer of the Department and his staff, with the exception of the work on the buildings of the Metropolitan Museum of Art, American Meseum of Natural History, Aquarium and the New York Public Library, which was supervised by the architects appointed by the Park Board specially for that work.

The work done under the supervision of the Chief Engineer is as follows:

#### CONSTRUCTION WORK.

##### *New Water Supply and Irrigation System for Central Park.*

About fifty years ago the Central Park was equipped with a water supply system. The pipe used was of the sheet iron lined cement covered style, and had outlived its usefulness many years ago. It was absolutely impossible to fill the water barrels in certain sections, as the pipes were split and leaky and no pressure could be turned on. One hundred thousand dollars was made available and the work of installing a new cast iron main with wrought iron branches, road hydrants, drinking hydrants, fire hydrants, street washers and other appurtenances, was begun. One contract covered the territory between Fifty-ninth and Seventy-second streets, Fifth avenue and the Centre Drive; the other contract embraced the territory along the East Drive to One Hundred and Tenth street and the branch drive connecting the east and west drives in the vicinity of One Hundred and Fifth street.

A four-inch main was also laid to supply the propagating houses and Conservatories with water.

In executing the work great care had to be taken in determining the lines and grades, etc., so that the shrubbery and trees would not be disturbed and the general landscape of the park would not be affected. The system, especially the lower one between Fifty-ninth and Seventy-second streets, is equipped in such a manner with stop-cocks that in case of a break in any part of the main but five hundred feet of the same would be out of commission, and the remaining section of the park would receive a full supply of water.

A further appropriation amounting to \$192,000, has been asked for to complete the service.

The amount of work done on the contracts for laying this water main was as follows:

##### *New System Between Fifty-ninth and Seventy-second Streets.*

Cubic yards of excavation.....	8,765
Cubic yards of refilling in trenches.....	8,765
Tons of straight cast iron pipe furnished.....	285
Tons of special cast iron pipe furnished.....	15
Linear feet of 4-inch cast iron pipe laid.....	7,844
Linear feet of 6-inch cast iron pipe laid.....	752
Linear feet of 8-inch cast iron pipe laid.....	1,037
Linear feet of 10-inch cast iron iron pipe laid.....	4,218
Linear feet of 2½-inch cast iron pipe laid.....	3,680
4-inch stop-cocks set in brick vaults.....	25
6-inch stop-cocks set in brick vaults.....	3



8-inch stop-cocks set in brick vaults.....	1
10-inch stop-cocks set in brick vaults.....	11
2½-inch stop-cocks set in brick vaults.....	74
Street washers set.....	12
Drinking hydrants set.....	4
Flush hydrants set.....	26
Fire hydrants set.....	3
Cubic yards of mould deposited in place on lawns.....	675
Square feet of sod laid.....	36,476
Cubic yards concrete deposited in place at bends and specials.....	14

*System North of Ninety-seventh Street.*

Cubic yards of excavation.....	5,484
Cubic yards of filling in trenches.....	5,484
Tons of cast iron straight pipe furnished.....	205
Tons of cast iron branches and special pipe furnished.....	11
Linear feet of 4-inch cast iron water pipe laid.....	853
Linear feet of 6-inch cast iron water pipe laid.....	3,161
Linear feet of 8-inch cast iron water pipe laid.....	2,166
Linear feet of 10-inch cast iron water pipe laid.....	2,339
Linear feet of 2-inch wrought iron pipe furnished and laid.....	2,450
4-inch stop-cocks set, including brick vaults.....	9
6-inch stop-cocks set, including brick vaults.....	7
8-inch stop-cocks set, including brick vaults.....	5
10-inch stop-cocks set, including brick vaults.....	6
12-inch stop-cocks set, including brick vaults.....	34
2½-inch stop-cocks set, including galvanized iron boxes.....	50
Street washers set.....	6
Drinking hydrants set.....	4
Flush hydrants set.....	19
Fire hydrants set.....	4
Cubic yards of mould deposited in place in lawns.....	230
Square feet of sod laid.....	12,446
Cubic yards of concrete deposited where required at bends and specials.....	14

*New Sewer from Comfort Station in Ramble to City Sewer.*

Many years ago a comfort station was erected in the Ramble immediately adjacent to the transverse road crossing the park at Seventy-ninth street. The conditions of this comfort station were found unsanitary, the entire building was found to be in a dilapidated condition, and a request was made for the necessary funds with which to construct a new building. This money was made available and the Architect of the

Department is now preparing the necessary plans, specifications, contracts, etc., covering the erection of the same.

In order to properly drain this building it was found necessary to construct a new sewer from the site of the said new cottage or comfort station to the existing brick sewer near the east drive at Seventy-ninth street. Under a contract a 12-inch pipe sewer and appurtenances from the cottage in the Ramble through the Seventy-ninth street transverse road was built. The work done in connection with this contract follows:

Cubic yards of excavation of all kinds in trenches, etc.....	600
Cubic yards of back-filling in trenches, etc.....	500
Linear feet of 12-inch vitrified drain pipe furnished and laid with a concrete casing .....	756
Manholes built complete.....	18
Linear feet of 2-inch wrought iron pipe furnished and laid with connections to the water main in the transverse road and with the necessary valves...	250
Square feet of sod furnished and laid.....	5,000

In connection with the work embraced in this contract a number of new manholes were built upon the Croton waste sewer discharging the overflow from the reservoir into the lakes. In order to avoid a repetition of the difficulty encountered in cleaning the sewer ten manholes were constructed on the line of the same with three-foot silt chambers. Through this new construction ample provision is made as to taking care of the silt, and the sewer proper can be cleaned out from manhole to manhole by means of drag chains.

*Improving the Entrance at Sixty-sixth Street and Central Park West.*

At the time the new bridle road, drive and walk entrance was constructed at Sixty-sixth street and Central Park West, the plaza opposite the centre of Sixty-sixth street and connecting Eighth avenue with the transverse road was paved with a gravel superstructure on a telford foundation. The general flat grade to which this plaza was constructed prevented a free flow of water, and the heavy rains softened the surface to such a degree that the heavy trucking cut up the roadway and made it practically impassable for pedestrians in wet weather.

The improvement of this entrance included the regrading of the plaza, the laying of asphalt block pavement, the setting of bluestone curb, the building of new basins, the relaying of sidewalk pavements and the adjustment of the roadway bridle road and walk to meet the new plaza. The work done follows:

Linear feet of 6-inch axed bluestone curbstones furnished and set upon a concrete foundation .....	104
Linear feet of 10-inch vitrified drain pipe furnished and laid.....	75
Receiving basin built complete.....	1

Cubic yards of excavation of roadway pavement.....	130
Square yards of roadway pavement of asphalt blocks with concrete foundation furnished and laid.....	750
Square feet of sidewalk pavement of rock asphalt mastic with concrete base and rubblestone foundation furnished and laid.....	1,500
Square yards of granite block pavement taken up and relaid.....	9
Square yards of macadam road regraded and restored.....	100
Linear feet of asphalt block gutter taken up and relaid.....	100

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#### *St. Nicholas Park.*

The work of improving that portion of St. Nicholas Park between One Hundred and Thirty-fifth and One Hundred and Forty-first streets, St. Nicholas avenue and St. Nicholas terrace, was begun in 1906 and was prosecuted to a practical completion in 1907. The entire territory between One Hundred and Thirtieth and One Hundred and Forty-first streets, St. Nicholas avenue and St. Nicholas terrace, and the four City blocks between One Hundred and Thirty-sixth and One Hundred and Thirty-eighth streets, St. Nicholas terrace and Amsterdam avenue, were set aside for park purposes.

On April 1, 1907, work on improving the section between One Hundred and Thirtieth and One Hundred and Thirty-fifth streets was begun, and this part of the park, it is safe to state, will be completed before July 1, 1908.

The park treatment in general is carried on in similar lines to that of Morning-side Park. Great care has been taken to maintain the original topography and rock features. Where it was necessary to build steps along or through a rock cut the excavation of the rock was carried on in such a manner that the treatment would be rustic. The entire park is also equipped with a complete water supply and irrigating system, which will prove beneficial in the summer season for watering lawns, trees, shrubs, etc.

As St. Nicholas terrace, which is separated by a retaining wall along the westerly side of the park between One Hundred and Thirtieth and One Hundred and Forty-first streets, is from five to thirty feet above the general top of the slope of the park it will be necessary to construct bays and entrances so that pedestrians may reach the park from the terrace, or vice versa.

Plans have been prepared for the construction of these bays, entrances and comfort stations, and \$100,000 has been appropriated, but owing to the financial condition of the City the work has not been ordered on.

The amount of work performed on the contracts for improving this park for the year was as follows:

#### *North of One Hundred and Thirty-fifth Street.*

Cubic yards of earth excavation.....	3,500
Cubic yards of rock excavation.....	670

Rustic rocks cut, doweled and bedded.....	173
Cubic yards manure spread on lawns.....	3,430
Cubic yards mould spread on lawns.....	13,650
Square feet sod laid on slopes and lawns.....	317,500
Walk basins built.....	39
Surface basins built.....	7
Linear feet 6-inch vitrified pipe laid in concrete.....	1,600
Linear feet 8-inch vitrified pipe laid in concrete.....	545
Linear feet 10-inch vitrified pipe laid in concrete.....	180
Linear feet 12-inch vitrified pipe laid in concrete.....	255
Manholes built .....	6
Linear feet 3-inch porous tile pipe laid in broken stone.....	5,100
Linear feet 4-inch cast iron pipe laid.....	1,100
Linear feet 2-inch galvanized pipe laid.....	660
Linear feet 6-inch vitrified pipe laid (blow offs).....	185
Gate vaults built.....	3
4-inch gates set.....	2
2-inch gates set.....	29
Linear feet 1-inch lead pipe connections.....	170
Lawn sprinklers set.....	29
Linear feet bluestone curb set.....	45
Linear feet bluestone edging set.....	750
Square feet asphalt walk laid complete.....	77,300
Square feet 8-inch rubblestone and 3-inch concrete laid.....	6,000
Square feet 8-inch rubble laid.....	15,000
Cubic yards rubblestone masonry built.....	610
Linear feet bluestone steps furnished and set.....	3,945
Linear feet bluestone cheeks furnished and set.....	1,086
Linear feet bluestone steps reset.....	105
Linear feet new picket fence furnished and erected.....	210
Linear feet old picket fence repaired and painted.....	1,230
Linear feet 3-rail pipe fence with mesh erected.....	2,030
Linear feet 2-rail pipe fence with mesh erected.....	2,050

*South of One Hundred and Thirty-fifth Street.*

Cubic yards earth excavation.....	5,730
Cubic yards rock excavation.....	975
Cubic yards manure spread.....	1,500
Cubic yards mould spread.....	5,560
Walk basins built.....	50
Surface basins built.....	15

Receiving basin built.....	1
Linear feet 6-inch vitrified pipe laid in concrete.....	901
Linear feet 8-inch vitrified pipe laid in concrete.....	1,118
Linear feet 10-inch vitrified pipe laid in concrete.....	383
Linear feet 12-inch vitrified pipe laid in concrete.....	300
Manholes built .....	12
Linear feet 3-inch porous tile drain laid in broken stone.....	1,200
Linear feet 4-inch cast iron pipe laid.....	2,820
Linear feet 2-inch galvanized pipe laid.....	250
Linear feet 6-inch vitrified pipe laid in blow-offs.....	185
Gate vaults built.....	6
4-inch gates set.....	12
2-inch gates set.....	2
Linear feet bluestone edging set.....	990
Square feet asphalt walk complete.....	18,600
Square feet 8-inch rubblestone laid.....	51,000
Cubic yards rubblestone masonry built.....	775
Linear feet bluestone steps set.....	4,020
Linear feet 3-rail fence (pipe) erected.....	900
Linear feet 2-rail fence (pipe) erected.....	1,000

#### *Colonial Park.*

Work on improving, laying out and parking a portion of Colonial Park north of One Hundred and Forty-ninth street was begun on April 20, 1907.

Colonial Park is bounded by One Hundred and Forty-fifth street on the south, One Hundred and Fifty-fifth street on the north, Bradhurst avenue on the east and Edgecombe avenue on the west. The original topography of the park is similar to that of Morningside and St. Nicholas Parks. A high retaining wall forms the westerly boundary, and the slope is rocky and hilly and in places very steep to the valley along the easterly boundary. The width of the park, generally speaking, is 225 feet, and the difference in elevations between top and bottom slope varies from thirty to seventy feet.

The treatment of this park is to be similar to that of Morningside and St. Nicholas Parks. A walk is to be constructed along the retaining wall of Edgecombe avenue, and a second main walk is to be laid out in the valley along Bradhurst avenue. Intersecting or connecting walks with flights of steps are to be built, connecting the lower part with the upper section. Bays, approaches and entrances are to be built under future contracts.

As the general underlying formation is rock, the park is to be equipped with a complete water supply and irrigating system, so that the lawns and shrubs as well as trees may be properly maintained. This water supply system is costly and as the

older constructions are not provided with it, the department in the older constructions is confronted yearly with an item of considerable expense for hauling water, etc., for sprinkling lawns and watering trees, shrubs, etc.

The section under construction is from One Hundred and Forty-ninth street north. Money has been made available and plans are now being prepared, as also the necessary specifications, form of contract and working drawings, covering the work of improving Colonial Park south of One Hundred and Forty-ninth street.

The amount of work done on the contract north of One Hundred and Forty-ninth street to December 31 was:

Cubic yards of earth excavation.....	1,600
Cubic yards of rock excavation.....	900
Cubic yard of filling in place.....	4,000
Cubic yards of manure spread on lawns and spaded in.....	1,050
Cubic yards of mould spread on lawns.....	4,420
Walk basins built complete.....	33
Surface basins built complete.....	11
Receiving basin built complete.....	1
Linear feet of 6-inch drain pipe in concrete casing laid.....	790
Linear feet of 8-inch drain pipe in concrete casing laid.....	1,950
Linear feet of 10-inch drain pipe in concrete casing laid.....	400
Linear feet of 12-inch drain pipe in concrete casing laid.....	250
Manholes built complete.....	10
Linear feet of 3-inch porous tile pipe laid.....	800
Linear feet of 2-inch edging set.....	1,175
Square feet of asphalt walk laid.....	62,000
Cubic yards of rubble masonry built.....	411
Linear feet of bluestone steps set.....	2,990
Linear feet of bluestone cheeks set.....	490
Linear feet of 3-rail pipe fence erected.....	1,100
Linear feet of 2-rail pipe fence erected.....	2,500
Linear feet of bluestone curbstone on concrete foundation set.....	476
Square yards of granite block pavement on concrete foundation laid.....	427
Linear feet of 4-inch cast iron pipe laid.....	1,400
Linear feet of 2-inch wrought iron pipe laid.....	1,700
4-inch gates in brick vaults set.....	5
2-inch stop-cocks in boxes set.....	15
Street washers set.....	5
Brick basins for drinking hydrants built.....	4
2-inch Smith connection with 12-inch main made.....	1
Water meter set.....	1

*Thomas Jefferson Park.*

A sufficient sum of money was made available for preparing tree plots and planting trees in Thomas Jefferson Park.

Excavations were made and pits dug, and all the material thus excavated removed. The pits were then filled with garden mould and the trees set out after the ground had been properly treated with fertilizer.

In constructing these tree plots the amount of work done was:

Cubic yards of earth excavation removed.....	1,668
Cubic yards of mould furnished and deposited in tree pits.....	1,387
Square feet of sod laid.....	5,828

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*DeWitt Clinton Park.*

Money was appropriated to plant trees in DeWitt Clinton Park. In order to perform the work in such a manner that the success of planting could be practically guaranteed, pits were dug to a depth of from four to six feet, and from eight to twelve feet in diameter. The excavated material was removed, top soil or garden mould was deposited in place, the trees were then planted after the ground had been properly treated with fertilizer, and the area over the pit was resodded.

The amount of work performed on this contract was as follows:

Cubic yards of earth excavation removed.....	1,420
Cubic yards of rock excavation removed.....	170
Cubic yards of mould deposited in place in pits.....	1,316
Square feet of sod laid.....	7,058

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*St. Gabriels Park and Manhattan Square.*

Embraced in one contract covering St. Gabriel's Park and Manhattan Square was the work of constructing tree pits in a manner similar to those made in DeWitt Clinton and Thomas Jefferson Parks. Pits were dug to a depth of from four to six feet, and the material excavated was removed. These were then filled in with fresh garden mould or top soil treated with fertilizer, and the trees were planted. The area was then properly sodded over.

The work done was as follows:

Cubic yards of excavation of all kinds removed .....	1,392
Cubic yards of mould deposited in pits.....	1,107
Square feet of sod laid.....	7,553

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*Repairing Walks in Central and City Parks.*

The walks of many of the City parks had become dangerous to travel, and it was necessary to resurface them. A contract was entered into for paving and repav-

ing with rock asphalt mastic, where directed, the walks of the Central and other parks in the Borough of Manhattan. The estimated amount of work to be done was 250,000 square feet of pavement of rock asphalt mastic wearing surface, and 1,200 cubic yards of concrete in foundations. Work on this contract was begun late in the summer, and will be completed in the early spring of 1908.

The parks which have been repaved are Tompkins Square, Jackson Square, Washington Square, Stuyvesant Square, the entrance or bay at One Hundred and Thirteenth street and Morningside Avenue West, Canal Street Park and small patches in other city parks. The work which has been done up to the close of the year follows:

Square feet of rock asphalt mastic wearing surface laid.....	185,000
Cubic yards of concrete in foundations.....	117

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#### *Cathedral Parkway.*

A contract for erecting tree guards and for furnishing and erecting two-rail pipe fences with wire mesh screen facing and cresting around the tree plots in Cathedral parkway, between Fifth avenue and Riverside drive, was executed, and work on the same was begun in June. The work was made necessary, owing to the fact that the trees in their unprotected state were being considerably damaged. It is the intention, upon the completion of erecting these mesh fences, to sod the plots and add to the artistic effect and general appearance of the parkway.

The work done up to close of work December 31 follows:

Tree guards erected.....	172
Linear feet (enclosing 166 plots) of two-rail pipe fence with finials and cresting and wire mesh screening erected.....	8,200

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#### *Repaving Fifth Avenue.*

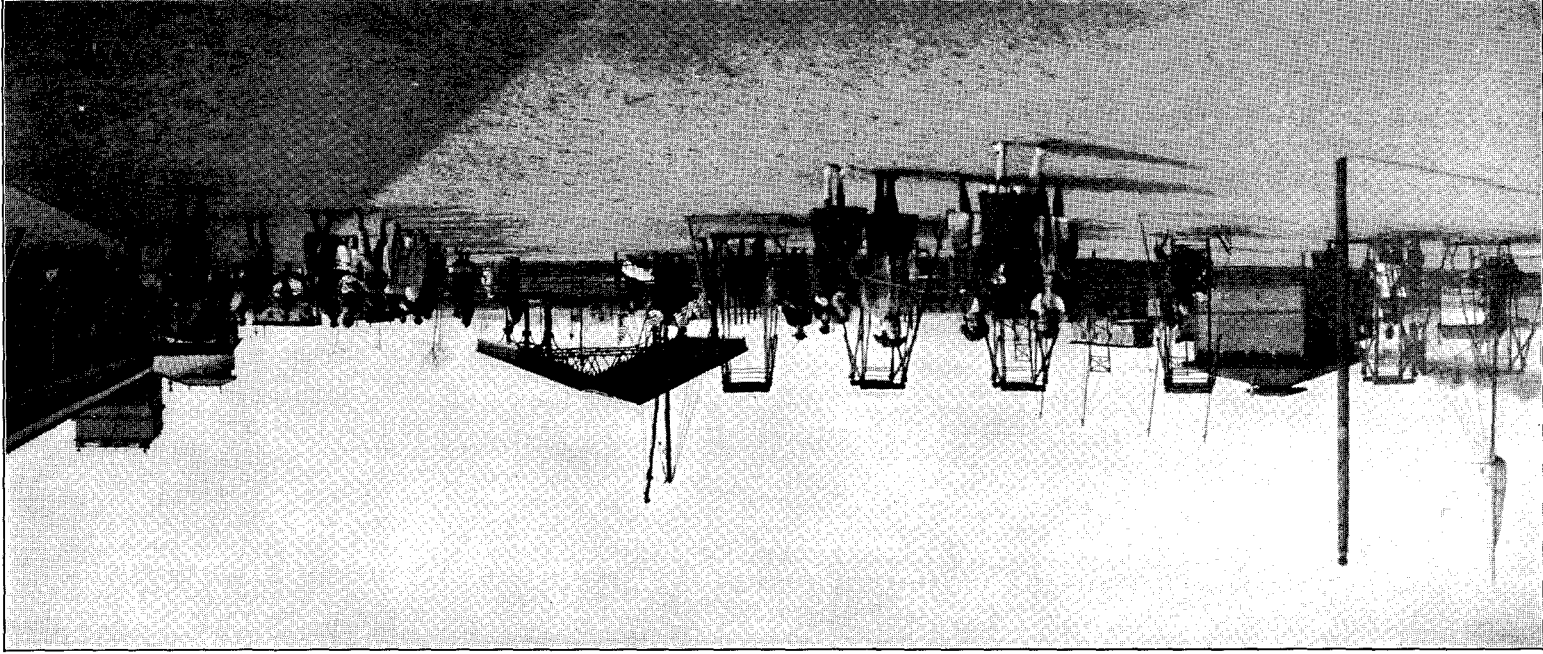
The asphalt roadway pavement of Fifth avenue (one of the streets or avenues under the jurisdiction of this Department) for a portion of the distance, was found to be absolutely beyond repair, dangerous to traffic and the source of many complaints. The Department received an appropriation sufficient to repave this avenue between Ninetieth and One Hundred and Tenth streets, and Fifty-ninth and Sixtieth streets.

The plans and specifications covering the work to be embraced in a contract for "Paving with sheet asphalt upon a concrete foundation the carriageway; for furnishing and setting where required new curbstones and resetting elsewhere the existing curbstones, and for alterations to the drainage between Fifty-ninth and Sixtieth streets, and Ninetieth street and the Plaza at One Hundred and Tenth street," were prepared, bids were received and the contract awarded.

The work could not be fully completed as the contracts were not awarded until the latter part of the year, but the early completion of the work in 1908 is guaranteed.



PLAYGROUND, SEVENTEENTH STREET AND EAST RIVER.  
(General View After Completion of Improvement.)



The work embraced in the contract done up to date follows:

Cubic yards of excavation of all kinds.....	3,900
Cubic yards of concrete desposited as a foundation for wearing surface.....	1,233
Manholes with noiseless covers set.....	20
Square yards of asphalt roadway pavement laid.....	11,100
Linear feet of new 5-inch bluestone curb set on concrete base.....	2,600
Linear feet of present curb taken up, redressed and reset.....	1,980
Receiving basins built complete.....	3

*Harlem River Driveway.*

For many years the water supply for the Harlem River Driveway from One Hundred and Fifty-fifth street to Dyckman street was obtained by means of leading water from the mains at Amsterdam avenue through 1½-inch wrought iron pipes laid on the rocks and general surface of the ground to the Speedway proper. It is needless to say that the service thus obtained was entirely inadequate, and considerable time was lost in obtaining the water necessary for sprinkling purposes.

A sum of money, \$25,000, was made available and a new system, a 6-inch cast iron water main, was laid from the junction of Dyckman street and the Public Driveway to, practically speaking, High Bridge. Road hydrants were set every 500 feet, drinking fountains, watering troughs, street washers, lawn sprinklers, blow-offs and other appurtenances were installed and the svstem from High Birdge north is now fully complete in its equipment.

A further appropriation of \$25,000 for the completion of the system between One Hundred and Fifty-fifth and One Hundred and Seventy-fifth streets was made and the contract was awarded, but owing to the lateness of the season no work will be done on the same until 1908.

The work done in connection with this contract follows:

Cubic yards of excavation of all kinds.....	3,067
Cubic yards of filling deposited in trenches.....	3,067
Tons of straight 6-inch cast iron pipe furnished.....	102
Tons of 6-inch cast iron specials, bends, etc., furnished.....	5
Linear feet of 6-inch cast iron pipe laid.....	5,666
Linear feet of 2-inch wrought iron pipe furnished and laid.....	1,234
6-inch stop-cocks set, including brick vaults.....	9
2-inch stop-cocks set, including brick vaults.....	45
Street washers set.....	23
Horse trough set.....	1
Road hydrants set.....	7
Air cocks set.....	5
Cubic yards of mould deposited in place in lawns.....	219
Square feet of sod laid.....	14,166
Cubic yards of Portland cement concrete deposited in place.....	21

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

The asphalt roadway pavements under the jurisdiction of this Department were kept in proper repair, and the total amount of work done on the maintenance of same for the year was 14,700 square yards of wearing material laid.

*Storage Sheds and Manure Pit, Central Park.*

A contract was let in April for the construction of storage sheds and manure pit and refuse incinerator at the Department yard at Ninety-seventh street, in Central Park. The work was completed in October. The new sheds furnished much needed facilities for the proper storage of the Department rolling stock, while the manure pit affords a means of preparing an increased supply of rotted manure for use in fertilizing the lawns, thereby saving the City a great deal of money, as formerly this manure was stacked in a pile in the yard and only a comparatively small quantity could be handled. The incinerator is designed to burn up the refuse paper, wood, etc., collected in the park which formerly was burned in the open or sent to the scows of the Street Cleaning Department.

The cost of the plant approximates \$20,000.

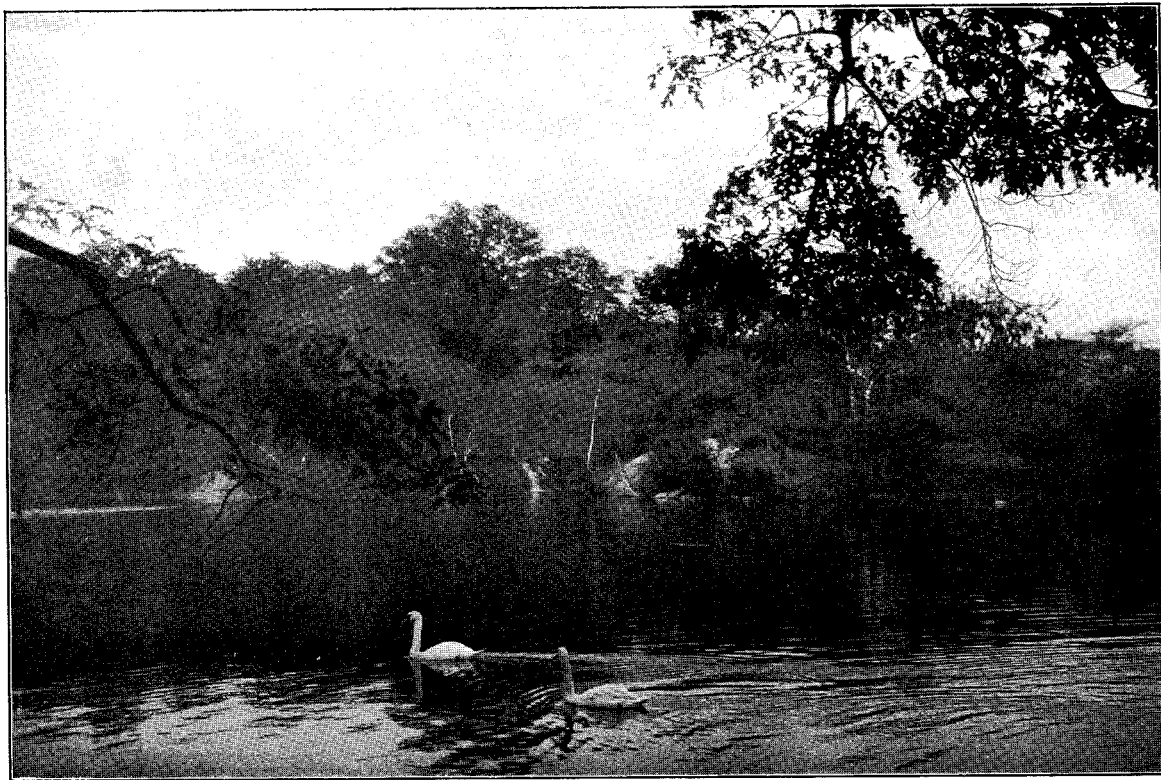
*Construction of Additional Greenhouses in Central Park.*

The Department green houses in Central Park were enlarged during the year by the addition of two propagating houses at a cost of about \$24,000, the work being done under contract. The new houses provide facilities for the propagation of a large additional supply of plants used in the flower beds in the parks, and which formerly had to be purchased in the open market.

The following work was done by the labor force of the Department under direction of the Superintendent:

*Playground at East Seventeenth Street Park.*

The playground in the small park at Seventeenth street and the East River had been closed for a year on account of the unsanitary condition of the ground. This condition was due to the fact that the space set apart for the playground was located on hollow ground without proper drainage. As a result, the water which collected during storms was held on the ground, creating an unwholesome condition and making it unfit for the children to play in. In remedying the difficulty the old sand surfacing and material in general was removed to a depth of one foot. A foundation of broken stone was laid to a depth of four to five inches, upon which was distributed a surfacing material of gravel and cinders. Before this broken stone and surfacing material was placed in position, the whole area of the playground was regulated and underdrained with three-inch porous tiles. This drainage was led into a new three-foot surface basin and connected by means of eight-inch vitrified drain pipe with the City sewer in Avenue C. There has been no further trouble



SHORE OF LAKE, CENTRAL PARK.  
(Showing Outlet for Waste Water from City Reservoir.)

at this point and the playground is in full use and all the defects have been remedied.

The quantity of work done on this improvement was:

Cubic yards of excavation.....	200
Cubic yards of broken stone.....	100
Cubic yards of gravel.....	100
Linear feet of 8-inch drain pipe.....	75
Surface basin .....	1
Linear feet of 3-inch porous tile pipe.....	470

*Triangular Plot, One Hundred and Thirty-eighth Street and Broadway.*

The small triangular plot bounded by One Hundred and Thirty-eighth street, Hamilton place and Broadway, the unimproved condition of which was the source of continued complaint, was partially improved. The necessary excavation was made and telford and concrete foundations laid for the walks. Mould was deposited and shaped in accordance with the plan furnished by the Chief Engineer, the various quantities being as follows:

Cubic yards of excavation of all kinds.....	650
Cubic yards of mould furnished and spread.....	160
Square feet of 8-inch rubblestone foundation for walk laid.....	4,200
Linear feet of 3-rail pipe fence erected.....	590

The work will be completed in the early spring by the laying of the sod on lawns and the concrete foundation and asphalt wearing surface for walks.

*Morningside Park.*

The old toolhouse on the Manhattan avenue side of Morningside Park, opposite One Hundred and Fourteenth street, was removed and the ground where it stood, as well as that portion of the park surrounding it, was graded and sodded and the work completed by the planting of trees and shrubs. The work completed the improvement of the park for its entire length on the east front.

Upon the completion of the work a new portable toolhouse was purchased and erected near the base of the retaining wall of the park, on Morningside avenue, the site being chosen so as to render the house inconspicuous in the general landscape effect. Tall shrubs were planted to further screen the house from the public view.

*Cleaning Lakes, Central Park.*

During the cold weather the last quarter a portion of the labor force was put on the work of cleaning the bottoms of the lakes in Central Park. Runways were built on the shores of the pond at Fifty-ninth street, the large lake at Seventy-second

street and the stream connecting the pool at One Hundredth street with the Harlem Meer, and the mud and sewage was shoveled into wheelbarrows and wheeled to the shore, where it was put into carts and hauled to the dump. Hundreds of loads of mud and sewage had been removed in this manner from the lakes when the work was stopped owing to pressure of more important work.

*Improvement of Sewer System, Central Park.*

In cleaning the sewer carrying the overflow from the storage reservoir in Central Park it was found that the branch sewer running from the main sewer to the large lake had become completely filled with silt, the accumulation of years, and was therefore useless. This sewer is of brick and is about two thousand feet long, and as no manholes were provided at the time it was built it was necessary to break into it at various points in order to clean it. Great difficulty was encountered in doing the work, the silt being packed so hard as to make it almost impossible to force an iron rod through it. This was finally accomplished and drag chains used to free the mass which clogged the sewer and enable the men to remove it. The waste water which had been carried into the city sewer at Seventy-ninth street was then diverted through the branch sewer into the large lake; the outlet at the lake was reconstructed so as to allow the water to fall some distance over the rocks, thus adding a picturesque feature to the scenery along the shore as well as furnishing an added supply of fresh water into the lake.

*Grading at Manure Pit, Central Park.*

A force of laborers, teams and carts was put on the work of removing the material excavated by the contractors in the erection of the new storage sheds and manure pit at Ninety-seventh street, Central Park, and in grading, etc., the ground surrounding the fence enclosing the yards. Mould was carted and spread and trees and shrubs planted to complete the work of improvement.

*New Drainage, Central Park.*

At many points in the park pools of water collected on the low lying lawns after every storm, rendering them unsightly. To remedy this condition it was found necessary to reconstruct or lay new agricultural tile drainage in various parts of the park, to construct new drainage system and to build basins to take care of the surface drainage.

The territory improved was at Seventy-ninth street and Fifth avenue, Ninety-third street and Eighth avenue, Seventy-second street at the Webster statue, Seventy-second street near Fifth avenue, Seventy-first street near Eighth avenue, between Fifth and Sixth avenues in Central Park near Fifty-ninth street, east of the West Drive near the Swedish schoolhouse, and between the West Drive and Eighth avenue, opposite Ninety-third street.

The work done at the various locations follows.

Surface basin built.....	1
Road basin built.....	1
Linear feet of 8-inch drain pipe laid.....	450
Linear feet of 6-inch drain pipe laid.....	30
Linear feet of agricultural tile drains laid in broken stone cradle.....	3,575

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*Recess for Equestrians at Sixty-sixth Street, Central Park.*

In response to the repeated applications from the many equestrians using the Sixty-sixth street entrance to the park, for a recess adjacent to the entrance where they could mount and dismount without being subjected to the continued gaze of a crowd of inquisitive visitors to the park, work was started to widen the bridle path near the entrance for the purpose of constructing such a recess. The bank bordering the path on the west was excavated to form a recess about twenty feet in depth and about sixty feet wide. The floor of the recess was surfaced with fine gravel, gutters were laid to carry off the drainage and tall shrubs were planted to shut off the view of the recess from the adjoining walk.

*Cooper Square Park.*

The many complaints which had been received as to the defacing of the Cooper statue in Cooper Square Park, and the difficulty which had been experienced in keeping the walks and grass plots of this park in a cleanly condition, necessitated a change in the plan of the park. The walks were taken up and the spaces filled with mould and sodded, and the openings in the fences were closed so as to make a continuous fence enclosing the entire plot.

*Resoiling, etc., of Central Park.*

During the year considerable work was done by the labor force to restore the lower portion of Central Park to proper conditions, as to soil and plantations. Some seventeen thousand cubic yards of fertile mould, obtained on contract from sources outside the park, were spread upon the lawns and slopes of that portion of the park where the soil was found to be in poor condition, from six inches to two feet of mould being deposited according to the conditions encountered. This was shaped and graded and trees and shrubs and vines were planted. The greater portion of this work was done in the Ramble, and the section on the east side of the park, from Seventy-second to Seventy-ninth street. In connection with this work the old lily pond to the north of the Conservatory Lake was filled in and the ground graded and sodded.

About 7,500 shrubs were planted in this section, the principal varieties being rhododendron maximum, of which 1,500 were planted in the Ramble; 700 lonicera fragrantissima and morrowii, 300 cornus florida, 300 Philadelphus grandiflora, 300 ligustrum regelianum, 300 crataegus in varieties, and various quantities of other shrubs comprising about 30 varieties.

About 150 trees were planted in addition to the above named shrubs, principally American elms and lindens and Norway maples.

About 9,000 vines were planted to cover the ground at points where the dense foliage of the trees made it impossible to raise grass or maintain a lawn. The principal varieties planted were: 3,000 xanthoriza, 3,500 Ionicera, 1,000 English ivy, 1,000 euonymous radicans, 200 hypericum, and small quantities of other varieties.

*Tree Planting in Parks Outside Central Park.*

The planting of Thomas Jefferson Park, DeWitt Clinton Park and St. Gabriels Park was accomplished during the year by the Department force.

In Thomas Jefferson Park 75 elms, 47 American ash, 14 pin oaks, 6 horse chestnut, 3 tulip trees and 10 European linden trees were planted.

In DeWitt Clinton Park, 60 American elms, 38 American ash were planted.

In St. Gabriels Park, 55 American elms, 3 Norway maples and 2 American lindens were planted.

In addition to the above there were planted in Manhattan square, 22 pin oaks, 17 Norway maples, 5 American lindens and 11 plane trees.

*Grading, etc., Chelsea Park.*

A force of men was employed in Chelsea Park during the latter part of the year. The old cellar walls and foundations of the buildings which had been removed were levelled and the work of filling the plot with clean earth was started and the plot fenced, so as to permit of its being used as a playground during the following year.

The work done during the year in connection with the improvement of the buildings, etc., used by the various public institutions within the parks is as follows:

*Metropolitan Museum of Art.*

During the year work was continued under the contract for the erection of Addition E, the payments to the contractor for completed work amounting to \$181,611.

The main building fronting Fifth avenue was improved by the installation of a skylight in the roof of the Hall of Statuary, in order to furnish proper light upon the exhibits stored there. The cost of the improvement approximated \$40,000, including architect's fees.

Contracts amounting to approximately \$425,000 were let and executed for the necessary excavation, etc., for the foundations for a new wing to the Museum building, to be known as Addition F, and for the erection of the building. The work of excavation was completed during the latter part of the year and work started on the erection of the building.

*American Museum of Natural History.*

Work was continued under the contract for the erection and completion of the new south wing of the building, the amount paid to the contractor for completed work being \$138,125.



The work of installing a system of fire lines and sprinklers for the protection of the building, which was contracted for in 1906, was completed during the year.

*The Aquarium.*

The installation of the new steam heating and ventilating plant, contract for which was let in October, 1905, was completed during the year and put in operation.

Extensive improvements required in connection with the piping and apparatus for heating the water in the tanks, were also completed, the work being done under the contract executed February 27, 1906.

*New York Public Library.*

The erection of the building was completed by the contractors and the work accepted by the Department in August, and final payment made to the contractors.

Work on the installation of the book stacks was continued under the contract executed January 3, 1905, the amount paid to the contractors for completed work being \$69,664.08.

Work was also continued on the installation of the heating and ventilating apparatus, contract for which was let January 16, 1905. The amount paid to the contractors for completed work was \$65,960.

Contracts were let during the year for the interior finish of the building, \$3,133,000; plumbing and drainage system, \$93,000, and for electrical equipment, elevators, etc., \$173,891, and the work under each actively pushed forward.

*Music.*

Appropriation .....	\$25,700 00
Expenditures .....	25,519 00
	<hr/>
Unexpended balance.....	\$181 00
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Concerts were given every Saturday and Sunday at 4 o'clock in Central Park, on the Mall, beginning June 15 and ending September 15, the last concert being marked by a special vocal concert, given by the People's Choral Union, numbering about 500 singers, under the direction of Prof. Walter Damrosch. A special stand was erected beside the music stand for the accommodation of the singers, and the stand decorated with flags and bunting for the occasion.

In the smaller parks the concerts were given at night for the accommodation of the working class, the schedule being so arranged as to provide music in some of the parks each night. Calcium lights were provided for the illumination of the park in the vicinity of the music stands at the evening concerts.

In all, two hundred and thirteen (213) concerts were given during the season, the cost for music being \$24,760. The cost of the additional lighting was \$759.

The following schedule shows the number of concerts given in each park during the season:

Central Park.....	30	Concerts, Saturday and Sunday after- noons.
Mount Morris Park.....	13	Concerts, Tuesday night.
Morningside Park.....	12	Concerts, Saturday afternoon.
East River Park.....	13	Concerts, Thursday night.
Madison Square Park.....	13	Concerts, Thursday night.
Tompkins Square Park.....	13	Concerts, Tuesday night.
Washington Square Park.....	13	Concerts, Monday night.
Battery Park.....	12	Concerts, Friday night.
Mulberry Bend Park.....	13	Concerts, Wednesday night.
Corlears Hook Park.....	13	Concerts, Monday night.
Seward Park.....	13	Concerts, Friday night.
Hamilton Fish Park.....	13	Concerts, Thursday night.
Hudson Park.....	13	Concerts, Friday night.
Abingdon Square Park.....	13	Concerts, Wednesday night.
Bryant Park.....	2	Concerts, July 25 and August 15.
DeWitt Clinton Park.....	1	Concert, August 24.
Jumel Mansion.....	2	Concerts, February 22, Washington's Birthday celebration; *May.

*Staten Island Parks.*

Washington Park, Stapleton.....	7	Concerts, Saturday afternoon.
Port Richmond Park.....	5	Concerts, Saturday afternoon.

*Supplies and Contingencies.*

Appropriation .....	\$2,000 00
Amount transferred from account of Labor, Maintenance, Supplies, etc....	8 94
	<hr/>
	\$2,008 94
Expenditures .....	2,008 94
	<hr/>

The total amount of this appropriation was expended for telephone service for the Department during the year.

*Surveys, Maps and Plans.*

Appropriation .....	\$1,500 00
Expenditures—	
Department Payrolls .....	\$1,420 86
Supplies .....	71 09
	<hr/>
	1,491 95
Unexpended balance.....	<hr/>
	\$8 05

\* Paid out of appropriation for Maintenance of Jumel Mansion and Grounds.



NEW TYPE OF DOUBLE SLIDE, IN USE ON PLAYGROUNDS.

The amount expended represents salaries and wages of the Engineering force employed during the year on the preparation of surveys, specifications, estimates of cost for new and contemplated work, as per the following list:

Surveys, plans, specifications and form of contract for the water supply system in Central Park, north of Ninety-seventh street.

Surveys, plans, specifications and form of contract for the water supply system in Central Park, between Seventy-fifth and Ninety-fifth streets, on the east side.

Surveys, plans, specifications and form of contract for the water supply system on the public driveway (Harlem River driveway) between One Hundred and Fifty-fifth and One Hundred and Seventy-fifth streets.

Surveys for the improvement of the small parks on Broadway, at Sixty-fourth, Sixty-sixth and Seventy-second streets.

Plotting topographical sections of John Jay Park.

Survey, contract plans and specifications for the improvement of the site of the old engine house in City Hall Park.

Location survey for construction map of Riverside drive, between Eighty-ninth and One Hundred and Ninth streets.

Location survey of new water supply in Central Park for construction map.

Cross sections and topographical map for the improvement of the site of the storage yards at Ninety-seventh street, Central Park.

Topographical sections and map for the regulating and grading of Chelsea Park.

Surveys, estimates of cost and contract plans for erecting two-rail pipe fences around tree plots and setting tree guards on Cathedral parkway, from Fifth avenue to Riverside drive.

Survey and construction maps, form of contract, specifications, etc., for repaving Fifth avenue, between Fifty-ninth and Sixtieth streets and Ninetieth and One Hundred and Tenth streets.

Topographical survey and map showing site proposed for new comfort station in Central Park, near Seventy-ninth street transverse road.

Topographical map, base for working drawings and contract, constructing Colonial Park, south of One Hundred and Forty-ninth street.

Topographical map and grade arrangement for a new road in Fort Washington Park.

Surveys, plans, contract drawings, specifications and form of contract in the matter of cleaning certain sections of the lakes in Central Park and concreting the bottoms of the same.

Specifications and form of contract for repairing asphalt roadway pavements where the same are on streets and avenues under the jurisdiction of this Department.

Contract plans, specifications and form of contract for repairing with cement the walks in certain city parks.

Contract, plans, specifications and form of contract for repaving and paving with rock asphalt mastic the walks of Central and other parks in the Borough of Manhattan.

Surveys, contract plans, specifications and form of contract for raising the grade of the loop drive in Riverside Park at One Hundred and Twenty-seventh street, and other work incidental thereto.

Surveys, plans, specifications and form of contract for paving where directed with rock asphalt mastic the present cobblestone and other gutters of the carriage drives in Central Park.

Survey, map and estimate of cost in the matter of constructing a playground in the small park at Seventeenth street and East River.

An individual plan of each park in the Borough of Manhattan and Richmond was prepared and transmitted to the Comptroller.

Plans showing the drainage system in the vicinity of the Webster statue in Central Park, with proposed changes, were made.

Record plans of Bryant, Corlears Hook and Mulberry Bend parks were made.

Topographical section lines and cross sections of Riverside Park, at various points between Ninety-sixth and One Hundred and Nineteenth streets, for the Landscape Architect.

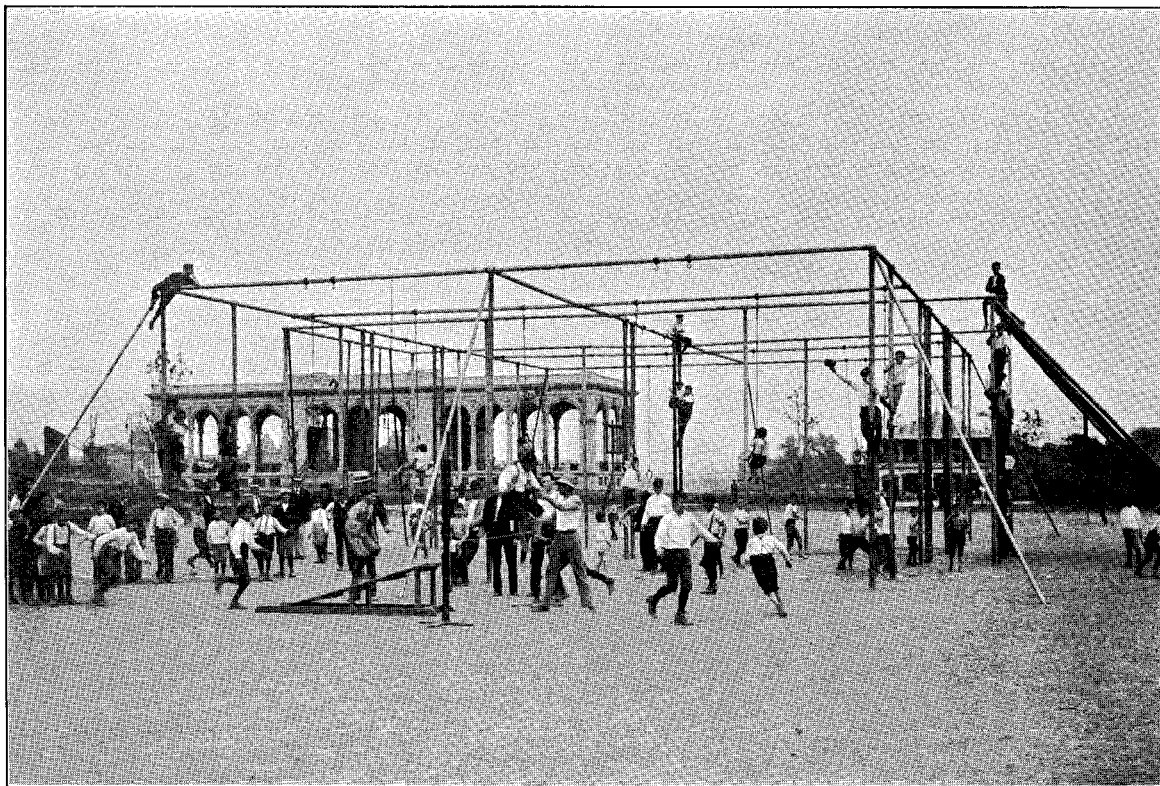
Grade arrangement and laying out of work, temporary roadway to propagating houses in Central Park.

*Playgrounds, Kindergartens, Bathhouses and Comfort Stations.*

Appropriation .....	\$64,894 00
Expenditures—	
Department Payrolls .....	\$46,559 15
Supplies .....	18,179 63
	<hr/>
	64,738 78
Unexpended balance.....	\$155 22
	<hr/>

In addition to the lawns used for recreation purposes in Central and Mount Morris parks, the Department maintained throughout the year in the smaller parks eleven playgrounds for boys and girls. In seven of these grounds gymnasiums for boys were maintained, running tracks being maintained in addition on the grounds in Seward Park, Tompkins square, DeWitt Clinton Park, St. Gabriels Park and Thomas Jefferson Park.

Qualified Attendants, both male and female, were in constant attendance on the grounds to look after the physical and moral well-being of the children using them,



THOMAS JEFFERSON PARK.  
(Gymnasium Class Work.)

to regulate their conduct while on the grounds, and to assist them to a proper use of the various apparatus and appliances provided for their exercise and enjoyment.

Additional swings, both large and small, were placed in all the grounds during the year, as well as see-saws and slides. The last proved such a popular feature with the children that where slides had been installed previously they were enlarged by adding another on the same structure, and all the slides installed during the year were of the double pattern.

Particular attention was paid to the matter of keeping the sand boxes in the grounds in a sanitary condition. To this end the sand was regularly inspected and changed as often as required. About six hundred yards of white beach sand was distributed for use in the grounds during the year.

The hard usage given the apparatus, slides, etc., necessitated their continual repair, and a force of mechanics was kept busy throughout the year in doing this work.

The playground at East Seventeenth street, which had been closed for over a year on account of the unsanitary condition of the ground, was reopened on August 15, upon completion of the work of improvement referred to in another part of this report. It has proved to be a most popular feature with the children of that district, as the figures of attendance will show.

At Thomas Jefferson Park, in the ground originally designed to be set apart as a gymnasium for girls, the apparatus which had been installed, but which was found unsafe for use, was taken down and the ground cleared and opened as a baseball field for boys, which proved unusually popular.

At Seward Park the old sheds over the swings and sand boxes were removed and new sheds more substantial in character were erected in their stead. A tennis court was also included in the equipment of this ground, the court being outlined with wooden strips set in ground, it being impracticable to mark out the court in the usual way.

Trees were planted around the grounds in Thomas Jefferson, DeWitt Clinton and St. Gabriel parks, adding to their ornate appearance.

In addition to the swings, see-saws and slides, the necessary supplies and apparatus were provided by the Department for tether ball, volley ball, croquet and tennis, as well as the rope rings or quoits for ring toss, jumping ropes, bean bags, building blocks, raffia, reed and worsted, sewing cords and needles for the girls and the smaller children.

For the boys, basketballs, indoor baseballs, tennis racquets, swordsticks, etc., were provided.

In many cases classes were formed among the children by the Attendants, particularly among the girls and the smaller children, and raffia and reed work and sewing was done under the direction of the Playground Attendants. The results attained reflect great credit upon these young women as trainers and teachers of children.

Many specimens of the work done by the children under their supervision have been shown in public exhibitions and have elicited much favorable comment.

In the gymnasium the boys are encouraged to form baseball and basketball teams, and in grounds where there are running tracks relay teams are formed and athletic exercise among the boys promoted in whatever manner the Attendant deems best suited to the conditions obtaining in his particular ground.

During the year a baseball tournament and a basketball tournament were held among the different grounds, and great interest was shown among the boys by the large crowds which followed the rival teams to attend the match games.

At Thomas Jefferson Park a large class of boys was formed and instructed in the use of the gymnasium apparatus by the Attendant in charge, and many of the boys attained great proficiency in the exercises.

Numerous athletic meets were held during the year under permits issued by the Commissioner. On such occasions the grounds were reserved exclusively for the use of the competing athletes. Several large meets of this character were held in Seward Park, Tompkins Square Park and DeWitt Clinton Park, and it is safe to say that the successful outcome of the games was due in large part to the practice obtained by the boys on the park grounds.

The average daily attendance on the various grounds during the year was as follows:

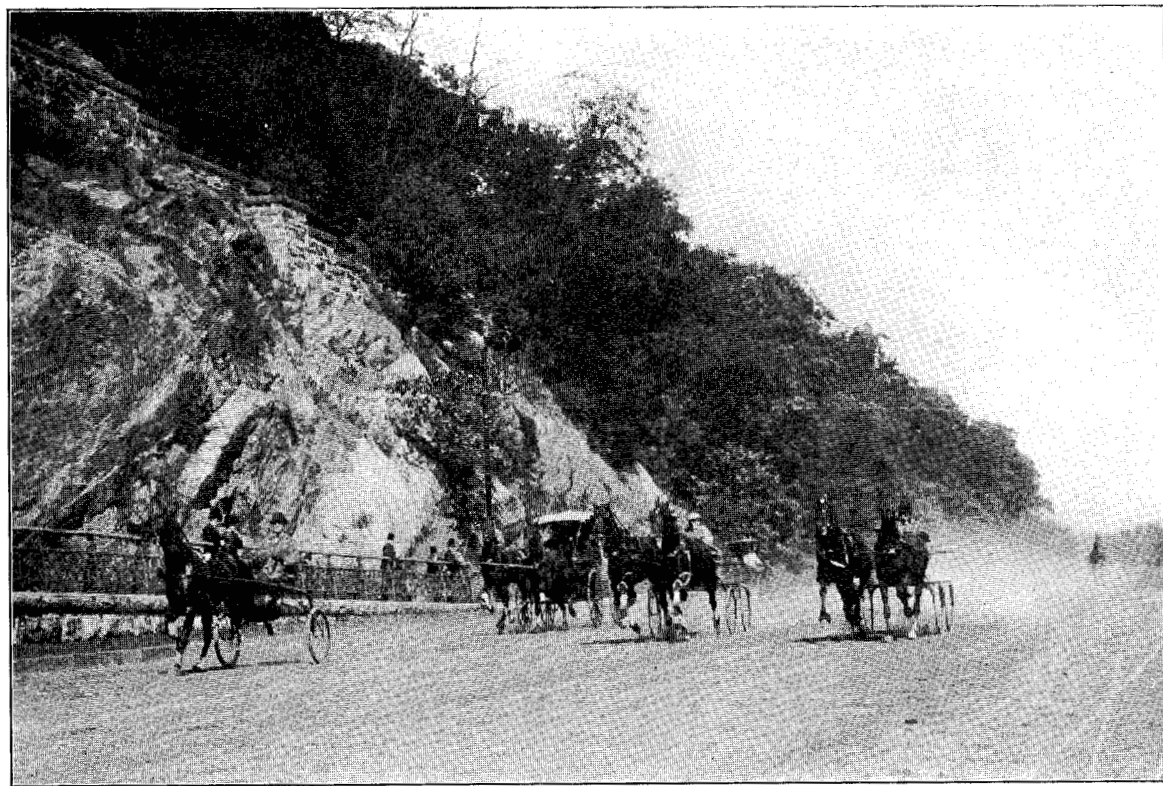
	Boys.	Girls.		Boys.	Girls.
Thomas Jefferson Park.....	939	678	Tompkins Square Park.....	1,270	2,180
East River Park.....	495	600	Hamilton Fish Park.....	1,365	996
John Jay Park.....	1,255	1,100	Wm. H. Seward Park.....	2,815	1,988
DeWitt Clinton Park.....	914	750	Hudson Park .....	237	434
St. Gabriel's Park.....	895	906	Corlears Hook Park.....	760	645
East Seventeenth Street Park....	715	700			

#### *Bathhouses and Comfort Stations in the Parks.*

In Seward Park, DeWitt Clinton and Thomas Jefferson Parks shower baths were maintained for the use of the public. These baths were open every day in the year from 7 a. m. to 9 p. m., the necessary heating plant being maintained in connection with each place to furnish hot water in the baths. The average daily attendance at the baths in the summer is from five hundred to a thousand, the larger figure being for Seward Park, which is on the lower east side in the crowded tenement district. In the winter the average is about one hundred and fifty a day in all parks.

Attendants are stationed at the baths at all times when open to preserve order and regulate their use by the public.





A "BRUSH" ON THE SPEEDWAY.

Comfort stations were maintained throughout the year in all the parks, being opened daily at 6 a. m., and closed at 6 p. m. in winter, and at 10 p. m. in summer. Those at Union, Tompkins and Madison Square were kept open night and day throughout the entire year.

A force of Attendants kept the buildings and equipment in a clean and sanitary condition. During the warm weather disinfecting machines were maintained in all the buildings.

*Care of Trees on City Streets.*

Appropriation .....		\$30,000 00
Expenditures—		
Department payrolls .....	\$24,678 57	
Supplies .....	3,316 40	
		<hr/> 27,994 97
Unexpended balance .....		<hr/> \$2,005 03

But little work was done in the matter of caring for the street trees except in response to applications from citizens or property owners for the removal of dead or dangerous trees, until the last quarter of the year. In the fall a large force of Climbers and Pruners divided into gangs under the supervision of competent arboriculturists was appointed and set to work cutting out dead wood in the trees in the City streets, one section of the force being assigned to the work in the Borough of Richmond.

The trees on Broadway, from Fifty-ninth street north, were pruned and trimmed and cleaned of caterpillar cocoons and egg masses. Like treatment was given the trees on Lenox and on Seventh avenues north of One Hundred and Tenth street, also on St. Nicholas avenue, Pleasant avenue, and many of the side streets along those thoroughfares. In addition many dead and dangerous trees were removed during the progress of the work.

In the Borough of Richmond work was started on the trees in the Westerleigh District and the greater portion of the street trees in that locality were pruned and cleaned.

*Harlem River Driveway.*

Appropriation .....		\$15,000 00
Expenditures—		
Payrolls of Department employees.....	\$10,877 94	
Supplies .....	4,025 36	
		<hr/>
Unexpended balance .....		<hr/> \$96 70

Many hundreds of thousands witnessed the spirited brushes which were held almost daily in good weather on the Harlem River Driveway, popularly known as "The Speedway." Early in the year the roadway of the drive below High Bridge was deeply harrowed, resurfaced with fresh sandy loam, about one thousand yards being used for the purpose, and the drive rolled with heavy horse rollers. The matinee trots held on May 13, 20 and 27, June 3, 10 and 17, were held on this section of the Driveway. At the matinee of June 3 a new Speedway record was hung up when the horse "Invader," driven by his owner, James Crawford, of the Road Drivers' Association, trotted a half mile in one minute flat, attesting the good condition of the roadway. For the greater part of this work horses owned by the Department were used, additional teams being hired as required by the work. These horses were cared for at the Department stable in High Bridge Park, adjoining the Speedway.

In addition to the work mentioned above, the upper section of the drive was harrowed, brushed and rolled constantly. Limestone screenings were spread on the approach to the Driveway at One Hundred and Fifty-fifth street and on the walks bordering the drive, and the lawns and grass plots were kept neat and trim.

The expense of maintaining the Driveway during the year was greatly in excess of the amount appropriated, approximately \$10,000 additional being paid for supplies and payrolls for that purpose out of the general appropriation for Labor, Maintenance, Supplies, etc.

*Ambulance Service, Central Park.*

Appropriation .....	\$1,200 00
Expenditures .....	1,200 00

The cost of maintaining the special service is not shown in the above account, as the specific appropriation for Ambulance Service (\$1,200) covered only the salary of the Attendant. The wages of the Ambulance Driver, the keep of the horse, the many repairs required to keep the ambulance and equipment in proper condition, as well as the contingent medical supplies, had to be provided from the appropriation for Labor, Maintenance, Supplies, etc.

*Children's School Farm, DeWitt Clinton Park.*

The long rainy spell in the beginning of the season, followed by the prolonged intense heat and drought of the second half of the season, were conditions unfavorable to this work. Owing to the weather conditions, which prevailed throughout the country, while the children had a fair harvesting of crops, it was not equivalent to previous years. The prolonged drought during the latter part of the season gave the children the opportunity of watering the plots, a pastime of which they never wearied.



CHILDREN'S FARM GARDEN, DEWITT CLINTON PARK.

During the summer thirty-eight observation plots were prepared for the instruction of the larger children. These plots were planted with flowers and vegetables of different varieties than those in the plots for the small children.

The seeds of some varieties of plants were started in a cold frame in the garden and the children were given the opportunity to become familiar with this phase of their cultivation.

A series of experiments were conducted in the Demonstration Hall from time to time illustrating the growth of the seeds and plants so that the children might have a more intimate knowledge of nature's phenomena in that respect. The seeds were planted in a vertical frame, one side of which was covered with glass so as to expose the contents. Thus the successive stages of growth were observed by the children and a more intelligent idea of the process was obtained which resulted in increased interest in their work in the plots.

During the year a wheel chair was presented to the garden by the pupils of the Brooklyn Training School for Teachers. This was used to wheel some of the crippled children around the garden, who were unable to walk. Numbers of such children visited the garden during the year and the experiment of giving them plots to work in was tried and proved a great success, the little invalids showing great interest and enthusiasm in their work. Stereopticon exhibitions were given in Demonstration Hall from time to time during the year, for the amusement and instruction of the children. the slides used depicting principally topics of interest in connection with the garden work, such as insects to be found in the plots, their history, etc.

Sewing circles and housekeeping classes were formed among the children, the rooms in the garden being used for the purpose. Each day a different set of housekeepers were in charge. They were allowed to gather vegetables from their plots and to cook them in the kitchen, and prepare them for the table. Other necessities for the lunch or feast were provided, the children doing all of the work under the supervision of the Teacher or Attendant.

Interest in the garden on the part of the general public was manifested by the visits of nearly two thousand five hundred persons, adults and school children, the adults representing almost every state in the Union, as well as the Dominion of Canada, England, Scotland and Chili.

During the first half of the season 442 plots were prepared, planted and cultivated by the children. These yielded 44,200 radishes, 8,840 beets, 16,354 carrots, 2,210 heads of lettuce. The work during this half was distributed among 258 boys and 289 girls.

During the last half of the season 445 plots were prepared, the work being apportioned among 320 boys and 322 girls. The crop consisted of 44,500 radishes, 8,900 beets, 445 quarts of beans, 5,340 turnips and 890 ears of corn. The average daily attendance of the children was about 50 per cent.

Classes from nineteen (19) schools and settlements, both public and private, visited the garden and observed the work of the children, and for the purpose of studying the plants, etc., in connection with their work in biology and nature study in the schools. The following varieties of seeds were planted by the children during the season:

Seeds planted—Sweet alyssum, balsam, mirabilia, jalapa, scabiosa, coryopsis, brachycome, cockscomb, poppy (California and Shirley), morning glory, marigold, portulaca, castor plant (red, black, green), cosmos, sunflower (giant and cucumerifolius), candytuft, aster, mignonette, primrose, dahlia (roots), love-in-a-mist, phlox, Zinnia, Stock.

In the observation plots were planted—Potatoes, salamander, head lettuce, tomatoes, cotton, peanuts, kale, kohlrabi, Brussels sprouts, cauliflower, cabbage, sugar beet, dwarf and field peas, broomcorn, millet, alfalfa, oats, wheat, barley, rye, timothy, strawberries, squash, Hubbard and crook-neck, flax, celery, okra, buckwheat, egg plant, muskmelon, pumpkin, hemp.

*Jumel Mansion.*

Appropriation .....		\$7,000 00
Expenditures—		
Payrolls of department force.....	\$3,921 86	
Supplies .....	718 38	
	<hr/>	4,640 24
Unexpended balance .....		<hr/> <hr/> \$2,759 76

The expenditure for payrolls represents salaries and wages of a curator, attendants, laborers, gardeners and mechanics, whose services were required to properly maintain the building and grounds and to care for the historical exhibit contained in the building. The building was open for public inspection every day during the year from 9 a. m. to 5 p. m.

On Washington's birthday special exercises were held in the building under the direction of the Society of the Daughters of the American Revolution. Patriotic addresses were delivered by prominent citizens and members of the society and a concert given by the band furnished by the Department for the occasion.

A similar celebration was held on May 28.

For these celebrations the Department decorated the building, furnished camp chairs, tents for refreshments, etc.

A flagpole eighty-five feet high was purchased by the Department to be set up on the lawn in front of the Mansion, and artistic marble seats were placed in suitable places on the lawn surrounding the house. A register for visitors was also provided.

*Revenues.*

The total revenue derived from all sources during the year amounted to \$42,672.58. Of this amount \$4,190.81 was placed to the credit of various licensees as allowances for repairs and improvements made by them to the Department buildings which they occupy.

The balance (\$38,481.77) was deposited with the City Chamberlain, \$556.20 to be placed to the credit of the Zoological Garden Fund for the purchase of animals, etc., to increase the zoological collection in Central Park and to replace specimens lost by death; the balance (\$37,925.57) to the General Fund for the Redemption of the City Debt.

The revenues due and uncollected at the close of the year amounted to \$2,746.80.

There remained the sum of \$3,187.43, due licensees at the close of the year as allowances previously made for repairs and improvements made by them to the department buildings which they occupy.

*Summary.*

## Total Revenue 1907—

Licenses .....	\$28,755 25	
Rents .....	8,215 74	
Permits for projections on buildings.....	11,079 62	
Sale of surplus animals, etc.....	556 20	
	<hr/>	\$48,606 81

Credited to accounts of licensees as allowances for repairs and improvements to buildings..... \$4,190 81

Credit balances due licensees on account of allowances previously made for repairs and improvements to buildings.. 3,187 43

## Cash deposited with City Chamberlain—

Zoological Garden Fund.....	\$556 20	
General Fund for Redemption of City Debt..	37,925 57	
	<hr/>	38,481 77

Rents and license fees due and uncollected..... 2,746 80

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\$48,606 81

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## PARKS AND PARKWAYS.

*Borough of Manhattan—Parks.*

Name.	Acres.	Name.	Acres.
Abingdon Square .....	0.202	Mulberry Bend Park.....	2.750
Battery Park .....	21.199	Paradise Park .....	0.114
Beach Street Park.....	0.038	Park Avenue Parks.....	8.118
Bowling Green .....	0.517	Riverside Park .....	140.037
Bryant Park .....	4.775	Rutgers Park .....	0.478
Canal Street Park.....	0.318	Ryan Park .....	0.180
Central Park .....	843.019	St. Gabriel's Park.....	2.947
Chelsea Park .....	3.117	St. Nicholas Park.....	26.604
Christopher Street Park.....	0.139	Schuyler Square .....	0.072
City Hall Park.....	8.239	William H. Seward Park.....	3.315
Colonial Park .....	12.790	Sherman Square .....	0.001
Cooper Park .....	0.229	Stuyvesant Square .....	4.229
Corlears Hook Park.....	8.300	Tompkins Square .....	10.508
DeWitt Clinton Park.....	7.377	Union Square .....	3.483
Duane Street Park.....	0.108	Washington Square .....	8.115
East River Park.....	12.546	Broadway plots, from Sixtieth street to One Hundred and Twenty-second street .....	7.543
Empire Park .....	0.344	Broadway plots, from One Hundred and Thirty-seventh street to One Hundred and Sixty-eighth street...	3.621
Hamilton Fish Park.....	3.673	Addition to Riverside Park.....	2.064
Fort Washington Park.....	40.810	Extension of Riverside Park.....	48.215
Grand Street Park.....	0.630	Extension of Highbridge Park.....	2.511
Greeley Square .....	0.144	Extension of Corlears Hook Park....	2.343
Hancock Square .....	0.072	Seventeenth street, East River (un- named park).....	1.037
Harlem Lane Park.....	1.270	St. Nicholas avenue and One Hundred and Fiftieth street (unnamed park).	0.024
Highbridge Park .....	64.343	Broadway, Seventy-third street and Amsterdam avenue (unnamed park).	0.095
Hudson Park .....	1.700	Manhattan avenue and One Hundred and Fourteenth street (unnamed park).....	0.018
Jackson Square .....	0.227	Seventh avenue, One Hundred and Seventeenth street and St. Nicholas avenue (unnamed park).....	0.074
John Jay Park.....	3.004	Broadway, Thirty-fifth street and Sixth avenue (unnamed park).....	0.042
Jeannette Park .....	0.728	Broadway, One Hundred and Thirty- eighth street and Hamilton place (unnamed park).....	0.340
Thomas Jefferson Park.....	15.529	St. Nicholas avenue, One Hundred and Thirty-seventh street and Bradhurst avenue (unnamed park).....	0.038
Lincoln Square .....	0.069	Speedway, Washington Bridge and Dyckman street (unnamed park)..	23.013
Madison Square .....	6.840	Worth and Baxter streets (unnamed park).....	0.187
Manhattan Square .....	17.582		
Morningside Park .....	31.238		
Roger Morris Park.....	1.546		
Mt. Morris Park.....	20.174		



Name.	Acres.	Name.	Acres.
One Hundred and Fifty-first and One Hundred and Fifty-second streets and Amsterdam avenue (unnamed park).....	0.574	Playground, Fifty-ninth street to Sixtieth street, west of Amsterdam avenue (unnamed park).....	0.519
One Hundred and Fifty-ninth street to One Hundred and Seventy-second street and Edgecombe road, Old Aqueduct (unnamed park).....	8.912	Playground, Nos. 180 to 184 Cherry street (unnamed park).....	0.392
South approach to Third Avenue bridge (unnamed park).....	0.298	Playground, south side of One Hundred and First street, between Second and Third avenues (unnamed park).	0.846

*Borough of Richmond—Parks.*

Name.	Acres.	Name.	Acres.
Silver Lake Park.....	57.90	Port Richmond Park.....	1.28
Washington Square (Stapleton).....	1.46		

*Manhattan Parkways, etc.*

Name.	Length, Feet.	Name.	Length, Feet.
Cathedral parkway (One Hundred and Tenth street), Seventh avenue to Riverside drive .....	4,061	One Hundred and Tenth street, Fifth avenue to Seventh avenue.....	2,045
Eighty-sixth street, west of Central Park	3,435	One Hundred and Twenty-second street, west of Tenth avenue.....	1,450
Fifth avenue, Fifty-ninth street to One Hundred and Tenth street.....	13,661	One Hundred and Twenty-third street, west of Morningside Park.....	819
Harlem River driveway, One Hundred and Fifty-fifth street to Dyckman street	11,562	Riverside drive, Seventy-second street to One Hundred and Twenty-ninth street .....	17,000
Morningside Avenue West, Cathedral parkway to One Hundred and Twenty-second street .....	3,538	Seventy-second street, west of Central Park .....	3,025
Ninety-sixth street, west of West End avenue .....	802	West End avenue, north of Seventieth street .....	9,860
		Mail street, Broadway to Park row....	335

*Park Plazas.*

Name.	Acres.	Name.	Acres.
Grand Circle, Fifty-ninth street and Eighth avenue.....	2.234	One Hundred and Tenth street and Fifth avenue.....	1.005
Fifty-ninth street and Fifth avenue....	1.495	One Hundred and Tenth street and Eighth avenue.....	1.182

**BOROUGH OF THE BRONX.**

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

Sir—I have the honor to send you herewith, in compliance with the provisions of the Charter, a report of the designs for improvement, work accomplished and finances of the Department of Parks, Borough of The Bronx, for the year ending December 31, 1907.

Very respectfully yours,

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

## REPORT OF THE COMMISSIONER OF PARKS FOR THE BOROUGH OF THE BRONX.

A large amount of work was done during the year in the general maintenance and improvement of the parks. Roads and paths were cleaned, repaired and edged; gutters cleaned and repaved, catch basins and drains cleaned, washouts repaired and lawns fertilized, sprinkled and mowed. New tennis courts, baseball diamonds and football fields were laid out in a number of the parks, and all the existing courts, fields, etc., kept in good condition, marked, etc.

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

### *Pelham Bay Park.*

(Area, 1,756 Acres.)

**Athletes' Lodge**—The Athletes' Lodge on the athletic grounds, which was begun under contract during the latter part of the year 1906, was completed early in 1907, and has been in use for several months. This is a handsome and artistic building, and has been well patronized by the public during the summer and fall.

**Drainage**—Considerable work has been done in draining swamp lands in this park during the year, the work being done by park labor. A number of mosquito-breeding pond holes north of the Steeplechase Course and west of the Athletic Field have been drained. The work of draining the mosquito ponds south of Waterbury lane was completed during the early summer, so far as the excavation and fill were concerned. The vitrified tile pipe to be laid in these trenches was furnished under contract, and part of it laid, when the work was stopped by order of the Department of Finance. Two hundred feet of 6-inch vitrified drain pipe was laid from the Athletes' Lodge to the west side of Waterbury Lane road, and the same filled in. The work of prosecuting the drainage of the lowlands near the Athletic Field was continued during the summer. About nine hundred feet of trenches had been dug and part of the drain pipes laid and covered with brush. All the necessary drain pipe had been delivered on the ground by contract when the work was discontinued on account of financial troubles.

**Water Main**—A 12-inch water main was laid by the Department of Water Supply, Gas and Electricity from the Prospect Hill road to the eastern boundary of the park, which will be a very great convenience to this Department for use in sprinkling and otherwise keeping the roads in good condition.



RHODODENDRON PLANTATION, BRONX PARK.

**Shelter Pavilion**—Plans were prepared for a shelter shed at Orchard Beach, and the lumber for same was delivered under contract, which lumber was nearly all framed and prepared for erection, and part of the frame work was erected by park labor, when the work was discontinued by request of the Department of Finance. This work should be resumed as soon as possible and the building made ready for use in the early spring, as the need of a shelter house at this place is urgent.

**Road System**—At a point near the Hunter Island Inn an abrupt turn in the Eastern boulevard rendered traffic, especially that of automobiles, very dangerous, and necessitated a material widening at that place. This has been accomplished, including a substantial retaining wall and substantial stone parapet, rendering traffic at this point safe.

Owing to the tremendous amount of automobile traffic on the Eastern boulevard the road deteriorates rapidly, and it was found necessary to practically rebuild a portion of this road from the westerly line of the park to a point one thousand feet east of Prospect Hill road. The stone and screenings were furnished by contract, and the work was done by park labor.

The roads on Hunter and Twin islands were reconstructed and put in first-class shape. These are earth roads and require frequent repairs to keep them in good condition.

The bend on the west side of the Shore road, near Hunter Island Bridge, was filled in for a distance of three hundred feet to a width of twenty feet and graded.

A new roadway thirty feet wide, bordered on one side by a pathway eighteen feet wide, to run at present from White Plains road to the Iron Bridge, was begun during the summer, and work was in full progress on the same when all operations were stopped.

Stone was removed from fields on the west side of Eastchester road, south of Pelham Bridge, widening the road 25 feet for a length of 400 feet; and about 1,000 yards of stone were removed from fields and dropped in the swamp lands on the east side of Pelham road, north of the entrance to Hunter Island, widening the road at this point about 40 feet.

The work of six-tracking the New York, New Haven and Hartford Railroad through this park and across the Bronx and Pelham parkway has been under the inspection of the Department of Parks, so far as it has affected park lands; and plans submitted by the railroad people have been carefully considered, and in many instances revised by the engineering force in this office.

**Bridges**—Bridges, three for overhead and one for undergrade crossings, are being built by the railroad people at four different points in this park—one at Baychester Station, one at Bartow Station, one at Prospect Hill road and one near the northerly boundary of the park. The abutments are all completed and about half of some of the approaches have been finished.

Minor Improvements—During the year lots were staked out at Orchard Beach for about 250 tents, and about 300 camping permits were issued during the season. These camping sites are in great demand, but for sanitary reasons only a limited number can be accommodated.

The road running parallel with Orchard Beach, which was in some places dangerous for vehicles, was protected on the shore side by the erection of a substantial rustic railing for about one-half mile of its length. The beach was cleaned, enlarged and put into first-class condition for the use of bathers.

*Van Cortlandt Park.*

(Area, 1,132.35 Acres.)

Comfort Station—The erection of the comfort station on the easterly side of the parade ground in this park, which was begun in 1906, under contract, was completed during the fall of 1907. The building is a handsome one and is an important feature in this part of the park.

Bridle Paths—During the year about four miles of bridle paths, with native soil surface, have been completed, the work being done by park labor; and this path system, which is located in the most picturesque parts of the park, has become very popular with visitors.

Sidewalks and Paths—About two miles of sidewalks and paths have been laid by park labor between Jerome and Mount Vernon avenues and along Gun Hill road in this park. The construction of those between Jerome and Mount Vernon avenues has opened to the public a large section of park lands that have heretofore been very little used.

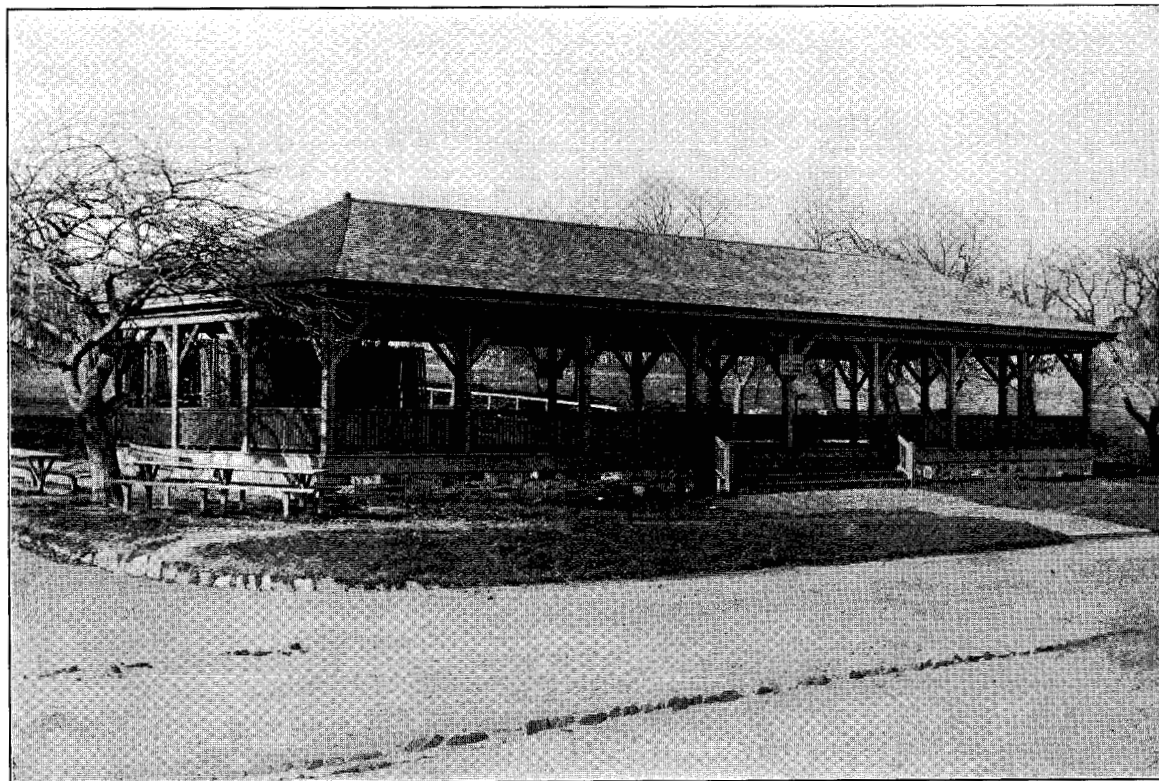
A new walk was built from the junction of Two Hundred and Thirty-seventh street with Mount Vernon avenue to Two Hundred and Thirty-ninth street, graded and leveled.

A walk was also built from Mount Vernon avenue to Jerome avenue, a distance of about 1,000 feet, and the ground was raised to proper level by placing about 600 yards of fill. Culverts were placed at the lowest points of the road and the walk was surfaced with screenings.

Drainage, etc.—Plans and specifications were prepared for an 8-foot brick culvert to conduct the waters of Tibbett's Brook from Van Cortlandt Lake to the twin sewers on Broadway. The work was advertised and bids received, but the lowest bid exceeded the amount of funds available; hence the contract could not be let.

Funds were appropriated for the drainage of lands east of Jerome avenue, but the work which it was intended to do this winter will not be commenced unless financial conditions improve.

Bridge—Plans were prepared and submitted to the New York Central and Hudson River Railroad Company for an ornamental bridge to take the place of the trestle



SHELTER SHED, ORCHARD BEACH, PELHAM BAY PARK.



ORCHARD BATHING BEACH, PELHAM BAY PARK.



which crosses the road leading from the north end of the parade ground to the old deer paddock, but no action has as yet been taken by the railroad company. It is very desirable that the proposed improvement be made, and a structure more in keeping with the park surroundings erected.

**Survey of Park**—The topographical survey of portions of this park, which was begun by the engineering force in the year 1906, has been prosecuted from time to time during the past year, at such times as a party could be spared from other work. This is the only one of our large parks that has not been topographically surveyed, and it should be completed as speedily as possible.

**Road System**—The road leading from the railroad station to and along the easterly side of the parade ground and through the old deer paddock has been resurfaced during the year; in fact, has been practically rebuilt, including new stone gutters along all portions of the heavy grades. The lack of guttering was, to a certain extent, responsible for the bad condition of portions of this road, as well as that of the Rockwood drive, leading from Mosholu avenue to the northerly boundary of the city. This latter road was also badly torn up by automobiles, and it was found necessary to practically rebuild it. This was done, the road being treated with a surface of trap rock and screenings for its entire length. The gutters were also completed, and it is now in excellent condition.

All of the northerly and part of the southerly side of Gun Hill road was terraced, from the end of Mosholu parkway to its junction with Grand avenue, and a walk 10 feet wide was constructed from the head of Gun Hill road, at its junction with Mosholu parkway, to Grand avenue, near Van Cortlandt Lake. This is a most decided improvement, as heretofore pedestrians were obliged to use the carriageway between the points named.

Van Cortlandt avenue at the railroad station was widened to a width of 30 feet for a distance of about 350 feet, and macadamized, and the gutters were relaid and the banks sodded. Considerable grading and filling in was done near the railroad station also, all work being done by park labor.

The location and grade of the highway at Van Cortlandt station were changed and materially widened, to conform to the underground crossing built by the railroad company, which renders the crossing much safer than heretofore. Where this road was widened out the sides were terraced and sodded or seeded, adding very much to the appearance of the park in the vicinity of the railroad station.

A sidewalk 10 feet wide was constructed on Gun Hill road for the entire length of the road. Three catch basins with iron gratings were constructed, 6-inch vitrified pipe conduits being furnished, leading into the stone drain. Near the junction of this road with Mosholu parkway the bank on one side of the road was terraced, sloped and covered with top soil; gutters were repaired and some 300 linear feet of pavement was constructed.

A new road was begun from Grand avenue to the Yonkers city line through this park and was finished from Mosholu avenue to beyond Grand avenue. This road skirts the golf links, and, as far as finished, has been covered with trap rock and screenings, and a 5-foot sidewalk has been built along part of it.

The roads leading from Mosholu avenue to the old buffalo stable, and from the stable up the hill, also from this point to the railroad station, were in a very bad condition, being all turned up by automobiles. These roads have been repaired and resurfaced with trap rock and screenings, also rolled with the steam road roller, the repair work extending for more than a mile of road.

Near Gun Hill road, and running parallel with it, from Mosholu parkway to Grand avenue, a new path has been constructed, about 800 feet long and 8 feet wide, which necessitated the building of a dry wall about 150 feet long and from 2 to 6 feet high, to sustain the pathway. About half of this pathway has been surfaced with screenings.

Gutters—On Gun Hill road, Van Cortlandt avenue and at the railroad station the gutters were repaired wherever necessary, and about 1,500 feet of new gutters have been laid in the park at various points.

Grading, Filling In, Etc.—Considerable grading and filling in has been done in this park during the past year. The bank on the west side of Van Cortlandt avenue, near the railroad bridge, was graded, 210 yards of fill having been removed.

At the junction of Vault Hill road and Van Cortlandt avenue the road was widened by removing about 410 yards of fill, and a macadam surface was placed on same; the bank up from the road was terraced also.

About 500 feet of the bank on the north side of Gun Hill road was terraced. The lawn at the junction of Gun Hill road and Grand avenue was graded and laid out.

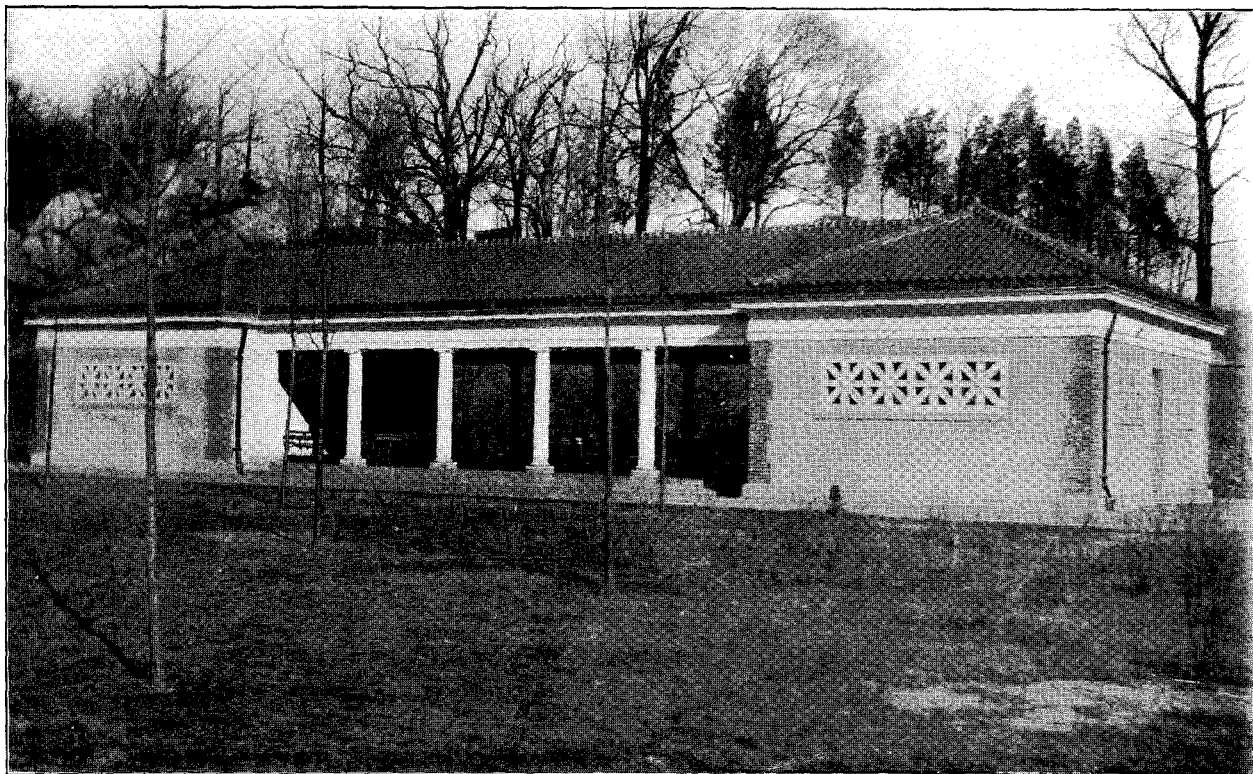
The east side of Broadway in this park was graded, the surplus soil being removed from same to the west side of the railroad tracks at the south end of the lake, filling in the low lands at that point and grading the same.

The banks on Van Cortlandt avenue, at the Van Cortlandt station, were graded, about 1,200 truckloads of stone being removed and hauled to fill the cut on the south side of Mosholu parkway, near Webster avenue.

Around the comfort house in the parade grounds considerable grading and filling in was done; also sodding and resurfacing where necessary.

Nursery, Planting, Etc.—An addition was made to the old nursery in this park, by the resurfacing and regrading of a field north of Two Hundred and Forty-second street and south of the old nursery, which will give an additional capacity of ten more acres to the nursery.

About 10,000 cuttings were propagated and set out in beds, to be transplanted in the various parks as required.



COMFORT STATION, VAN CORTLANDT PARK.

About 8,000 seedlings were planted in the seed beds.

About 7,000 shrubs and 300 trees were supplied from this nursery to other parks during the year.

Flower beds were planted and cultivated around the Colonial Gardens and the golf house, and the plantation along the railroad tracks was cultivated and kept in good condition during the year. Dead and diseased plants were removed from the Colonial Gardens and replaced with new ones from the greenhouses in Bronx Park. The fountains were cleaned and kept supplied with fresh running water during the summer and fall, also planted with aquatic plants.

Golf Links, Tennis Courts, Etc.—Excellent work was done at the golf links and tennis courts during the past year. The severe winter and rainy spring were very destructive to the links, and considerable work was necessary in order to put them in good condition for the summer. Many of the putting greens were remodeled; all of the tees were rebuilt and put in first-class condition for the season. The golf house was kept cleaned and heated during the colder weather; the interior was repaired and varnished, and shower baths and plumbing were overhauled and repaired. Men were assigned to watch the links and distribute tickets regulating the games. The management of the links and golf house has been most excellent, and has been greatly appreciated by the vast number of golfers; in fact, the general comment has been that the links have never been kept in better condition than during the past year.

The lake was kept cleaned of snow during the winter months and the ice planed, allowing for thirty days of skating, the daily average attendance being about 5,000. The skate house and pathways surrounding it were kept in excellent condition. During the fall and winter the lake has been kept clear from all rubbish and everything has been put in readiness for the coming skating season.

At Indian Field a new baseball diamond was laid out, and a new earth road 15 feet wide made, leading from Jerome avenue to the diamond. Additional diamonds were laid out in other parts of the park also, to be in readiness for the next season, as the present number of diamonds is entirely inadequate to meet the greatly increasing demand for permits during the summer.

#### *Bronx Park.*

(Area, 719.12 Acres, of which 261 Acres are included in the Zoological Park and 250 Acres in the Botanical Garden.)

Music Stand—A fine new music stand, designed in this office, was constructed, by park labor, in Bronx Park, south of the road leading to the Lorillard Snuff Mill, to take the place of the old and dilapidated stand which was on the same site. This is a decided improvement, the old stand having been an eyesore for several years, and, from its conspicuous location, a blot on the beauty of the park in this locality.

Bridge Over the Gorge—Plans and specifications have been prepared for a reinforced concrete footbridge over the gorge below the falls, near the Lorillard Mansion. The plans have received the approval of the Municipal Art Commission; the specifications are now in the hands of the printer, and the contract will be awarded as soon as they are ready.

Greenhouse, Nurseries, Etc.—In the nurseries the herbaceous gardens were cleaned, cultivated and watered frequently during the summer, and mulched with manure during the winter. Over 10,000 herbaceous plants were distributed among the various parks of the Borough during the year.

All roads and walks in the gardens were hoed, raked and edged and resurfaced with screenings and fine gravel. All of the frames and sashes of both hot and cold beds were repaired; old soil was removed and fresh soil put in its place.

In the greenhouses the routine work was carried on on a much larger scale than during previous years. At Easter one house was used as a showhouse, azaleas, lilies, roses, hyacinths, tulips, narcissii and a variety of shrubs being forced to bloom, making a very handsome display.

During the summer all of the houses were emptied and thoroughly cleaned, painted, whitewashed and fumigated. Over 60,000 bedding plants were propagated and cared for, potted and shipped to the various parks, to be planted out in beds. Over 40,000 pansies were grown from seed, transplanted and shipped to the various parks in the Borough, to be planted in beds. Over 10,000 cannas and dahlias were cleaned, labeled, grown and shipped to the various parks for planting. About 200 hot and cold frames were cared for, cleaned and filled with fresh mold and used for storing and forcing thousands of budding herbaceous and pansy plants.

An unusually fine chrysanthemum exhibit was open to the public during the fall. Two houses were prepared for chrysanthemums, and about 5,000 plants were grown and flowered, forty different varieties being used, making a very handsome display, which was greatly appreciated by the large number of visitors enjoying them.

Work Shops—An unusual amount of construction and repair work was done in The Bronx shops during the past year. About 40,000 linear feet of rustic fencing was built for the various parks, including the cutting and trimming of trees for the same. Eight large watering troughs for horses were built in Van Cortlandt Park. The bath houses at the Athletic Field and Orchard Beach, in Pelham Bay Park, were all repaired and cleaned. Chimneys were rebuilt in the Colonial Mansion in Van Cortlandt Park and the Turnbull Mansion in Pelham Bay Park. About 10,000 linear feet of iron railing was painted; various mansions, comfort buildings, music pavilions, etc., were painted; also signs lettered and painted. Repairs were made on bridges, rustic benches and seats, settees, drinking fountains, carts, sprinklers, delivery wagons, buggies, road rollers, mowing machines, etc., and all necessary emergency work was attended to as usual.



CURLING ON THE RINKS AT VAN CORTLANDT LAKE.

General Improvement—The roads and walks in this park were all repaired during the year.

A row of fine elm trees was planted along the Southern boulevard, from Pelham parkway to the southerly entrance to the Botanical Garden.

The drainage of lands east of the Bronx River was finished during the past year, thus getting rid of several mosquito breeding pools.

The lake was cleared of snow during the winter months, allowing for thirty-six days of good skating, the average daily attendance being about 2,000.

#### *Zoological Park in Bronx Park.*

The improvement and construction work in the Zoological Park was vigorously pushed, and progressed rapidly and satisfactorily during the early part of the year; and, prior to the recent financial crisis, it had been the confident expectation of the Zoological Society that, by the end of 1909, the development of the Zoological Park would have reached a point where this institution could be pronounced practically complete. The unfortunate conditions now existing, however, seem calculated to delay considerably the progress and consummation hoped for.

Concourse and Approaches—The concourse and approaches from Pelham avenue to Baird court are almost completed, and should be finished early in the coming year. The sidewalks on Pelham avenue in front of the concourse entrance are nearly completed.

Granolithic Sidewalks, Baird Court—During the summer plans and specifications were prepared and printed for the construction of granolithic and brick sidewalks, including granite curbing, on the concourse and approaches to Baird court; the work was advertised, but not let, owing to financial conditions.

Concourse Entrance—A handsome entrance into the Zoological Park from Pelham avenue, near the bridge over the Bronx River, has been constructed by contract, during the year. The work is almost completed, and this entrance will be an important and much needed improvement in the park, as, up to the present time, it has been impossible for vehicles to enter the park grounds, there being no entrance gate through which carriages or automobiles could pass.

Elephant House—During the early part of the year a contract was awarded for the erection of an elephant house in the Zoological Park. The work has been very vigorously and conscientiously pushed to completion by the contractors, F. T. Nesbit & Co., and the early spring of 1908 will probably witness the completion of the building, which bids fair to become one of the best and most mechanically perfect structures in the Zoological Park.

Plans and specifications were prepared for the erection of boundary and partition fences for the yards surrounding the elephant house, but the specifications have not as yet been printed, owing to the financial condition.

Administration Building—Plans and specifications were also prepared for the erection of a building to be used as an office building for the administration of the affairs of the Zoological Society. The Board of Estimate and Apportionment has appropriated the necessary funds for this building, but the matter has been held in abeyance by the Comptroller, owing to the financial stringency.

Electric Wiring and Underground Cables—The work of placing underground cables, electric wiring, etc., in the Zoological Park, to connect the different buildings, which contract was begun in 1905, was completed during the past year.

New Buildings—During the early part of the year the Boat House and Deer House, both of which were begun under contract in 1906, were completed, and have been in use for some months.

Southeast Entrance Gate—The southeast entrance gate to the Zoological Park, at Boston road and One Hundred and Eighty-second street, contract for which was awarded in 1905, was completed during the latter part of the year, and final payment for same will be rendered early in 1908.

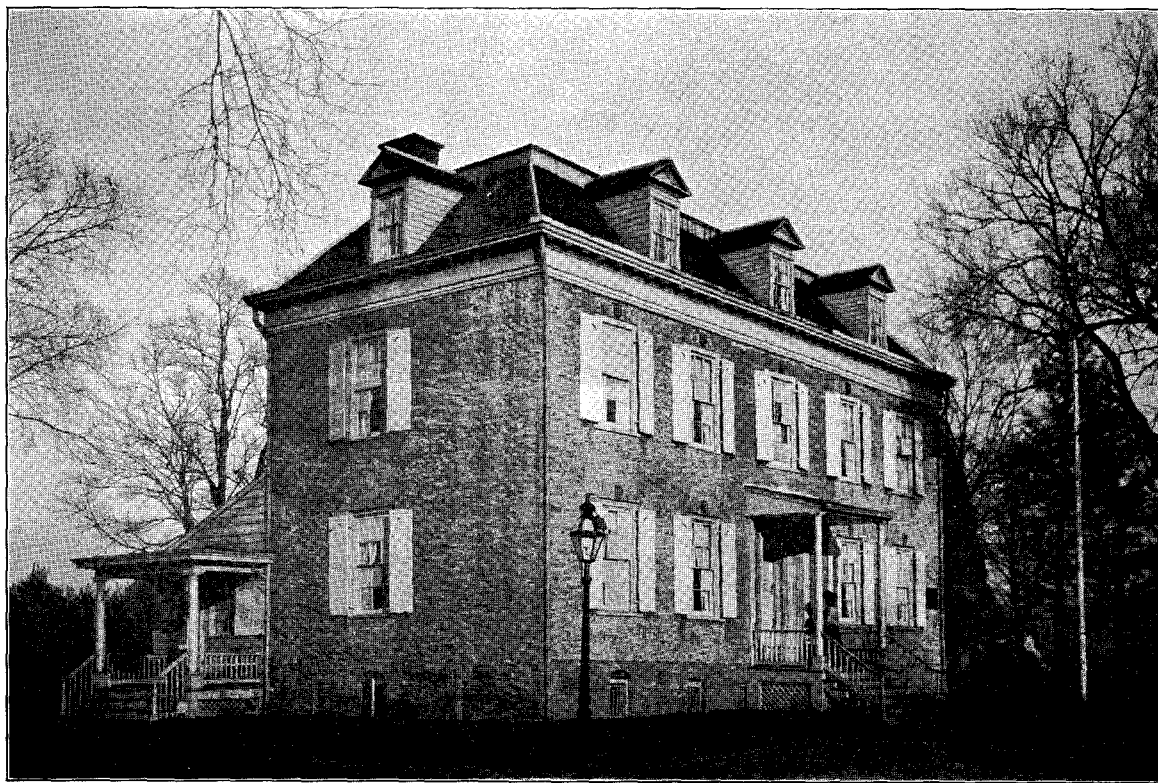
Soda Pavilion—A contract has been awarded for the erection of a soda pavilion near the west approach to Baird court. The excavation and masonry have been completed; the frame of the building has been erected; and the work should be finished about April 1, 1908.

Public Comfort Station—The public comfort station which is being erected, under contract, near Boston road and One Hundred and Eighty-second street, is nearly completed, and will probably be ready for occupancy about February 1, 1908.

Widening Boston Road—The work of widening this road from 20 to 30 feet, between One Hundred and Eighty-second street and the Bronx River Bridge, was completed during the year by park labor. About 1,100 feet was excavated for a width of 10 feet; the gully on the side of the road was filled in; and a retaining wall 100 feet long was built. The road was surfaced with trap rock and screenings from One Hundred and Eighty-second street to the Bronx River Bridge.

Other Improvements—Other improvements completed during the year consisted of the construction of the Plaza at the Boston road entrance, the completion of the West Farms block, the remodeling of the elk corrals, mountain goat corrals, and other enclosures for North American deer, and the construction of a new walk leading from the north end of the primates' house, southward past the side of the elephant enclosures, to connect on the service road with the walk leading to the small mammal house.





VAN CORTLANDT MANSION, VAN CORTLANDT PARK.

Living Animals—The collections of living animals on hand on December 31, 1907, showed for the year a marked increase over the number on hand at the end of 1906. The summary is as follows:

	Species.	Specimens.
Mammals .....	188	607
Birds .....	543	2,530
Reptiles and amphibians.....	134	897
Total .....	865	4,034

The death rate for the year was very low, and only two important animals were lost by death.

The most notable addition of the year consisted of an Indian rhinoceros, secured in May, of Carl Hagenbeck, at a cost of \$6,000. The specimen was then about a year and a half old. Unfortunately, the sight of one eye was defective, but, with this exception, the animal has remained in excellent health and has grown satisfactorily. It bids fair to make a satisfactory representative of this important species, specimens of which are very rarely seen in captivity.

The bison herd increased during the year by the birth of twelve calves, two of which, however, were born on the Wichita Forest Reserve, in the new bison range which has been stocked by the Zoological Society. This represents a very high percentage of births for the fourteen female bison on hand on January 1, 1907. With but one exception, these young animals are living and doing well.

On October 10, in accordance with the offer of the Society to the Government, fifteen bison were selected from our herd and shipped to the new range that has been made by the National Government on the Wichita Reserve. The shipment was accompanied by Mr. H. R. Mitchell and Mr. Sanborn, and the animals arrived in excellent condition. The Wells Fargo Express Company, the American Express Company and the New York Central and Hudson River Railroad Company furnished free transportation for the two cars of bison and their attendants from New York to Cache. The Forestry Bureau of the National Government erected corrals, sheds, etc., in accordance with plans furnished by the Zoological Society, and every effort is being put forth to care for the bison in a skillful and proper manner.

Attendance—The registered attendance of visitors to the enclosed grounds of the Zoological Park, during the year 1907, was 1,273,046.

Lectures—At the request of the Bronx Borough Teachers Association, representing the Board of Education, the officers of the Zoological Park fitted up the shelter pavilion with the necessary appliances for lectures, and three courses of lectures were delivered

to the pupils of thirty-five of the public schools of Bronx Borough. At each lecture the auditorium was filled to its full seating capacity. A request was received from the Board of Education that the facilities be so increased that the pupils of the schools of Manhattan Borough may be enabled to attend the lectures and demonstrations in the Zoological Park. It is undoubtedly desirable that this request be met at as early a date as possible, by the erection of a plain and inexpensive lecture pavilion of a permanent character.

**Planting Operations**—During the year 1907 the most important planting operations were the initial planting of the West Farm Block and around the Boat House; the completion of the planting at the Boston road entrance; and the planting of the Italian Garden at the north end of Baird court. Of all the ornamental planting in the park, the Italian Garden is the most important and conspicuous. It consists chiefly of ornamental evergreens banked against tall red cedars of varying heights, four groups of which surround an interior of flowers and box hedges. The effect as a whole has been found very pleasing to the public.

#### *Botanical Garden in Bronx Park.*

Considerable progress has been made in the development of all departments of the Botanical Garden during the past year. A large amount of additional construction work has been accomplished, which consists mainly of the following:

**Rubble Stone Foot Bridge**—A handsome rustic rubble stone boulder foot bridge has been erected, under contract, at the site of the old Blue Bridge, in the Botanical Garden. This is a great improvement on the old bridge, as it not only provides a unique permanent bridge, which is a most attractive feature in the garden, but it has also cleared the ground of boulders. These were culled from old stone walls in several parts of the garden. The path approach to the western end of this bridge had been previously built, and a temporary path approach to its eastern end has been made.

**Greenhouses, Boiler House and Steam Trench**—Early in the spring contracts were let for the construction of a range of greenhouses, a boiler house and a steam trench in the Botanical Garden. The boiler house and steam trench are nearly completed; and the masonry of the foundations of six of the range of greenhouses is about one-half completed. These greenhouses will supply a much-needed relief to the crowded condition of the first range of public conservatories, and, as soon as they have been completed, the necessary grading in the vicinity can be taken up. The driveway and path approaches to these buildings have been partially built, and a water main has been laid for their supply.

**Museum Buildings**—During the summer a contract was let for the erection of sixty-three new museum cases for the Museum Building, as the capacity was entirely inadequate for the largely increased numbers of specimens. These cases have been completed, and final payment for the same will be rendered early in 1908.



ENTRANCE TO ELEPHANT HOUSE.  
(Showing Dome of Building.)



BOULDER BRIDGE, BRONX PARK.

The general plan of work in this Department has been the same as in preceding years, looking toward the more complete and satisfactory illustration of the various groups of objects, by the addition of fruits, seeds, barks, wood and other products, and of photographs and other illustrations. Continued attention has been given also to the labeling of the collections. The addition of six large floor cases, on the above contract, in the basement of the museum hall, permits the display of a large number of additional specimens of fossil plants which have been held in storage, and this installation is now in progress.

Comfort Station—Plans and specifications were prepared for the erection of a comfort building in the Botanical Garden. The work was advertised, and bids were received, but the contract will not be let at present, owing to financial conditions.

Road System—The river road extending from the east end of the Long Bridge northwardly along the east side of the Bronx River to the Newell avenue entrance, on which work has been prosecuted at intervals for several years, was completed and thrown open for use in November, completing the driveway system in the northeastern part of the grounds. This road has a total length of a little over 2,000 feet, and forms a noteworthy addition to the driveway system.

The main driveway at the Lake Bridge, which had been unfinished since the completion of that structure two years ago, was paved and surfaced during the autumn, thus completing the main north and south driveway through the western part of the grounds.

The road leading from the main driveway, near the Bleecker street entrance, on the east side of the grounds, to the new public conservatories now under construction, was graded and nearly all the telford foundation laid during the year; its completion requires trap rock and screenings. These were advertised for, but the contract was not let, on account of the financial conditions.

A beginning was made in grading the portion of the main driveway still to be constructed, from a point near the Bleecker street entrance to the southeastern corner of the grounds, in accordance with the original plan, and stone for the telford foundation of a part of this road is being assembled during the winter, taken from the quarry behind the museum building. This is now the only remaining portion of the driveway system to be built, a total length of about 1,800 feet.

Path System—The construction of the path system has been continued at a number of different points, and much progress has been made. The paths about the lakes north and east of the museum building, and those on the fruticetum plain, partially built in preceding years, were completed. The paths leading from the museum building and the herbaceous grounds, through the economic garden and adjoining areas, were completely built. The path leading from the herbaceous garden southward through the woods to the Bronx Park entrance, partially constructed in previous years, was also completed. A commencement was made in the construction of paths leading from the

Long Bridge eastwardly toward the new public conservatories, and in those leading from the fruticetum northwardly through the north meadows to the upper driveway bridge.

The total length of paths built and completed during the year is about 8,000 feet.

All the previously constructed driveways and paths that needed resurfacing were covered with a layer of trap rock and screenings during the autumn, and thoroughly rolled, the entire driveway and path system, so far as constructed, being now in excellent condition, excepting at a few points where slight repairs and small amounts of additional construction are necessary.

It is very desirable that the work of path building be continued during the coming year, in the eastern part of the Botanical Garden, in order to connect the new public conservatories with the bridges over the Bronx River.

Grading—Continued progress has been made during the year in excavating earth and rock at the rear of the museum building, all the excavated material having been used for filling in at various parts of the grounds, or for the telford foundation of driveways and paths, and the work has been progressing during the winter. Much still remains to be done at this point in order to establish the grades called for in the general plan; but, inasmuch as all the earth and rock are needed for filling or for road and path building, double work is being accomplished. It is estimated that enough rock and earth to nearly or quite complete the road and path system remains. It will be possible in the spring to bring nearly an acre of the area behind the museum building to finished lawn.

The filling in and grading required at both ends of the Lake Bridge and at both ends of the Long Bridge was completed during the season. Considerable progress has been made in filling in low places in the north meadows, while building paths in that part of the grounds.

Much additional grading was done along the river road and along the road leading to the new public conservatories.

In the herbaceous grounds the sides of the brook, which runs north and south through the middle of the valley, were regraded, and the brook edges were stoned up, greatly improving the valley. The top soil needed for these grading operations was all obtained by carefully stripping and saving it from the lines of paths and roads.

Drainage—Accompanying the construction of roads and paths additional catch basins with drain pipe connections have been constructed, and the system of grass gutters along the driveways has been continued. The overflow from the bronze fountain in front of the museum building, which was temporarily discharged into one of the sewers and thus wasted was turned into the drain system which empties into the upper lake by means of a drain pipe connection about 400 feet long under the lawn south



BRONZE FOUNTAIN, BOTANICAL GARDEN, BRONX PARK.



of the museum building; this waste water has kept the upper lake at overflow throughout the season, although the fountain has been played only about ten hours a day.

During grading work in the herbaceous gardens and in the establishment of the aquatic system in the economic garden, several hundred feet of tile drain were used, much improving the drainage of that valley.

At the power house of the new conservatories, a 12-inch vitrified tile drain was laid for a distance of about 150 feet, passing under the floor of that building; as the construction work proceeds at this point, much additional drain pipe will have to be laid, inasmuch as the excavations for the cellars both of the power house and of three of the green houses have shown the existence of springs.

**Boundary Fences**—A contract was awarded in October for a boundary wall and fence along the property line of Fordham University, extending from the elevated railway station on the west to the Southern boulevard entrance on the east, a distance of about 2,000 feet. Nothing has as yet been done on this contract, as all construction work was stopped by order of the Comptroller.

**Plants and Planting**—Planting was carried on at various parts of the Botanical Garden during the spring and fall, the Society taking advantage of the large amount of additional land prepared for planting during the past two years. This work included the completion of the west border along the New York Central and Hudson River Railroad, which was broken by the construction of the approaches to the Mosholu parkway and to the Woodlawn road, and the filling in of the gap near the west end of the upper lake; the completion of the planting of the economic garden in the glade southwest of the museum building; the planting of flower gardens in the rectangular plots at the north side of the first range of public conservatories, and increasing the systematic collections in the herbaceous grounds, the fruticetum, the pinetum and the arboretum, together with the establishment of decorative groups of shrubs at several points.

**Educational Work, etc.**—The labelling of collections has been brought to a very efficient stage, and the educational work of the institution has been expanded. The use of the library by students and visitors is increasing, as the collection becomes more complete; 592 volumes were added during the year, the total number of volumes being now 20,458.

The laboratories have been used by many students pursuing special investigations during the year.

The public lectures delivered at the museum building on Saturday afternoons during spring and autumn have been continued to appreciative audiences. Consideration has been given to the desirability of extending these lectures into the summer, but this has not been attempted as yet. It does not seem probable that audiences could be assembled for such lectures during the winter months, but a course of summer lectures might prove desirable.

The lectures and demonstrations to children and teachers of the public schools, in connection with their nature studies, were continued during the spring, from April 19 to June 4, in co-operation with the Principals and District Superintendents of the Borough of The Bronx and of the upper school districts of Manhattan.

*Crotona Park.*

(Area, 154.6 Acres.)

Improvement of Grounds North of Municipal Building—Plans and specifications were prepared for the improvement of this park north of the Municipal Building for a distance of 300 feet from Third avenue. This improvement includes the widening of the sidewalk by blasting away the rocks from the bank and the building of a low wall, and a flight of steps from One Hundred and Seventy-seventh street up to the Municipal Building. The contract was awarded to A. L. Guidone in August; about half of the excavation is completed and about half of the wall built, excepting the coping. The work should be completed about June 1 of the following year.

Wall—A 375-foot wall with coping was built around a small pond near the lake and the pond was deepened and enlarged, and paths were built around the same, all work being done by park labor. About 340 feet of stone wall was also built around the grand stand in the north end of the park.

Walks, Paths, etc.—About 2,500 linear feet of paths and walks were built in this park during the past year, including two flights of stone steps, and about 8 acres were graded and filled in, including top soiling; all work was done by park labor.

General Improvement—About 125 feet of top soil was filled in and graded in front of the music stand, and 800 square feet of sod laid on same. Two flights of stone steps, each consisting of twelve steps, were built leading up from Crotona avenue to the music stand, and two small telford paths, 25 feet long and 12 feet wide, were built leading up to the new stone steps.

Three brick basins, with 15 lengths of vitrified drainpipes, were laid, extending out to Crotona avenue; also brick gutters were built leading to these basins.

Several new tennis courts and baseball diamonds were laid out in this park during the year, and the existing courts and diamonds were all cleaned, marked and put in first-class condition during the summer.

Flower beds were cleaned, watered and cultivated, shrubs cultivated and pruned, and the trees on Crotona avenue and Crotona parkway were cultivated and pruned.

*Macomb's Dam Park.*

(Area, 27 Acres.)

Cromwells Creek—The New York Central and Hudson River Railroad Company are now filling in the bed of Cromwells Creek, which work is being done by them without expense to the City.

Athletic Grounds, etc.—The athletic grounds were cleaned and repaired during the summer. The tennis courts were raised by putting on two or three loads of ashes and covering the same with a layer of clay; and the courts were marked and kept rolled daily.

Plans were prepared for the erection of an athletes' lodge on the athletic field, and application was made for funds to build the same, but the appropriation has not as yet been granted.

Drinking Fountain—Plans were prepared for a very handsome and elaborate stone drinking fountain to be erected at the junction of the approach to the Central Bridge and Jerome avenue in this park. These plans have been submitted to the Municipal Art Commission; they have not as yet been approved by that body, but undoubtedly will be, as the original plans have been changed to meet the suggestions made by the Commission. The sum appropriated, \$3,000, is hardly adequate for the completion of the fountain upon the plans devised, and it is hoped that additional funds will be appropriated in the near future, as the necessity for a drinking fountain at this point, for both man and beast, is very generally conceded. The amount originally asked for was \$6,000.

Pipe Railing—About 1,800 linear feet of pipe railing has been erected in this park, the material being furnished by contract and the work of erection and painting being done by park employees. This is an excellent job, and is much appreciated by the public visiting this park, and is also a material aid to the proper policing and protecting of park grounds.

Minor Improvements—About 1½ acres of filling in and grading has been completed in this park during the past year, between One Hundred and Sixty-first and One Hundred and Sixty-second streets, the material being brought from various points, and the work was prosecuted by park labor until stopped by request of the Comptroller.

A substantial iron fence has been erected along both sides of the New York Central and Hudson River Railroad, through the entire park.

The plantation in this park was thoroughly overhauled; dead and broken trees were removed and replaced with other trees and shrubs, thoroughly pruned and cultivated.

#### *Claremont Park.*

(Area, 38 Acres.)

Clay Avenue Side of Park—Considerable grading has been done on this side of the park, during the past year, both north and south of the Wendover avenue entrance to the park, all work being done by park labor. That portion of the easterly side of the park lying north of the Wendover avenue entrance has nearly all been graded and put into first class shape, except seeding and the construction of one path, which

work should be continued to completion in the spring, as soon as the weather conditions will permit.

A walk was constructed from Clay avenue and One Hundred and Seventy-first street, for a distance of 250 feet, connecting with the steps west of Clay avenue.

The sidewalk on the west side of Clay avenue was graded and regulated north and south of One Hundred and Seventy-first street, for a distance of 200 feet.

It will be impossible to complete that portion south of the Wendover entrance, with the funds available at this time, and it is hoped that sufficient funds will be had in the near future to put the whole of the easterly side of this park in presentable shape.

Paths, Walks, etc.—The old path leading from a point near the Mansion down the hill toward the north, was completely rebuilt, with a rustic wood railing and substantial gutters on both sides.

A new path was constructed near the northeasterly corner of the park, leading to the foot of the steps built on Belmont street, and the walks in the northeasterly part of the park, west of Clay avenue, were reconstructed for a distance of about 1,600 feet, and resurfaced with trap rock and screenings. All of the terraces at this part of the park were sodded, and gutters were laid along the new paths built.

In all, about 1,250 linear feet of paths, including several short flights of stone steps where necessary, were built in this park during the year.

Railing—About 1,000 linear feet of rustic and iron railing was placed along the different paths and walks in this park during the year. The iron railing recently erected has not as yet been painted, as all work was discontinued, and it is in a very bad condition from rust, and should be painted at once, as a matter of economy.

All the walks in the park were sodded on both sides, about 12,000 square feet of sod having been placed thereon.

Trees, etc.—In this park over fifty dead and dying trees, ash, chestnut and some fruit trees, were cut down, and the wood disposed of at public auction. Wherever a tree was cut down or removed, a young tree was planted in its place.

#### *St. Marys Park.*

(Area, 28.7 Acres.)

Music Stand—A new and handsome music stand was erected in this park during the year, to take the place of the old and dilapidated one which was torn down. All of this work was done by park labor, and is a very good job and a much needed improvement.

Asphalting Existing Walks—About 10,000 square yards of the existing walks in this park have been surfaced with asphalt, the work being begun in the year 1905, and completed during the early part of the past year, under contract, final payment for

which was rendered in May, 1907. The completion of this work was of great importance to the maintenance of this park, as the old cinder paths were frequently badly washed out, and in some instances destroyed, at every severe rain storm.

There is also a balance of funds available for the asphaltting of existing walks in this park, which should be used as soon as the weather conditions will permit in the spring. This balance was due to the very low price bid for the asphaltting of the walks on the previous contract.

Paths, Walks, etc.—The work of resurfacing the Old Passage road was completed during the year, and a new walk partly completed from the southerly end to the northerly end of the park, along this road. Also about 1,000 linear feet of paths were constructed in other portions of the park, the screenings being furnished by contract, and the work being done by park labor.

A single strip of sod was placed along the newly asphalted walks for a distance of 1,530 feet.

Grading, Filling in, etc.—Considerable grading and filling in has been done in the easterly and southeasterly portions of the park, and part of the ground has been leveled and a baseball diamond laid out. Considerable grading is yet required in portions of the park, before the path system can be completed. This should be done as early as possible, or when the materials can be had for grading, without too great expense to the City.

Fencing—All of the existing fences around this park were painted during the year by park labor. Funds for fencing a portion of the park were appropriated, and the work was about to be begun, the material to be furnished by contract and the work to be done by park labor, when all work on bond account was discontinued, at the request of the Finance Department.

The stone wall at the south end of the park was removed, and the bank graded and sodded.

*Franz Sigel Park.*

(Area, 17.5 Acres.)

Grading—Considerable filling in and grading was done in the southerly end of this park during the past year, but it is still in a very unfinished condition, and should be improved as soon as possible. Application for funds for this work was made early in the year, but no appropriation was granted, and the work done here during the year was done from funds of general park improvement.

Paths—The paths on the Walton avenue side of the park were rebuilt and put into first class condition during the past year.

Comfort Station—The material for remodeling the comfort station in this park, which was advertised for during the year 1906, but for which no bids were received,

was furnished on contract during the past year, and the work of building was all done by park labor. The comfort station is completed, and presents a handsome appearance, a great improvement on the former unsightly building.

*St. James Park.*

(Area, 11.83 Acres.)

**Foundation Wall**—A decided change of grade along the Creston avenue side of this park, which change brought the elevation nearly up to the top of the wrought iron fence, on a portion rendered it necessary that a retaining wall be constructed, and the fence re-erected thereon. This work was commenced by park employees, nearly all of the excavation made, and nearly all the foundation wall material delivered, when the Finance Department requested that work be stopped, on account of the money stringency. This work should go on at once, as the excavated wall trench and the material piled on the sidewalk are a source of inconvenience and danger.

**Fence**—The fence along the westerly side of the park was thoroughly cleaned and painted, the work being done by park labor.

*Echo Park.*

(Area, 4 Acres.)

**Grading, Terracing, etc.**—Half of the Burnside avenue side of this park was filled in and graded during the year. This work should be completed as soon as possible, as portions of the park are not only unsightly, but, in their present condition, dangerous.

The northerly end of the park was terraced and sodded. This much needed improvement was made by park labor, and has very much improved the appearance of this portion of the park. Considerable more work remains to be done here, which cannot be completed until such time as the grading of Ryer avenue has been finished.

*Small Parks.*

**Railing**—Nearly 12,000 linear feet of substantial wrought iron pipe railing, with malleable iron posts and cresting, has been erected by park labor around the major portions of the small parks and squares in The Bronx, a portion of which fencing has been painted; and the completed portion is a first class job, and a most decided improvement, converting the small squares into parks, instead of commons as they were prior to the erection of the railing.

The work of erecting and painting this railing was discontinued on account of financial conditions, but the painting, at least, should be proceeded with at once, as the portions that are not galvanized are rusting badly, and if they are left until spring in their present condition, the cost of painting will be very much increased.

The material for this railing was purchased under contract, and specifications were prepared and bids received for 10,000 feet additional, but the contract for this additional quantity has not yet received the assent of the Comptroller. It is hoped that such approval will be had in the near future, as the continuation of this improvement is a matter of much importance to our park system.

**General Improvement**—In a number of the small parks and squares dead and dying trees were removed and replaced with young trees from The Bronx nurseries, about one hundred trees having been planted in the different parks and squares.

*Bronx and Pelham Parkway.*

(Length, 11,861 Feet; Width, 400 Feet.)

A vast amount of work was done on this parkway during the past year by park labor. The parkway is at present in good condition, but it is due entirely to the constant attention and care given it. Much damage is done to this roadbed during every rain storm; the road is constructed with very little crown to it, for so great a width, and the inefficiency of the gutters allows the water to run over the roadway in many places, thus cutting up the road and making constant repairs necessary. In one part of the roadway, the road has been constructed on swamp land, and filled in with large rocks, and after every rain storm large sections of the paths and roadbed disappear, and the washouts cause constant annoyance and make it a very hard road to maintain. A great deal of this has been remedied by the construction of the new cobblestone gutters, over 2,000 linear feet of new gutters having been built during the past year, and about 10,650 feet of the old gutters having been taken up and the gutters widened to two feet, and relaid with cobblestone, with a curbing of rough stone. These gutters help to confine the water which flows along the sides to the catch basins and culverts.

**Entire Length Resurfaced**—During the year, the parkway has been resurfaced from White Plains road to the junction of the parkway with the Eastern Boulevard, near the entrance to the Athletic Fields. This work, which was performed by park labor, consisted for the greater part of picking up the old surface with one of our road rollers, the application of broken stone and screenings, which were thoroughly rolled, and the job of revamping this roadway was a thoroughly good one; but the tremendous automobile traffic is again getting the surface in bad shape, even in portions where extraordinary care and a vast deal of time were expended, to make a telford macadam road as perfect as human ingenuity could devise.

This would seem to indicate that the telford macadam pavement on this parkway is a failure, under present conditions, and that some form of permanent paving must be resorted to, if this driveway is to be kept in proper shape. That portion west of the old Bear Swamp road, laid with asphalt, is in very good condition, but this new material has not been in use long enough to prove its wearing qualities.

**Paths**—About one-half mile of paths have been built on this parkway, by park labor, during the year. These paths extend from a point near the New York, New Haven and Hartford Railroad to the junction of the parkway with Eastern Boulevard.

**Trench, Top Soil, etc.**—From the Eastchester road to the crossing of the New York, New Haven and Hartford Railroad, for the whole distance on the southerly side, and about one-third of the distance on the northerly side, trenches have been excavated for a width of 4 feet and a depth of 2 feet, and filled in with first class top soil.

**New Roadway Along Southerly Boundary**—The work of constructing a traffic road and sidewalk along the southerly boundary of this parkway was begun by park labor, and prosecuted vigorously with such force as could be spared from other park work, up to the time that we were obliged to discontinue work on account of the financial stringency. The road, as graded, has a width of 30 feet, with a sidewalk of 18 feet, and it is very much to be regretted that this work could not be continued to completion, as its necessity is unquestioned, and it would remove from the main driveway most of the business traffic, furnish a channel through which sewers and gas and water pipes could be laid, and afford an avenue of egress to people who are about to build residences along the southern boundary of this parkway. Its construction would, moreover, obviate the necessity of people now living along the parkway crossing over to the main driveway, to the great detriment of park lands.

Very many of the lands on the southern boundary are now in the hands of bona fide prospective builders of residences, who will undoubtedly proceed to build as soon as this road has been constructed. Up to the time of discontinuance of the work, we had graded fully two-thirds of the road and walk between the White Plains and Westchester roads, and had stripped all of the rock preparatory to drilling and blasting, which could be profitably done in the winter season. Between the Westchester and Eastchester roads, three-fourths of the clearing had been done, and upwards of 1,000 feet of roadway graded or partly graded, with the comparatively small force engaged on that portion. From the Eastchester road, easterly to the New York, New Haven and Hartford Railroad, all clearing had been completed, and several hundred feet of the roadway and walk had been graded. Much of the grading done here was on that portion where the greatest excavation is necessary, and the amount of work done by the small force employed has been considerable.

In view of the great necessity for the completion of this work in the near future every effort should be made to have it continued as soon as possible, as few improvements that have been made in the past half-dozen years were more desirable and redounded more to the credit of the Department.

**Rustic Stone Fountain**—Plans were prepared for a handsome rustic stone fountain to be erected on this parkway at a point 1,000 feet easterly from the crossing over the New York, New Haven and Hartford Railroad, which plans





NEW DRINKING FOUNTAIN, PELHAM PARK.

received the approval and commendation of the Municipal Art Commission. This fountain was constructed from large weathered rocks and boulders, on a very substantial concrete foundation, and when partially vine-covered, as the design contemplates, will be a very handsome ornament to the parkway; and the large drinking basin for horses, nearly 7 by 14 feet, and the drinking place in the rear for man, are features that will be very much appreciated. All work, including the plumbing, fittings, construction of paths adjacent, change in the roadway, etc., excepting the modelling and molding of the two fine lion heads, was performed by park labor.

**Planting**—The plantation along the easterly side of the parkway has been completed from Baychester road to Eastchester road, 50 elms and 5,000 shrubs having been used. Trees along the parkway have been cultivated, pruned and sprayed; four dead trees were removed and replaced with live trees, and the entire plantation along the parkway from Eastchester road to Pelham, a distance of about two miles, was pruned, cultivated and cleaned, and the grass was cut and borders were edged at various times during the year, as found necessary.

#### *Mosholu Parkway.*

(Length, 6,035 Feet; Width, 600 Feet.)

**Completion of Improvement**—The work of improving this parkway, under contract with John B. Malatesta, was begun in the year 1906, and finished in April of the past year. This improvement consisted of grading portions of the lands outside of the driveways, constructing brick culverts and road basins, levelling, seeding, etc. The work covered the major portions of the parkway from Webster avenue to Van Cortlandt Park, and has put a large portion of it in a very presentable shape.

There remains, however, a large amount of work still to be done, in order that the whole parkway shall be completed from Bronx Park to Van Cortlandt Park, and the small amount of funds now available will not suffice to complete it in proper shape.

**Filling in Old Railroad and Swamp Lands**—During the past year the old Jerome Park railroad, crossing this parkway about half way between Webster and Jerome avenues, has been abandoned; the rails and cross-ties were removed; the work of filling in the old railroad cut was immediately begun by park labor, and the roadways and part of the old cut were brought up to proper grades, a most decided improvement. A large portion of the swampy lands east of Jerome avenue has been filled in also, all work being done by park labor, but considerable still remains to be done.

**The Glen**—Work was begun by park labor on the improvement of the Glen, at Webster avenue and Mosholu Parkway South, but was discontinued on account of the financial trouble. This work, however, should be continued, as it is important that it be finished, since, in its present condition, it is both unsightly and unsanitary.

Railing—A heavy rustic cedar railing has been built on both sides of this parkway, between the Webster avenue bridge and the railroad bridge. This is a fine piece of work, and has all been done by park labor.

Baseball Ground—A baseball ground has been laid out on this parkway south of the road between the above named bridges and east of Webster avenue. This space could not for the present be made available for other park purposes; hence the construction of a baseball field there.

*Spuyten Duyvil Parkway.*

(Length, 11,500 Feet; Width, 60-180 Feet.)

Gutters—During the year 2,500 linear feet of gutters have been relaid on this parkway, and 1,800 linear feet of new gutters built, all work being done in a very satisfactory manner by park labor.

Paths, Grading, etc.—About 800 linear feet of paths have been constructed across the Glen at the large loop west of the road leading to Dash's lane. This improvement, which was made by park labor, has proven a great convenience to pedestrians.

The banks on both sides of portions of this parkway have been improved, the work consisting of grading, terracing, seeding, etc., all work being done by park labor.

Retaining Wall—Plans and specifications for a retaining wall, to be constructed at the big loop near the westerly terminus of this parkway, were prepared, bids received and a contract was entered into for its construction; but the contract has not as yet been approved by the Comptroller. As this work is very necessary, his approval is very much to be desired, as the work should be begun as early as possible in the coming spring.

Bridle Path—Application has been made for the construction of a bridle path along the southerly side of this parkway, and investigations are under way to ascertain whether the conditions are such that the building of this path is desirable—whether it can be made without the destruction of many parkway features or becoming a source of inconvenience, if not of positive danger.

I am informed that when the roadway of this parkway was completed the Department was unable, owing to insufficient funds, to construct the gutters to the full width for the whole length of the parkway. A large portion was made only eighteen inches wide, and all these narrow portions were of no use whatever. All portions not already rebuilt should be rebuilt at once, as great damage is being done to the roadway at every rainstorm.

Broken stone and screenings were purchased under contract for the resurfacing of the roadway, and delivery was begun, but had to be discontinued on account of financial troubles. This work should be prosecuted as early as possible in the spring, as the road, by reason of insufficient gutters, is in a rather dilapidated state at this time.

*Tree Guards.*

Fifteen hundred tree guards have been furnished under contract and placed around the trees on several of the parkways, where the trees were being greatly damaged by reason of a lack of proper protection; also around young trees on the city streets. There are still a number of trees on parkways that should be protected with guards, as soon as funds are available for their purchase.

*Street Trees.*

The care of the trees in the city streets has been a harder task during the past year than it has been in previous years, the very dry spell during the summer, also several very heavy wind storms, having caused a large number of trees to die and to be damaged by the breaking of branches and uprooting of a large number of trees. The complaints in regard to dead and dangerous trees and requests to this Department to prune trees average eighteen to twenty a week. To attend to these requests an emergency gang of five men, with a horse and wagon and all necessary tools, is kept constantly busy, and considering the vast amount of territory to be covered, the work accomplished with the small number of men has been very satisfactory.

The spraying of trees was undertaken on a much larger scale during the summer than heretofore, two machines being in use in different sections of the borough.

A contract was awarded late in September for furnishing and planting trees in the streets of the borough, the work being supervised by the head gardener. About 800 trees have been planted and protected with tree guards, and the work will be continued as soon as the weather conditions will permit.

*Forestry Work.*

This branch of park improvement has been carried on very extensively during the past year. A gang of men has been employed in each park felling trees, cutting out broken branches and diseased trees and cleaning out underbrush wherever necessary. In Crotona Park over one hundred trees, mostly chestnut, have been cut down and disposed of at public auction.

A new departure has been made in cutting down these dead and dying trees in that wherever a tree has been removed or cut down a young tree has been planted in its place. Also, wherever it is found necessary to dig up a tree, unless in low swamp lands which have to be filled in, the roots are entirely cleaned away and the soil replaced and made ready to receive young trees in the spring. This work will prove of great value to the hundreds of acres of forests which lie within the park limits of The Bronx.

All dead wood removed from park lands was sold to the highest bidder at public auction.

During the year gangs of men have started at one end of a park to work the entire area of forest, marking dead, diseased, broken or uprooted trees, and making

a record of the condition of the trees in the different parks. This work, as planned for the coming year, even on a much larger scale than during the past year, will, in the course of a few years, show such good results that it will undoubtedly become a permanent feature in the forestry work of the Department.

*Permits.*

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

	Athletic Field.	Camping.	Baseball.	Croquet.	Football.	Golf.	Lawn Tennis.
Van Cortlandt Park.....	....	....	222	....	36	1,065	416
Crotona Park.....	....	....	143	2	15	....	831
Pelham Bay Park.....	72	300	52	....	1	....	25
Macombs Dam Park.....	70	....	111	....	26	....	685
Claremont Park .....	....	....	21	35	4	....	273
St. Marys Park.....	....	....	2	7	7	....	80
St. James Park.....	....	....	5	....	3	....	44
Bronx Park.....	....	....	....	....	....	....	87
Franz Sigel Park.....	....	....	....	....	....	....	25
Poe Park.....	....	....	....	2	2	....	10
Moshulu Parkway.....	....	....	4	....	....	....	10
Total.....	142	300	560	46	94	1,065	2,486

In addition to the above 648 permits were granted for holding May parties, June walks and other outings in the various parks, the total attendance being 121,845, an increase of 23,095 over that of last year. About 200 permits were issued for cricket, basket ball, etc.

*Band Concerts.*

Commencing July 14 band concerts were given until September 15 on Sundays in Pelham Bay, Van Cortlandt, Bronx, Claremont, Macombs Dam, St. James and St. Marys parks, and on Saturday afternoons in Crotona and Franz Sigel parks.

There is no form of free amusement furnished by the City which is more appreciated and enjoyed by the public than are these free concerts. Each succeeding year witnesses a large increase in the attendance, and the concerts are instructive from a musical standpoint, consisting as they do of a mixed selection of classical and popular music, and being assisted, in most cases, by a professional soloist, vocal or instrumental.

*Miscellaneous.*

Considerable hay which was growing in park lands was cut down and sold at auction during the last quarter, the cutting being done by the purchaser, but supervised by a park inspector.

All rentals of buildings and privileges for the sale of refreshments, etc., on park lands which expired during the past year were advertised and let to the highest bidders, at prices considerably in advance of those formerly received.

*Statement of Balances and Appropria*

Title of Appropriation.	Appropriation.
Administration, 1907.....	\$11,100 00
Maintenance and Construction, 1907.....	289,774 68
Music, 1907 .....	9,000 00
Supplies and Contingencies, 1907.....	1,500 00
Surveys, Maps and Plans, 1907.....	750 00
Forestry Work, 1907.....	4,000 00
Salaries of Chief Engineer and Employees, 1907.....	16,030 00
Maintenance of Botanical Gardens, 1907.....	75,000 00
Maintenance of Zoological Gardens, 1907.....	141,558.75
Care of Trees in City Streets, 1907.....	20,000 00
Revenue Bond Fund.	
Maintenance and Construction, Deficiency in Appropriation, 1907.....	46,000 00

tions, Year Ending December 31, 1907.

Transferred to.	Total.	Payments.	Transferred from.	Total.	Balance January 1, 1908.
.....	\$11,100 00	\$10,178 57	\$915 18	\$11,093 75	\$6 25
.....	289,774 68	285,031 47	.....	285,031 47	4,743 21
.....	9,000 00	8,995 00	5 00	9,000 00	.....
.....	1,500 00	1,009 10	400 00	1,409 10	90 90
.....	750 00	287 39	462 61	750 00	.....
\$2,736 40	6,736 40	6,736 40	.....	6,736 40	.....
.....	16,030 00	15,076 39	953 61	16,030 00	.....
.....	75,000 00	69,982 96	.....	69,982 96	5,017 04
.....	141,558 75	125,658 84	.....	125,658 84	15,899 91
.....	20,000 00	20,000 00	.....	20,000 00	.....
.....	46,000 00	46,000 00	.....	46,000 00	.....



*Receipts.*

From rents, privileges, rent for lockers, building projections, etc.....	\$11,216 42
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*Expenditures, Bond Accounts.*

New York Zoological Garden Fund.....	\$217,698 38
Botanical Garden in Bronx Park, Improving, etc.....	61,256 17
Improvement and Construction of Parks, Parkways, Playgrounds, Boule- vards and Driveways.....	151,997 84
Improvement of Parks, Parkways and Drives.....	1,613 10

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*General Title: Improvement and Construction of Parks, Parkways, Playgrounds,  
Boulevards and Driveways.*

*Subtitle—*

Construction of plantations, two side paths, etc., Mosholu parkway..	\$21,242 11
Construction of comfort station and shelter house on Polo Grounds, Van Cortlandt Park.....	12,027 72
Regulating, grading and filling Macombs Dam Park.....	4,392 61
Construction of new macadam road from Grand avenue, Van Cort- landt Park, about 6,500 feet to city line.....	5,308 44
Construction of ditches and drains, etc., vicinity of Rockwood drive, Van Cortlandt Park.....	56 87
Laying asphalt walks on concrete foundation in St. Marys Park....	7,954 19
Widening and reconstructing Boston road from the bridge across the Bronx river to One Hundred and Eightieth street.....	6,924 48
Improvement of Clay avenue side of Claremont Park, south of the main entrance .....	12,440 46
Construction of railings and fences around small parks.....	14,080 94
Reconstruction and equipment of comfort building, Franz Sigel Park	2,534 15
Furnishing, erecting and connecting drinking fountain on the Bronx and Pelham parkway.....	5,521 92
Improvement of One Hundred and Seventy-seventh street side of Crotona Park, from Third avenue.....	4,924 51

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*General Title, Department of Parks, Borough of The Bronx.**Subtitle—*

Improvement of Mosholu Parkway.....	\$4,016 84
Improvement of Bronx and Pelham Parkway.....	20,093 25
Improvement of St. James Park.....	3,245 45
Improvement of Claremont Park on the Clay avenue side.....	2,217 05
Construction of bathhouses and shelter house at Orchard Beach, Pel- ham Bay Park .....	2,312 17
Improvement of Spuyten Duyvil Parkway.....	5,571 01

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*Street Improvement Fund.*

Work contracted for after January 1, 1898.....	\$7,558 37
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**BOROUGHES OF BROOKLYN AND QUEENS.**

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Department of Parks,  
Boroughs of Brooklyn and Queens, }  
Litchfield Mansion, Prospect Park, }  
Brooklyn, December 31, 1907. }

**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 under-  
taken and accomplished in this department for the year  
just closed.

I have the honor to remain,

Very truly yours,

**M. J. KENNEDY, Commissioner.**

## REPORT OF THE COMMISSIONER OF PARKS FOR THE BOROUGHES OF BROOKLYN AND QUEENS.

The efforts of the Department of Parks for the Boroughs of Brooklyn and Queens during the year just closed were mainly directed toward the improvement and betterment of the various parks under its jurisdiction.

### *Prospect Park.*

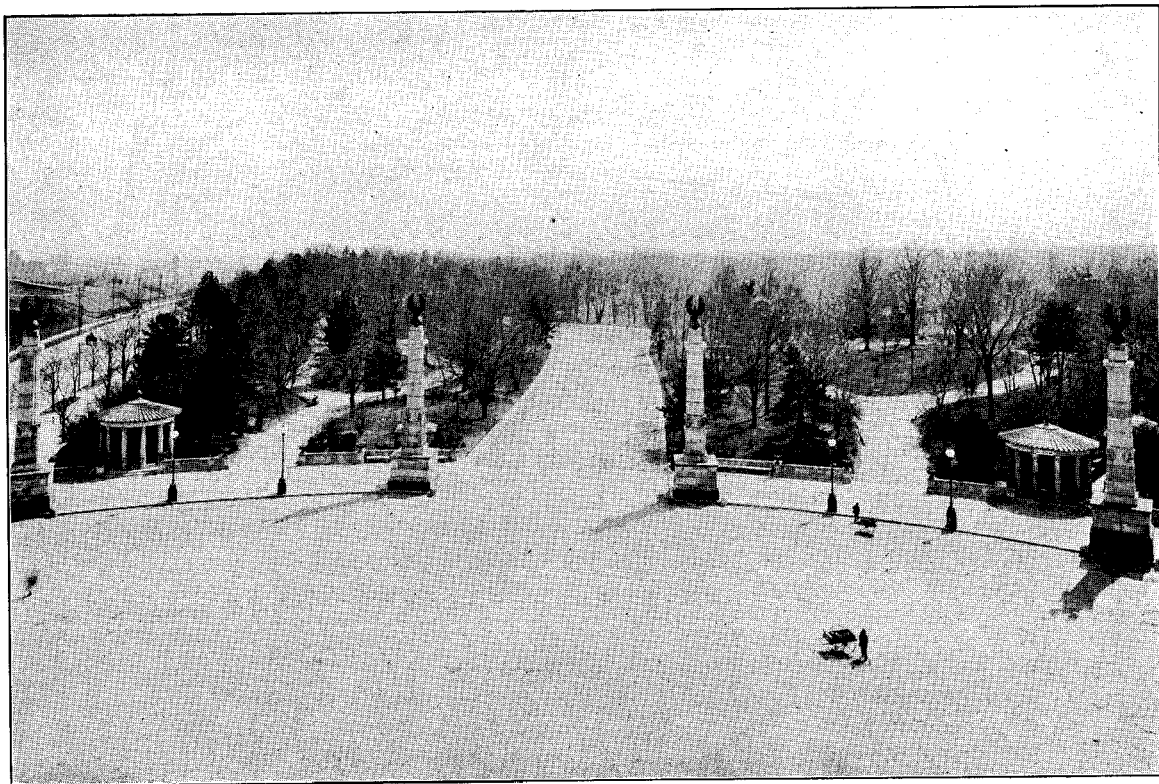
Prospect Park, the most important pleasure ground in the system, received the greatest amount of attention.

For some years past the forest trees which form the chief attraction of this park have been greatly impaired and reduced by the injurious effect of disease and other causes. During the past few years, however, the American chestnut trees, one of the most numerous species of our forest trees, were attacked by a fungus, which, although vigorously combatted by all means known to the forester, has practically exterminated these trees. Systematic efforts to save the chestnuts by cutting off diseased limbs and branches brought no relief, and while the forces of the department were directed towards the removal of the dead trees, in order to check the spread of the fungus, this could not be accomplished. As a result there were lost in this park alone over fourteen hundred (1,400) trees, all of which have been cut down and made into cordwood. To replace this loss there were planted during the year ten hundred and fifty-three (1,053) young and vigorous trees and over thirty-two hundred (3,200) flowering and other shrubs. Over four thousand (4,000) trees were trimmed, filled and treated. Large areas of turf which had become worn and vitiated were recoated with mould and seeded, or, where necessary, sodded, upward of one hundred and forty-three thousand (143,000) square feet of sod being used for this purpose and twelve thousand two hundred and sixty-eight (12,268) cubic yards of mould were delivered and spread.

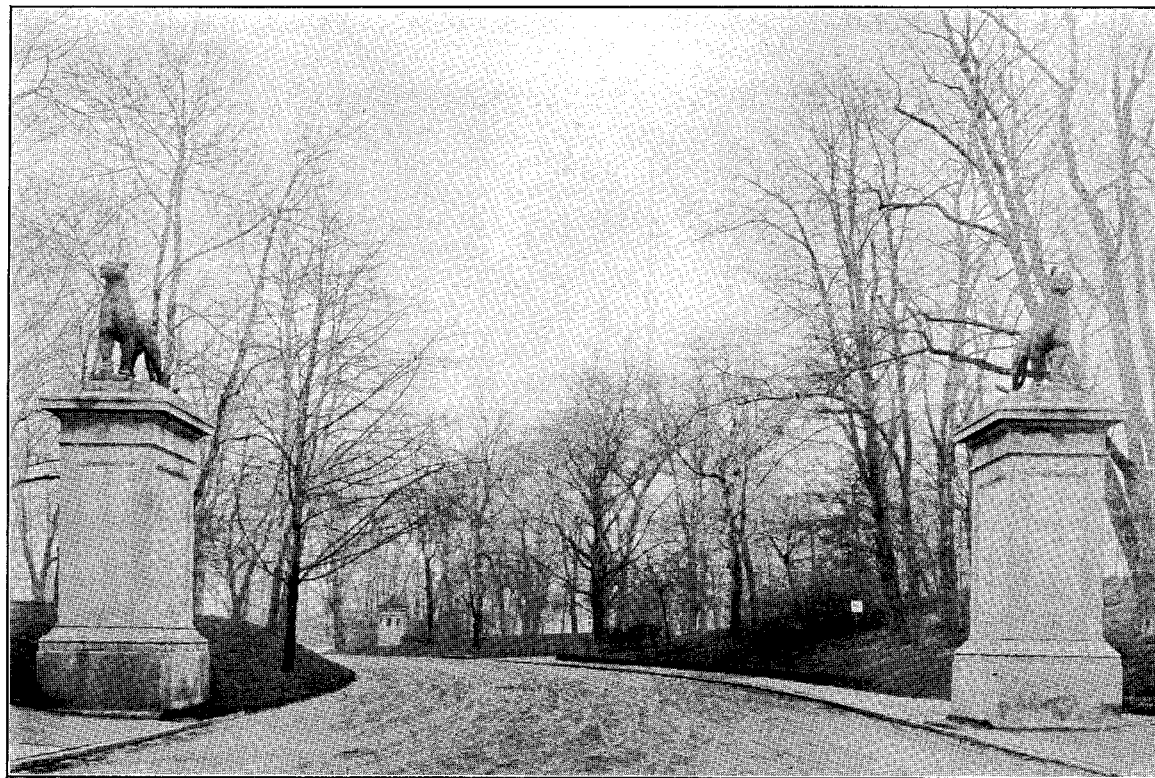
The floral displays were not lost sight of, thirty-two thousand eight hundred and twenty-five (32,825) flowering plants being set out during the proper seasons.

Late in the fall about fifty thousand (50,000) bulbs—tulips, hyacinths, crocus, narcissus, etc.—were put into the ground to furnish next year's outdoor spring and Easter display.

The roadways throughout the park suffered greatly, especially in spring and early summer, from the excessive automobile traffic. It was found necessary to resurface



MAIN ENTRANCE, PROSPECT PARK.



LIONS AT THIRD STREET ENTRANCE TO PROSPECT PARK.

about two-thirds of the entire road system with Hudson River gravel, and in some instances the roads had to be practically rebuilt. The remainder of the roadways were carefully repaired and kept in satisfactory condition. Before the advent of the automobile with its inflated tires, excessive weight and speed, the average length of life of our park roads exceeded three years. Now it is hard to keep any macadam or gravel road in good condition for even a single season without constant repairs and renewals. It is no exaggeration to say that the cost of road maintenance has increased fully one hundred (100) per cent. during the last three years.

Another disagreeable feature of the use of our parks and parkways by automobiles is the dust nuisance. Previous to the year 1907 the Department used the old method of laying dust—the sprinkling cart—merely going over the roads more frequently and extending the hours for sprinkling. During the latter part of 1907 a commercial compound, consisting mainly of crude oil, bitumen, etc., chemically transformed into an emulsion, was used. This compound was mixed with water and spread on the road surface at intervals of from one to two weeks. The results of this experiment were satisfactory, the road surface being not only free from dust, but also made impervious to the action of water during rainy weather. The odor from the compound was not disagreeable and disappeared almost entirely within a day or two after application.

The question of properly and adequately paving the paths in a large park has long been an open one. Prospect Park some fifteen years ago had an asphalt plant of its own, which provided all the pavement for the paths, such as it was. Later on it was deemed advisable, on account of the continued expense and the poor results obtained in laying the pavement, to abandon the plant and have the work done by concerns making a specialty of asphalt paving. This seemed to work fairly satisfactory for a number of years, but as the asphalt pavement became older numerous cracks appeared in its surface, and it began to disintegrate very rapidly. Experimentally a considerable area in the Flower Garden and near the music stand was paved with asphalt tiles some eighteen or twenty years ago, and this pavement has stood a test of very hard usage successfully. In view of all the foregoing it was decided to adopt the asphalt tile pavement as a standard for park walks, and consequently arrangements were made during the summer to repave the worn-out walks in Prospect Park in a systematic manner. It was assumed that it would be unwise to tear up any large portions of the park at any one time, and therefore a contract was let for the paving of one hundred and forty thousand (140,000) square feet, which work was practically finished by the end of the year. It is the intention to continue this work until the entire park walks are provided with this durable and sightly pavement.

The work of replacing the obsolete cobble and stone gutters flanking the park roads was continued, some three thousand (3,000) linear feet of substantial brick gutters being laid on concrete foundation.

The boathouse and its equipment, with the approach to same, were entirely finished, and have been used by the public throughout the season. The section adjoining and surrounding this building has been entirely remodeled, several new walks being built and the place thoroughly drained and otherwise improved.

The swanboat lake near the picnic grounds, originally a fine sheet of water, has long been in an unsightly and dilapidated condition. This lake, as well as the brook line forming its outlet, was cleaned of all weeds, scum, etc., the shore line was rebuilt with stone, the edges were sodded and the lawns and plantations surrounding it were resoiled. A new walk between the picnic ground and the lake was laid out and subgraded, and is to be finished before the summer of 1908.

The ornamental granite steps on the Fifteenth street side of the park were fully completed and are in use. The slopes near the steps were regraded, covered with topsoil and sodded.

A new shelter for men, just inside of the main entrance to Prospect Park, was completed and opened to the public.

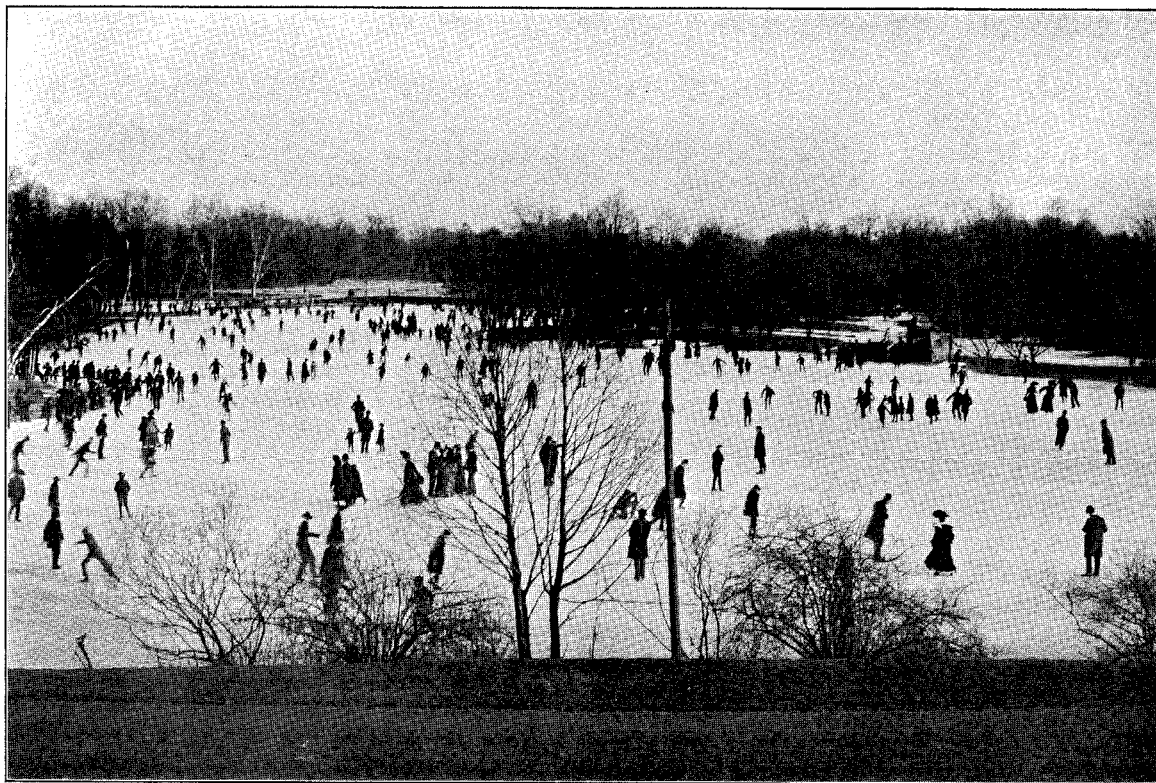
A temporary frame building of simple design has been erected on the shore of the lake for the use of skaters. It is furnished with all necessary equipment and appurtenances, and is so arranged that it can be taken apart and stored away during the summer, it being intended to keep this house in commission only during the skating season and to remove it when skating ceases.

The menagerie was extended by the addition of five (5) new cages with concrete floors and rock backing.

West Plaza street, forming a portion of Prospect Park Plaza, between Flatbush avenue and Union street, was resurfaced with gravel; repairs to gutters and the adjoining block pavements were likewise made.

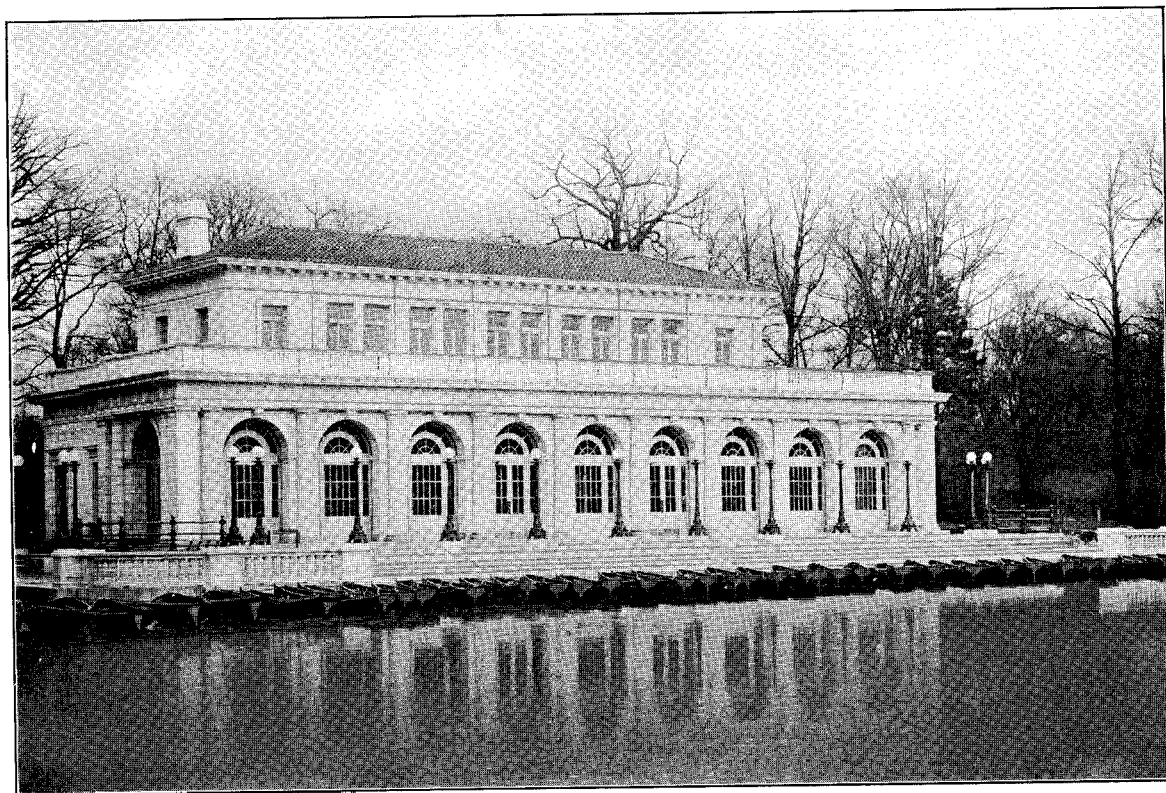
The work of resoiling the park was continued from time to time throughout the season. It is expected that much good will result from this work. Large sections of the plantations of the park were gone over, cleaned, pruned and the trees generally put into healthy and attractive condition.

Pursuant to the policy of ornamenting the various entrances of Prospect Park, the Department decided early in the year, after the money for this purpose had been allowed by the Board of Estimate and Apportionment, to adopt a design for the entrance at the junction of Fifteenth street and Prospect Park West which had been submitted by McKim, Mead & White. It was approved by the Art Commission, and a contract for its execution was let at an estimated cost of eighteen thousand four hundred dollars (\$18,400). The contractor has erected some of the work, while the remainder is being cut at his shops. It is expected that this entrance will be fully completed by June 1, 1908.



SKATING SCENE, PROSPECT PARK.





BOAT HOUSE, PROSPECT PARK.

*Forest Park.*

The new golf house was fully completed with light, water, lockers, furniture, etc., and thrown open to the public. The permanent water supply system is in course of construction, and should be completed within a few weeks. The roads throughout the entire park were resurfaced with limestone screenings and rolled. They are now in excellent condition. The golf links received particular attention, new greens were constructed, and the course otherwise greatly improved. The greenhouses largely supplied the other parks with flowering plants. The nursery is in a flourishing condition and will be of great benefit to the park system in raising trees and shrubs. The old building formerly used as a clubhouse by the Golf Club and the barn adjoining same were removed. Considerable grading, sodding, seeding, etc., was done in the vicinity of the new golf house.

*Highland Park.*

The roads throughout this park were recoated with gravel and screenings. A large number of trees were removed and cut into cordwood. A new aquatic garden was laid out in the spring and planted with water lilies and other aquatic plants. Both it and the large flower garden adjoining attracted much attention throughout the spring and summer on account of the unusually fine display. The paths, lawns, gutters, etc., were kept clean and neat throughout the season.

*Fort Greene Park.*

This park, one of the oldest in the City, is one of the most difficult to keep in good condition. It is located in the midst of a dense population, a large share of which frequents the park almost daily.

The Prison Ship Martyrs' Monument is now in course of erection in this park, and the resultant debris does not add to the attractiveness of the place. The Department has spent a good deal of time and money in an endeavor to keep the park presentable, but conditions are such that it will be necessary to practically remodel the park as soon as the Martyr's Monument is completed. It needs, above all, a new drainage system, new walks and considerable planting of trees and shrubbery. In spite of all difficulties, the place is kept in a fairly attractive condition.

*City Park.*

City Park, within a short distance of Fort Greene Park, received unusual attention during the year. A considerable area in this park was remodeled, new soil being purchased and spread, and a number of trees and shrubs were set out, pruned and otherwise put in first class condition.

*Red Hook Park.*

This park when originally constructed received but a scanty allotment of soil. As a result, the lawns, trees and other vegetation did not flourish, and it became evi-

dent that additional soil would have to be provided so as to put the park in a satisfactory condition. Accordingly two thousand (2,000) cubic yards of top soil were purchased and spread on the lawns and otherwise distributed. The trees and shrubs were cared for, and a number of summer flowering plants were maintained through the season. Besides this work, the park was accorded the usual maintenance, such as cutting grass, cleaning walks, etc.

*Carroll Park.*

Carroll Park, one of the older parks in the Borough, was thoroughly overhauled, over six thousand (6,000) square feet of grass sod were laid, the trees and shrubs pruned and cleaned, and the park was otherwise kept in attractive condition.

*Winthrop Park.*

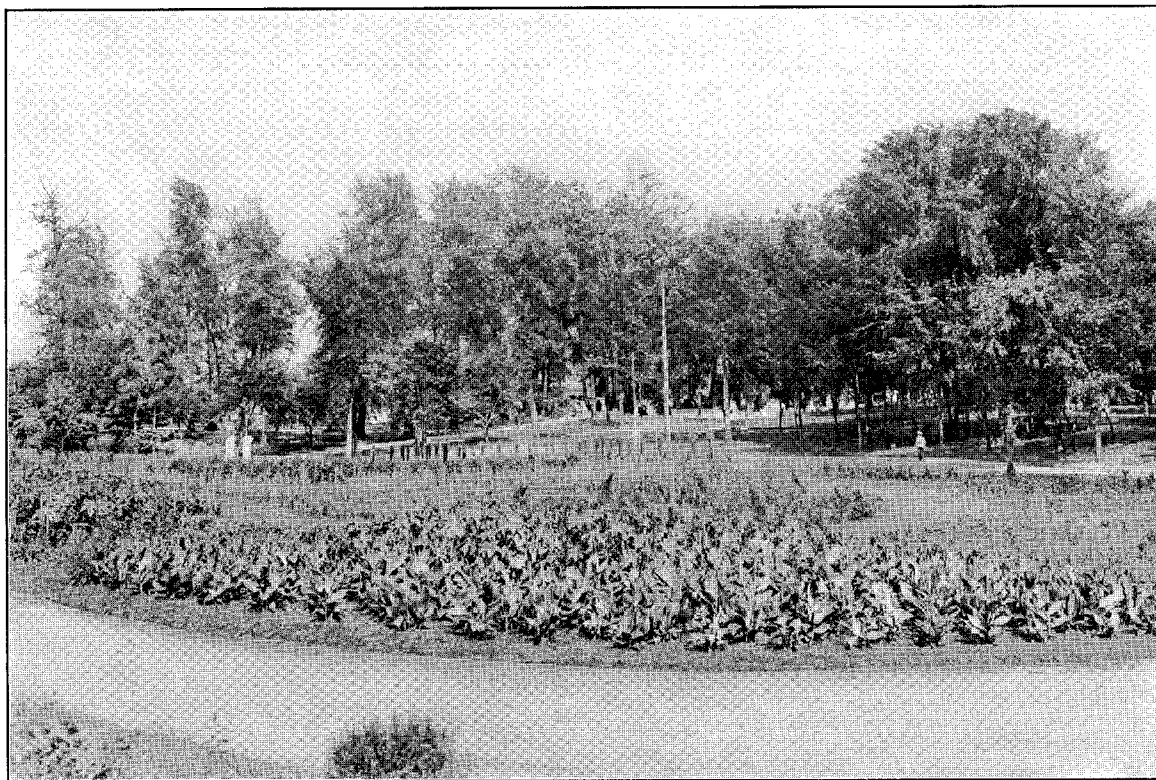
This park for several years past showed the lack of good, nutritious soil. Efforts have been made from time to time to stimulate the growth of the trees by fertilization, but without effect. It was finally decided that the park would have to be resoiled, and a contract was let for the delivery of six thousand (6,000) cubic yards of good top soil. It is expected that all this soil will be delivered and spread before May 1, 1908. In the meantime, no efforts were spared to maintain the park in good condition. Trees were sprayed, cleaned, watered and cultivated. Those that had outlived their usefulness were removed. Fifteen thousand (15,000) square feet of grass sod were laid, mainly along the borders of the walk. A contract has also been awarded to pave the walks with asphalt tiles, and when all of these improvements are completed, it is intended to replant the entire park and put it in first class condition.

*Cooper Park.*

Cooper Park, while in fairly good condition, also shows evidences of the lack of nourishing soil. A contract has been entered into to supply this park with one thousand (1,000) cubic yards of soil. The walks in the park are now composed of cinders covered with gravel, and are hard to maintain. As a substitute, the walks will be repaved with asphalt tiles, a contract for this purpose having been awarded. The park was kept in attractive condition throughout the year; trees and shrubs have been cultivated and pruned, grass cut, and the other usual maintenance accorded it.

*Bushwick Park.*

This park, located in a densely populated section of the Borough, was constructed on what was formerly a sand hill, and insufficient soil retarded the growth of the trees and shrubbery. A contract has been let to supply this park with two thousand (2,000) cubic yards of soil, which will be applied where most needed. The gravel walks will be replaced with an asphalt tile pavement, and the park will be generally remodeled and improved. The attendance in the park is very large, and repairs to lawns, edges, etc., are numerous. Over ten thousand (10,000) square feet of grass sod were laid during the year, and a large number of shrubs were planted.



NEW FLOWER GARDEN, HIGHLAND PARK.



RUBBLE BRIDGE, HIGHLAND PARK.

*Irving Square.*

This park was maintained in good condition throughout the year. Over four thousand (4,000) square feet of grass sod were laid where needed, and all the trees in and about the park were cleaned, pruned, sprayed and cultivated. A contract for the paving of the present cinder and gravel walks in this park with asphalt tiles has been awarded.

*Saratoga Park.*

This park was carefully looked after. All the trees and the shrubbery were gone over and treated. A number of oriental planes were planted, and preparations were completed to plant a number of planes during the coming spring planting season. Arrangements have also been made to pave the present gravel walks with asphalt tiles.

*Lincoln Terrace.*

Lincoln terrace received the usual maintenance, such as pruning and cultivating trees and shrubbery, cutting of the grass, cleaning of the walks, etc. Up to date this park had no permanent pavement of its walks.

*Linton Park.*

This park is located in the old Twenty-sixth Ward of the Borough of Brooklyn, a rapidly growing section. It was thoroughly overhauled during the season and is in excellent condition.

*Institute Park.*

Institute Park, formerly known as the East Side Lands, is located to the east of Prospect Park, and separated from it by Flatbush avenue. By an act of the Legislature it is to be made into a botanic garden and arboretum, and become an adjunct to the Brooklyn Museum of Arts and Sciences, the building of which occupies the northerly portion of this park. It has received careful attention throughout the year and presents a clean, healthy and wholesome appearance.

*Willink Entrance.*

A contract was let to grade and lay sidewalks and inclose a portion of the ground known as the Willink entrance, which is contiguous to the southern end of the park. This work has been carried to completion, and makes safe these grounds pending their final development for park purposes.

*Bedford Park.*

Bedford Park was thoroughly overhauled and a new drainage system installed therein. A number of dead trees have been removed, and young and healthy trees planted instead. This park contains a building occupied as a children's museum, under the auspices of the Brooklyn Institute of Arts and Sciences. The building has been kept in thorough repair.

*Tompkins Park.*

Tompkins Park is one of the older parks of the system, and contains a branch of the public library. As a result it is probably one of the most frequented breathing spots in the Borough. Last summer one of the lawns was turned into a playground for the smaller children, and the innovation has proven successful and will be continued during the coming year. The trees and shrubs were pruned, cleaned and sprayed and the park otherwise kept in fine condition.

*Parade Ground.*

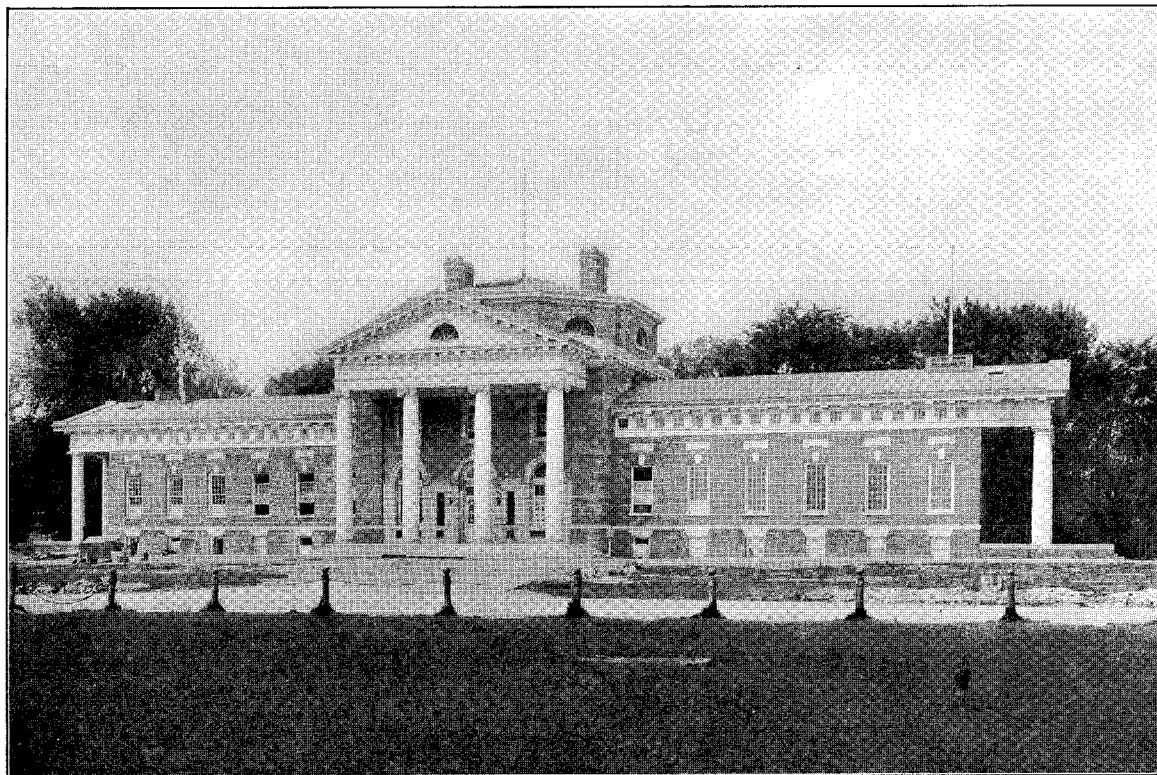
The Parade Ground adjoining Prospect Park to the south, while originally purchased for a parade ground for the National Guard, is now mainly devoted to outdoor sports. A new building, recently erected to accommodate the devotees of baseball, football, cricket, etc., was put into use at the beginning of the season, and has been greatly appreciated by the public. It contains lockers and dressing rooms, shower baths, and all modern conveniences. The gravel walks surrounding this plot of ground, which contains upwards of forty (40) acres, have been replaced with a concrete sidewalk and a concrete curb has been set to confine the property. The abutting areas of lawn have been resoiled and graded, and several drinking fountains have been set up. The Park Police, formerly quartered in the Litchfield Mansion, Prospect Park, have been provided with quarters in the Parade Ground building, and are now occupying the same.

*Seaside Park.*

One of the newest parks in the system, located at the foot of the Ocean parkway, forms one of the principal attractions at Coney Island. The park has been thoroughly improved, over fifteen hundred (1,500) yards of top soil were spread, and a number of new trees and shrubs were set out. The concrete walk on the southerly boundary of the park proper, which was started last year, was completed early in the spring, and added greatly to the attractiveness of the park. In order to further arrest the inroads of the ocean, a new jetty five hundred (500) feet in length has been constructed, together with approaches, stone wall, concrete steps, and an asphalt walk around the inside of the bulkhead. The bulkhead itself was strengthened by the addition of thirty-five hundred (3,500) cubic yards of boat stone, which was placed immediately in front of and on both sides of the bulkhead. The number of tents furnished by this Department on the beach was greatly added to, and the use of the same was thoroughly appreciated by thousands of mothers and children.

*Sunset Park.*

This park is as yet in an unfinished condition. A commodious new shelter house of pleasing design was erected and opened to the public. The walks are being paved with asphalt tiles, and other improvements of a permanent nature are under way, among which is a contract for cement sidewalks on the Forty-fourth street and part of the Seventh avenue sides.



ATHLETES' PAVILION, PARADE GROUND, PROSPECT PARK.



*McKinley Park.*

McKinley Park, likewise, is in an unfinished condition. Plans and specifications for a shelter house have been prepared, and it is expected that the work of constructing same will be started in the spring. A number of dead and decayed trees have been removed from the interior of the park, and a considerable number of new trees have been planted on the streets surrounding same.

*Bensonhurst Park.*

This park located on Gravesend Bay, has been kept in excellent condition throughout the season. The roads and paths have been repaired, trees and shrubbery pruned, and the beach cleaned and kept attractive.

*Dyker Beach Park.*

Very little has been done in this park towards its ultimate completion. One road, about three-quarters of a mile in length, bisects the northern portion of the park and affords a link of communication between the Bensonhurst and Fort Hamilton sections of the Borough. This road has been resurfaced with gravel and is now in fine condition.

*Fort Hamilton Park.*

A considerable number of young and vigorous trees have been set out in the park, and portions of the lawns have been regraded, sodded and seeded.

*Amersfort Park.*

Amersfort Park, in the Flatbush section of the Borough, is as yet unfinished, although open to the public. Its trees, shrubs and lawns have been carefully looked after and present a creditable appearance.

*Fulton Park.*

Fulton Park likewise remains unfinished. Plans and specifications have been prepared for a shelter, and its construction advertised, but the bids received exceeded the amount of the appropriation, and no award could be made. The park is planted with trees and shrubbery, and arrangements have been made to pave the walks with asphalt tiles, and the sidewalks surrounding the park with cement.

*Canarsie Park.*

Canarsie Park is located on Jamaica Bay, in what was formerly the town of Canarsie. Little work has been done in this park toward bringing it to completion. Arrangements have been made to set up gymnastic apparatus and use a portion of the park as a playground.

*Greenpoint Park.*

Greenpoint Park is as yet unfinished. After the removal of the buildings formerly encumbering this site, a small force of men was put to work to clean off and grade

the sidewalks surrounding the park, as well as removing the objectionable features within the park area. An iron rail fence has been erected at an expense of seven thousand four hundred and seventy dollars (\$7,470). Beyond this work, and maintaining the two playgrounds within the park, no construction work was performed.

#### *Small Parks.*

The small parks and gores scattered throughout the Borough—such as City Hall Park, Columbia Heights Parks, Cuyler Park, Underhill Park, Cooper Gore, Woodpoint Gore, etc.—and the fountains at Bedford avenue have been carefully looked after, and floral displays of unusual attraction were had in all of them.

#### *Playgrounds.*

Small playgrounds are located in Greenpoint Park, New Lots Playground at Christopher street, Sackman street and Riverdale avenue; and under the Williamsburg Bridge between Bedford avenue and Berry street. All the playgrounds have been fully equipped as far as the means at the disposal of the Department would permit, and are in charge of competent instructors and attendants. They have been frequented by large numbers of boys and girls, and have had a beneficial effect upon them.

#### *McLaughlin Park.*

During the early part of the year the work was resumed on the construction and completion of McLaughlin Park. This work called for a large amount of cement work inside and outside of the park, the construction of railings and foundation for same, grading and topsoiling of the entire area; also the construction of two playgrounds with running tracks. The work was finished during the summer and opened to the children for athletic purposes. A contract was awarded during the fall to Spalding & Brothers of New York for three thousand six hundred and fifty dollars (\$3,650), for furnishing a complete and up-to-date open air gymnasium outfit. Part of this apparatus has been set up and completed, and the balance will be finished and delivered by February 10, 1908.

A contract was advertised and awarded for the supplying of topsoil and the planting of trees and shrubbery. This contract, however, has not been certified, and consequently no work has been done.

#### SMALL PARKS IN QUEENS.

##### *Kings Park.*

This park, in the old town of Jamaica, has received considerable attention during the year. A large number of dead trees were removed, and the remaining ones have been pruned and cleaned of insects. New concrete sidewalks have been constructed around the park, and considerable grading was done in conjunction with this work. A contract has been awarded for the paving of the entire walk system with asphalt tiles.

*Ashmead Park.*

This triangle in the vicinity of Kings Park has been carefully looked after.

*Flushing Park.*

This park received much attention throughout the year. The trees, some of which are very old and fine, have been pruned and cleaned, and the park otherwise kept in a very clean and attractive condition.

College Point Park and Poppenhausen Square in College Point have likewise been greatly improved. A number of trees and flowering plants have been set out in both places. The fences have been painted, and the lawns and walks kept in good condition.

*Linden Park.*

Linden Park in Corona was greatly improved during the year. Several large dead trees have been removed and cut up, and a considerable number of young trees have been set out around the lake. The walks and lawns were carefully looked after, and the park to-day is in fine condition.

*Rainey Park.*

Rainey Park in the Astoria section, Borough of Queens, is as yet unimproved. Arrangements have been made to have same surveyed and mapped, and early in the spring plans will be effected for its improvement. At the present time, in order to make safe the sidewalk on the front of the park, a contract was let for the laying of a new cement sidewalk. This work will be undertaken just as soon as the weather permits.

*Kissena Park.*

During the latter part of the year a tract of land in the former town of Flushing, known as Kissena Park, was turned over to this Department. Beyond the placing of a watchman to protect the City's property, nothing has been done towards its development. There are a number of buildings on the site, and the Sinking Fund Commission has been requested to dispose of the same at public auction.

The small gores in Long Island City received the usual attention and care.

*Parkways.*

Owing to the extensive use of all of our parkways by automobiles, the work of maintaining the roads in good condition was a difficult one.

Ocean Parkway was practically resurfaced from end to end. That portion between Prospect Park and Bay Parkway received a coating of Hudson River road gravel, averaging four inches in thickness, and was then rolled with steam rollers. The portion between Kings Highway and Coney Island was resurfaced with three-quarter inch trap rock and trap rock screenings and likewise rolled with steam rollers. The

westerly traffic road was patched up and repaired wherever required, and cleaned at regular intervals. The bicycle paths were partly resurfaced with limestone screenings and rolled. The bridle road on the east side of the parkway was harrowed, cleaned, repaired and kept in good condition throughout its length. That portion of the main road popularly known as the Speedway, which is surfaced with loam, and lies between Bay Parkway and Kings Highway, was carefully looked after. It was harrowed and watered daily during the season, and repairs were made whenever and wherever necessary.

I have on several occasions made application to the Board of Estimate and Apportionment to furnish sufficient money wherewith to pave the westerly traffic road of this parkway properly. It is now macadamized, and the exceedingly heavy business traffic between Brooklyn and Coney Island is crowded into this narrow roadway, making it very difficult to maintain in a satisfactory way. Complaints have been numerous regarding this road, and while the Department has made every effort to keep it in good condition, it has been impossible to do so.

A number of the trees planted along the parkway at the time of its construction have decayed and some of them died. Steps were taken early in the spring to remove the dead and affected trees and replace them with good healthy specimens. It was also noticed that one of the principal reasons for the unsatisfactory condition of the trees was the lack of good nourishing soil. All this has been remedied along a large portion of the parkway, and altogether one hundred and sixty-eight (168) old silver maples and twenty-two (22) sugar maples were cut out; while the number of trees planted throughout the year aggregated six hundred and eighteen (618).

Topsoil to the amount of nearly four thousand (4,000) cubic yards was used for this improvement, principally for the tree holes and the elevation and raising of the borders between the bicycle paths and the curb, and the entire section between the Coney Island bridge and Neptune avenue.

Eastern Parkway—The main roadway of this parkway between Prospect Park and Ralph avenue was partly recoated with gravel; other sections were merely repaired and patched. The entire road surface was kept in good condition throughout the year. The repaving of the traffic roads with asphalt and asphalt tiles was completed early in the spring. These roads now present a very fine appearance, and the middle drive is much easier to maintain, since it is possible to divert the heavy traffic to the asphalt side roads.

A great deal of work and attention was given to the trees and planting spaces. Twenty-six (26) young trees were planted and cared for and over three hundred (300) trees were scraped, cleaned, cultivated and watered during the dry season. Ninety (90) dead and decayed trees were removed, and preparations made for replacing the same in the spring. Fifty thousand (50,000) square feet of grass sod were laid, and the lawn strips in general were properly cared for.

Eastern Parkway Extension, between Ralph and Bushwick avenues, the middle portion of which is paved with macadam, while the sides are of asphalt, has been greatly improved. About one-half of the macadam portion of the roadway has been resurfaced, and the remainder repaired. A contract has been awarded for the repairs to the asphalt, but the same not having been certified, this work has been delayed and will not be done until next year.

Pennsylvania Avenue—The roadway of Pennsylvania avenue which was formerly paved with brick, and in the course of its ten years of existence had become dilapidated and full of holes, was repaved with asphalt from Jamaica avenue to Sutter avenue, an area of fifteen thousand seven hundred and sixty (15,760) square yards, at a cost of twenty-four thousand six hundred and eighty-eight dollars and sixty cents (\$24,688.60).

Bushwick avenue, Pitkin avenue, Glenmore avenue and the other streets located in the Twenty-sixth Ward, as far as they are provided with a pavement, have been regularly cleaned, sprinkled and repaired. The unpaved streets have been kept as clean and neat as conditions permit.

Bay Parkway was thoroughly repaired, cleaned, sprinkled and kept free from weeds.

Fort Hamilton avenue, while nominally a parkway, is rapidly being transformed into a business thoroughfare. The pavement is macadam, and on account of the extremely heavy vehicular traffic and the frequent excavations made by builders in the roadway, it has been utterly impossible to keep the same in good repair. The Board of Estimate and Apportionment has been asked for money with which to lay a permanent pavement at least between Ocean Parkway and Sixtieth street, but it has not been allowed. Unless money is granted for this purpose and the work accomplished during the coming year, it will be impossible to keep this parkway in anything like decent condition. The repairs to the macadam pavement have been constant and numerous, but in spite of a large amount of labor accorded to it, this roadway does not compare with the other parkways. About fifty (50) new trees were planted along the parkway near McKinley Park.

Fourth Avenue Parkings—These park strips between Atlantic avenue and Sixtieth street are a source of constant trouble to the Department. A considerable amount of money has been expended in sodding, soiling and planting these strips, but with the exception of that portion between Twenty-fifth and Sixtieth streets, this parking has been regarded as a failure. It is impossible to keep trespassers off the strips, and the shrubs are broken down, trees are destroyed and the grass worn off. Inasmuch as the proposed Fourth avenue subway will ultimately eliminate these park spaces, the Department has ceased to make any further expenditures, and has limited its efforts towards the preservation of the trees and shrubbery wherever existing.

The Shore Road and Bay Ridge Parkway—The portion of the Bay Ridge Parkway between First and Fourth avenues, which is the only section so far permanently

improved, has been kept in fine condition throughout the season. The roadway was partly resurfaced, and a number of new trees were set out.

A contract was awarded for one hundred and sixty thousand (160,000) tons of riprap stone to form the base of the sea wall, which is to be about two and one-half miles in length, at a cost of eighty-six thousand four hundred dollars (\$86,400). Work will continue during the winter as far as possible and in the spring additional efforts will be made to complete it.

*Care of Trees on City Streets.*

From January 1 to September 16 the work of caring for the trees on the City streets of Brooklyn and Queens was prosecuted. On the latter date operations were discontinued for lack of funds. Systematic warfare was carried on against the principal insect enemies of our shade trees, with the result that five thousand five hundred and sixty-five (5,565) trees were sprayed, and seven thousand six hundred and three (7,603) trees were freed from insect egg masses. The usual other treatment was also continued and resulted in pruning seven thousand five hundred and eighty-three (7,583) trees; removing four hundred and seventy-one (471) dead and dangerous trees; destroying contagious diseases; cleaning, disinfecting and filling cavities in six hundred and forty-nine (649) trees; dressing one thousand three hundred and seventy-nine (1,379) wounded trees; transplanting one hundred and twenty-nine (129) trees; giving attention to three thousand eight hundred and seven (3,807) requests for inspection and advice, and other work of a similar nature. Extensive work was done in some of the towns to combat the ravages of the elm leaf beetle and other insects, and through careful inspection many trees were saved from destruction by workmen in laying sidewalks, moving houses, etc.

The amount allowed for this work—twenty-thousand dollars (\$20,000)—was exhausted in September, and the men engaged in the work were transferred to Prospect Park. With the increased amount allowed for 1908 much more and better work can be done.

The following is a summary of the work done to the trees in the City streets:

Kind of Work.	Brooklyn.	Queens.	Total.
Removed .....	382	89	471
Trees trimmed .....	2,901	4,682	7,583
Sprayed .....	3,943	1,622	5,565
Scraped .....	4,840	2,763	7,603
Cemented .....	391	258	649
Dressed .....	1,215	64	1,379
Transplanted .....	129	....	129
Requests received .....	3,549	780	4,329
Requests attended to.....	3,057	750	3,807

*Music.*

The concerts in Prospect Park began on June 2 and closed on September 29. It was the intention to open the season with a concert by the United German Singers in conjunction with the Twenty-third Regiment Band, but the weather being unfavorable the band concert was given, and on the following Sunday the German Singers rendered a fine programme. That organization also closed the season on September 29. During the season thirty-six concerts were given in Prospect Park and forty-seven in the smaller parks, as follows:

Highland, thirteen (13); Fort Greene, eleven (11); Winthrop, three (3); Red Hook, two (2); Irving Square, two (2); Flushing, three (3); Saratoga, two (2); Bushwick, two (2); Sunset, three (3); College Point, two (2); Kings Park, two (2), and Corona, two (2).

The United German Singers, in addition to the two concerts at Prospect Park, gave two (2) at Highland and one (1) at Saratoga Park.

*Picnics, Baseball, Tennis, Golf, etc.*

During the year five hundred and seventy-six (576) picnics were held in Prospect Park, with an aggregate attendance of sixty-three thousand two hundred and forty-five (63,245). Over seventeen hundred (1,700) permits were issued to play tennis in Prospect Park; fourteen hundred and twenty (1,420) for golf at Forest Park, and one hundred and sixty (160) permits to play croquet in Prospect Park.

Thirty-one hundred and forty (3,140) permits were issued for baseball on the Parade Grounds. There were nineteen hundred and seventy-four (1,974) games of baseball played; four hundred and eight (408) games of football; one hundred and ninety-three (193) games of cricket. The Public School Athletic League and the Young Men's Christian Association each held a cross-country run on the Parade Ground. The Brooklyn Bowling Green Club played twenty-six (26) games on the Bowling Green.

*Skating in the Park.*

There were twelve (12) days of skating during the year. On January 25 the lakes were opened, there being five (5) inches or more of ice. Larger crowds than usual enjoyed the sport. On March 1 a thaw set in, and I deemed it advisable to close the lakes to the public. The skating, as above stated, began on January 25 and continued until January 31, and again from February 23 to February 28, closing finally on March 1.

*Revenue.*

During the year the sum of twenty-three thousand eight hundred and eighty-four dollars and twenty-one cents (\$23,884.21) was received for rent of houses, revenue from park privileges, sale of park property and bay window permits. This, with fifty-one dollars and eighty-two cents (\$51.82) interest allowed on deposit in bank,

making a total of twenty-three thousand nine hundred and thirty-six dollars and three cents (\$23,936.03), was turned over to the City Chamberlain.

*Donations of Animals, Plants, etc.*

The following donations were received for the conservatories and menagerie:

James E. Malone, No. 287 President street, one Yuca plant.

Thomas D. Hyatt, No. 93 Shelton avenue, Jamaica, a general collection of small greenhouse plants, 130 in all.

Edward W. Victor, No. 166 St. James place, one large Agapanthus blue, three Amaryllis bulbs.

Mrs. F. U. Hersey, No. 15 Cranberry street, five orchids, cattleya plants.

Mr. Arras, No. 443 Ninth street, one large oleander plant.

Mrs. Hulberg, No. 714 Union street, one large agave, 25 years old.

Rev. L. O. Rotenbach, No. 525 Macon street, one rubber and one Yuca plant.

Mrs. F. P. Gullzeit, No. 126 Clarkson street, one very fine Euphorbia

Estate of Major E. H. Hobbs, a collection of cacti, fifteen plants.

Mrs. William Romani, No. 416 Thirteenth street, one fig tree.

Mrs. Shepard, No. 960 Greene avenue, one large Pondanus palm.

Edward Wolz, Sixty-seventh street and First avenue, twelve stove plants, all good.

Mrs. Carter, No. 247 Carroll street, two rabbits.

Mr. Hornaday, Director of Bronx Zoo, two coatimundis.

Mr. Drake, No. 516 Monroe street, one raccoon.

Mr. Harris, No. 7721 Third avenue, one red fox.

Mr. F. Healy, No. 166 Willoughby avenue, one coatimundi.

Mr. Whipple, No. 90 Prospect place, two alligators.

Messrs. Freeman & Freehoff, No. 468 Fulton street, one gray fox.

Mr. Kilgest, No. 25 Hamilton avenue, one ringtail monkey.

G. Shearer, No. 172 Franklin street, one raccoon.

Mrs. Hemlin, No. 506 East Fourteenth street, one poll parrot.

Unknown person, one ringtail monkey.

Mrs. Kidd, No. 431 Classon avenue, one troopier.

Central Park, two Dorset sheep.

A. W. Pohler, No. 76 Hewes street, one crow.

B. S. Van Zile, No. 518 Monroe street, two marmosets.

Mrs. S. Chikies, No. 923 Belmont avenue, two chipmunks.

W. Kirkland, No. 290 Clinton avenue, one mongoose.

M. S. Southwell, No. 175 Willoughby avenue, two guinea pigs.



Mrs. W. Ardley, No. 486 Lincoln avenue, two guinea pigs.

M. M. Antonius, No. 108 Newell street, one ringtail monkey.

E. C. Plunkett, No. 511 Twelfth street, one alligator.

Mr. J. Pfeign, No. 299 Lenox road, one ringtail monkey.

Bronx Zoo, four Canadian wild geese and one elk.

Abraham & Straus, Fulton street, two black bears.

#### WORK OF THE POLICE.

##### *Annual Report in Relation to the Police Department.*

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

Sir—I have the honor to herewith submit the annual report of the work accomplished by the men constituting the police force of the Seventy-third Precinct, Prospect Park, together with such other information 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: One (1) Captain, five (5) Lieutenants, five (5) Sergeants, seventy-three (73) Patrolmen and one (1) Doorman. One Lieutenant and twelve Patrolmen are mounted on horses, of which two patrol Eastern parkway and ten patrol the park proper. Six are mounted on bicycles to patrol the principal drives and cycle paths around the park and Eastern parkway; fifty-five patrol Prospect Park, Plaza and Institute Park on foot. Total force, eighty-five (85).

##### *Number of Arrests.*

During the year there were three hundred and three (303) arrests made, as follows: Petit larceny, eleven (11); attempted suicide, one (1); felonious assault, two (2); assault, five (5); cruelty to animals, three (3); disorderly conduct, eighteen (18); fighting, two (2); grand larceny, one (1); indecent exposure, three (3); intoxication, twenty (20); malicious mischief, one (1); Motor Vehicle Law, seventy-eight (78); reckless driving, ten (10); vagrancy, eleven (11); violation of park ordinances, one hundred and thirty-one (131); robbery, six (6).

##### *Accidents.*

There were one hundred and twenty-one (121) persons aided by the police during the past year, of whom eighteen (18) were removed to hospitals, and one hundred and three (103) taken home.

##### *Suicides.*

There were three (3) suicides by shooting.

*Lost Children.*

There were forty-seven (47) lost children found wandering in the park, all of whom were restored to their parents.

Respectfully submitted,

LAWRENCE J. MURPHY,  
Captain, Seventy-third Precinct.

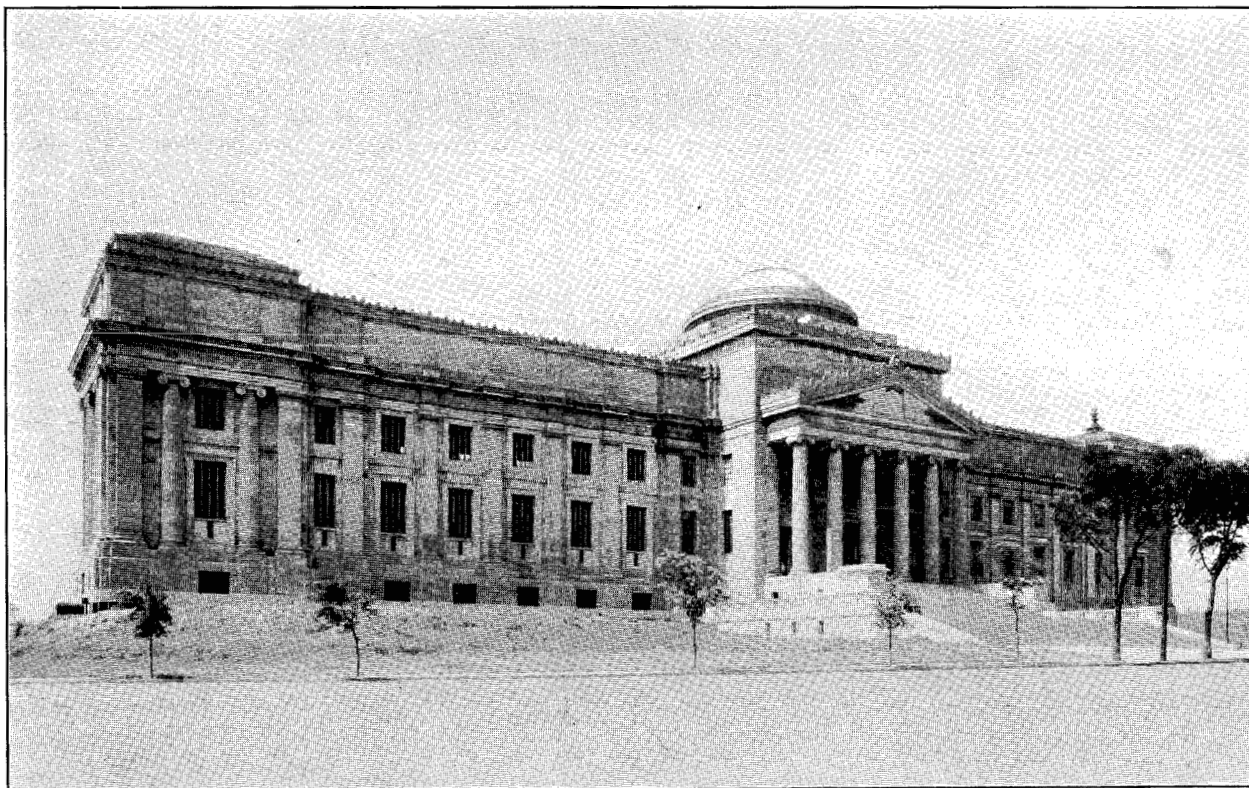
*Statement of Museums of the Brooklyn Institute of Arts and Sciences.*

The installation of collections in the second or central section of the Museum, commenced in 1905, was continued throughout the year 1907. In the dome room, on the third floor, which is to be used exclusively to illustrate the art of the Italian renaissance, have been installed casts of the tombs of Lorenzo and Guiliamo de Medici, with architectural settings; also casts of Michael Angelo's Moses, and the Captive and Slave. On the second, or Natural History, floor, two more large groups of mammals have been installed, one of the walrus and the other of the blue foxes.

The front steps and central approach to the Museum Building, which were completed in 1906 and turned over to the Institute on December 24 of that year, have been in use as a means of approach to the Museum, since the 1st of March, on Sundays and other legal holidays. Large numbers of visitors to the Museum have been admitted by the front portico. The completion of these steps adds very greatly to the impressive character of the Museum structure, and has helped to increase the attendance at the Museum. The two storage rooms, one on a level with the sub-basement (70 by 150 feet), and the other on a level with the basement floor (96 by 20 feet), have been in constant use for storage of collections arriving at the Museum and as workrooms for the Curators and their assistants.

The eastern wing or third section of the Museum, commenced in March, 1904, and in the process of construction during the years 1905 and 1906, was completed in September, 1907. During the months of October, November and December a beginning was made for the installation of collections in the galleries of the basement, first, second and third stories. On Saturday, December 14, the eastern wing of the Museum was dedicated to the purposes of a public museum of arts and sciences, and formally turned over to the Institute by the Hon. Michael J. Kennedy, Park Commissioner of the Boroughs of Brooklyn and Queens, and by him declared to be open as a public museum.

Plans and specifications for a part of the museum cases required by the enlargement of the Museum were prepared by the architects, McKim, Mead & White, and duly advertised. The contract for the furnishing of these cases was awarded by the Board of Park Commissioners on October 17 at seven thousand two hundred and forty-five dollars (\$7,245) to the Macey Company of New York. This contract now awaits certification by the City Comptroller before work on the cases can be commenced.



BROOKLYN INSTITUTE OF ARTS AND SCIENCES.

Forms of agreement for the establishment and maintenance of a botanic garden and astronomical observatory in Institute Park, as authorized by chapters 618 and 637 of the Laws of 1906, as finally prepared after a conference between the Park Commissioner of the Boroughs of Brooklyn and Queens and officers of the Institute, were approved in January by the Board of Park Commissioners and by that Board forwarded to the Board of Estimate and Apportionment for their action under the law. These forms of agreement are now pending before the Board of Estimate and Apportionment. The subscription of twenty-five thousand dollars (\$25,000) for the equipment of the astronomical observatory and of fifty thousand dollars (\$50,000), the principal or interest of which may be used in providing plants for the botanic garden, made by friends of the Institute, are being held by the Institute and will be available as soon as the Board of Estimate and Apportionment takes the action contemplated in the two chapters of the Laws of 1906 referred to and approved by his Honor, Mayor McClellan.

The purchase of lands in the triangular plot east of the Museum, bounded by Washington avenue, Eastern parkway and Classon avenue, was completed during the year and the City's title to these lands was confirmed on November 25 before Mr. Justice Burr, and the custody of the lands is now in the hands of the City as an addition to its park area. The purchase of these lands prevents the erection of high or unsightly buildings in close proximity to the Museum, and prevents the cutting off of a view of the Museum from those who approach it from the east.

The Legislature of the State of New York, with the approval of the Mayor of New York and the Park Commissioner of the Boroughs of Brooklyn and Queens, enacted three laws which relate to the museums of the Institute: (1) Chapter 43 of the Laws of 1907 is "An Act to amend the Charter of the City" so as to remove the restriction placed in the original Charter on the Board of Estimate and Apportionment and the Board of Aldermen in the amount that may be appropriated annually for the maintenance of the museums of the Brooklyn Institute of Arts and Sciences to the sum of ninety-five thousand dollars (\$95,000). The City is now enabled to appropriate by its governing boards such sum as in their judgment seems to be wise and proper for the maintenance of the Institute museums.

(2) Chapter 120 of the Laws of 1907 is "An Act to authorize the erection of a fireproof Children's Museum Building in the Borough of Brooklyn, City of New York, in place of the present building, and the designation or acquisition of a site therefor and to provide for the care and maintenance of the same." This act authorizes the erection of a new building at a cost of not exceeding one hundred and seventy-five thousand dollars (\$175,000), and makes provision for its care and maintenance.

Chapter 515 of the Laws of 1907 is "An Act to authorize The City of New York to acquire lands on Prospect Heights in the Borough of Brooklyn as sites for public buildings and to provide for the establishment and maintenance of public educational

institutions." This law will enable the City to prevent the erection of unsightly or otherwise objectionable buildings about the Prospect Park plaza and along the Eastern parkway in front of the Institute Museum Building, and will also enable the City to prevent the erection of buildings nearer to the sidewalk than a line that may be approved by the City.

The appropriation by the City for the maintenance of the Museums of the Institute for the year 1907 was ninety-five thousand dollars (\$95,000), and this amount has been expended. The appropriation made by the Board of Estimate and Apportionment for the year 1908 is the same as for the year 1907.

The contract for furnishing thirty monolithic sculptures to be placed on the facades of the Central Museum Building and for carving the pediment of the front portico of the building was made by the Park Commissioner of the Boroughs of Brooklyn and Queens, with Mr. Daniel C. French, sculptor, in the early part of the year, the total cost of the thirty sculptures and the carving of the pediment, including the fee of the architects, being one hundred and twenty-two thousand dollars (\$122,000). The subjects of the sculptures were selected by the Institute, approved by the architects, McKim, Mead & White, and accepted by the Commissioner of Parks of the Boroughs of Brooklyn and Queens. Preliminary models, three feet in height, of twenty-four of the monolithic sculptures were examined in November by the architects of the building, by the Commissioner of Parks of the Boroughs of Brooklyn and Queens, by the Committee on Art Museum and officers of the Institute and by the Art Commission of the City. The models were highly commended by all who saw them, and twenty-two that were submitted to the Art Commission were accepted by that Commission. The sculptures will be carved in the same stone as that of which the Museum Building is constructed, namely, Indiana limestone. They will be placed on pedestals above the pilasters and columns of the facades of the Museum and against the wall of the third or upper story. They will be twelve feet in height and will be in keeping with the design of the building.

As authorized by the Board of Estimate and Apportionment, the Park Commissioner of Brooklyn and Queens entered into a contract with the architects of the Museum Building, Messrs. McKim, Mead & White, for the preparation of plans and a plaster model of the completed Museum Building early in the year, at a cost of fifty thousand dollars (\$50,000); plans and plaster model to be completed within three years, said fifty thousand dollars (\$50,000) to serve as a payment to the architects of one per cent. (1%) on the cost of future sections of the Museum Building to be erected from time to time until the entire cost of said sections shall be equal to five million dollars (\$5,000,000), and said one per cent. (1%) to be one-fifth of the architects' commission on the building.

Through the generosity of members and friends of the Institute, a large number of accessions have been made to the collections in the two museums. On December 14 the Citizens Committee on the John B. Woodward Memorial presented to the Institute

a bronze statue of General John B. Woodward, by Frederick MacMonnies, sculptor. General Woodward was a Trustee of the Institute for over twenty years, and President of its Board of Trustees for seven years just preceding his decease in 1896. He was President of the Board of Park Commissioners of the old City of Brooklyn, and his services both as a citizen and as a soldier to his state and to his country are fitly commemorated by this statue.

Mr. Henri de Morgan of Paris was engaged by the Institute during the months of December to April in the making of excavations in Egypt on behalf of the Institute, and as a result of his excavations he was able to send to the Museum very large and valuable collections in Egyptian archaeology. The expense of Mr. de Morgan's expedition was two thousand eight hundred and forty-seven dollars and fifty-eight cents (\$2,847.58), paid from the Museum Collection Funds contributed by members of the Institute.

The collection of sixty (60) oil paintings, twelve (12) water colors and other works of art bequeathed to the Institute by the late Caroline H. Polhemus were installed during the year. With this large and valuable gift has also been received by the Institute a bequest from Mrs. Polhemus of ten thousand dollars (\$10,000), the income of which is applicable to the care and increase of the art collections bequeathed by her.

Other gifts to the Institute include the following: From the Hon. Carl H. De Silver, forty-two (42) pieces of Japanese pottery and other works of Japanese art; from Col. Robert B. Woodward, thirty-four (34) Ojimes to complete those previously presented, also a suit of armor from the Bunkio Matsuki collection; from Mr. A. Augustus Healy, an oil painting, by G. Belloni, entitled "Street Scene in Milan," and an oil painting; eighteenth century copy of Correggio's Madonna di San Girolamo, in the gallery at Parma; from Charles M. Higgins, busts of Aristotle and Epicurus; from Mr. William T. Evans, an oil painting, by Henry W. Ranger, entitled "Spring Woods;" from Mr. George Foster Peabody, an oil painting, by Eugene Verboeckhoven; from Mr. George A. Hearn, an oil painting, by Bruce Crane, entitled "March;" from Mr. Daniel K. de Beixedon, an oil painting, entitled "Jupiter and Antiope" (seventeenth century Flemish School); from Messrs. George C. Brackett and Alfred T. White, one Egyptian mortuary tablet (stele) and one Egyptian stele in black syenite; from Mr. E. Le Grand Beers, a Japanese war saddle with Burmese ritual for consecration of Buddhist priests; from Mr. Alfred T. White, one Egyptian stele in sandstone, one water color painting, by Henry P. Neuman, of Daibutsu, great bronze statue of Buddha at Kamakura, Japan, and one water color painting, by Henry P. Neuman, representing an ancient Egyptian relief, "Captives of Ramses II.;" from the Rev. Alfred Duane Pell, six pieces of porcelain and seven pieces of glass; from Messrs. Carl H. De Silver and Robert B. Woodward, twenty-five (25) pieces of Japanese pottery.

Among the additions to the natural science departments of especial interest are the group of Atlantic walrus, presented by the Hon. Carl H. De Silver; the group of

blue foxes, presented by the North American Commercial Company; a model of a whale from the American Museum of Natural History; four (4) glass models of animals, by M. B. S.; forty-three (43) mammals, birds and reptiles from the New York Zoological Society, and forty (40) skins of Long Island birds presented by Mr. Robert C. Murphy. The total number of donors was one hundred and one (101). Gifts to the Museum Libraries of books and pamphlets were received from one hundred and twenty-five (125) individuals and include ninety-six (96) bound and two hundred and eighty-one (281) unbound volumes.

The Institute received large and valuable loans of paintings and other works of art for exhibition; these include, from the Hon. Carl H. De Silver, an oil painting, by William M. Chase, entitled "An Antiquary Shop;" from Col. Henry T. Chapman, one hundred and seventy (170) pieces of ancient Chinese porcelain and Japanese ceramics, one portrait of Mr. John Roberts, by Richard Wilson, and one oil painting; from the estate of Henry P. Martin, one hundred and thirty-four (134) oil paintings; from Mr. J. Franklin Wilson, a collection of laces; from Commodore F. G. Bourne, a marble statue "The Hewer," by George Gray Barnard; from Mr. Samuel P. Avery, seventy-nine (79) pieces of cloisonne, two (2) pieces of Chinese cloisonne, and one ceremonial sceptre; from Mr. N. Sanborn, an oil painting, by Th. Rousseau; from Mr. H. T. Haustein, twenty-seven (27) carved Chinese ivories with teakwood stands, three (3) fan-boxes and one mat for photograph frame; from Mrs. H. J. Fairchild, an oil painting entitled "Niagara," by Louis Remy Mignot; from the Hon. Charles A. Schieren, eleven (11) oil paintings; from Mrs. E. Le Grand Beers, East Indian and other dolls, and Japanese and other fans; and from Mr. George Foster Peabody, an oil painting entitled "Storm at Sea," by Peterson.

The Institute received about one thousand (1,000) accessions to its collections by exchange with other museums and with collectors. Accessions to the collections of individual objects through purchases made with the Museum Collection Funds, contributed by members of the Institute, and with the income of endowment funds, number eighty-two (82). Among the objects thus purchased were an oil painting, entitled, "The Midnight Moon," by Elliott Daingerfield, from the income of the John B. Woodward Memorial Fund; thirty (30) pieces of ancient jewelry, from the Ella C. Woodward Memorial Fund, and large collections of ethnological objects from New Mexico and from the Pemo Indians of California.

Expeditions were made in the interest of the collections of the Central Museum, by Prof. William H. Goodyear, to France and Great Britain for the purpose of making photographs and collecting data for the Departments of Art and Architecture; by Mr. Stewart Culin, to Arizona, New Mexico and California, to make ethnological collections and secure data in relation thereto; and by Mr. George K. Cherrie to the Valley of the Orinoco, to secure collections of skins of birds, reptiles and mammals. All three of the expeditions were successful.

The attendance at the Children's Museum during the year was ninety-seven thousand two hundred and eleven (97,211), an increase over last year of eleven thousand two hundred and sixty-eight (11,268). The number of teachers visiting the Children's Museum with their classes, or to attend lectures, or to borrow material to illustrate their school work, or for work in connection with the instruction of their classes, was five hundred and ninety-two (592). The number of lectures given at the Children's Museum to children in the public and private schools was two hundred and thirty-four (234), and the attendance at these lectures was nineteen thousand and thirty-nine (19,039). The number of readers at the Children's Museum Library during the first eleven months of the year was twenty-eight thousand eight hundred and fifty-eight (28,858).

The attendance at the Central Museum was one hundred and sixty-six thousand eight hundred and eighty-four (166,884), an increase over the year 1906 of twenty-three thousand eight hundred and thirty-seven (23,837).

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

Title of Appropriation.	Appropriation for 1907 Allowed by Board of E. and A. Jan. 1, 1907.	Transfers by Board of E. and A., Subsequent to Jan. 1, 1907.	Total Appropriation for 1907.	Expended.	Outstanding on Contracts.	Balance.
Administration .....	\$33,700 00	.....	\$33,700 00	\$32,400 00	.....	\$1,300 00
Labor, maintenance and supplies.....	645,000 00	.....	645,000 00	625,901 05	\$18,907 90	191 05
Care of trees in City streets.	20,000 00	.....	20,000 00	19,864 96	38 00	97 04
Maintenance of museums..	95,000 00	.....	95,000 00	76,463 59	.....	18,536 41
Music .....	13,864 00	.....	13,864 00	13,770 00	.....	94 00

*Bond Accounts (Revenue Bonds).*

Title of Appropriation.	Amount of Appropriation.	Expenditures.	Outstanding on Contracts.	Balance.
Revenue Bond Fund for Department of Parks, maintenance of parks, parkways, playgrounds, etc., deficiency in appropriation 1907, Boroughs of Brooklyn and Queens..	\$177,585 00	\$109,580 17	\$14,193 40	\$53,811 43
Revenue Bond Fund for Department of Parks, Brooklyn and Queens, maintenance of parks, parkways, playgrounds, etc., deficiency in appropriation, 1906.....	4,328 11	2,643 35	.....	1,684 76
Revenue Bond Fund for Department of Parks, Brooklyn and Queens, maintenance new parks, parkways and drives, 1906.....	31 30	.....	.....	31 30



Title of Appropriation.	Amount of Approp- riation.	Expendi- tures.	Outstand- ing on Contracts.	Balance.
Revenue Bond Fund for Department of Parks, Brooklyn and Queens, resoiling trees in Prospect Park, 1906.....	1,055 79	1,045 32	.....	10 47
Revenue Bond Fund for maintenance of parks, parkways and playgrounds under the juris- diction of the Department of Parks, Bor- oughs of Brooklyn and Queens, 1905.....	1,022 08	.....	.....	.....
Revenue Bond Fund for expenses incident to the contemplated public observance on the occa- sion of unveiling the statue of Major-General Henry W. Slocum, at Eastern parkway and Bedford avenue, Borough of Brooklyn, New York .....	636 71	.....	.....	636 71
Revenue Bond Fund for labor, maintenance and supplies for the Commissioner of Parks for the Boroughs of Brooklyn and Queens.....	55 54	.....	.....	55 54

*Bond Accounts (Corporate Stock).*

Title of Appropriation.	Amount of Approp- riation.	Expendi- tures.	Outstand- ing on Contracts.	Balance.
Improvement of parks, parkways and drives, Boroughs of Brooklyn and Queens.....	\$76,016 25	\$43,388 83	\$858 57	\$31,768 85
Improvement and construction of parks, park- ways, playgrounds, boulevards and drive- ways, Boroughs of Brooklyn and Queens...	37,056 09	36,872 08	103 00	81 01
Completion of Shore road, between First avenue and Fort Hamilton, Borough of Brooklyn...	1,875,120 15	19,407 87	86,675 00	1,769,037 28
Construction of playgrounds and purchase of gymnasium equipment for boys and girls, and laying sidewalks and interior walks, McLaughlin Park .....	35,412 38	30,357 91	3,075 11	1,979 36
Construction of shelter house with toilet accom- modations, Fulton Park .....	10,014 22	61 20	.....	9,953 02
Repaving Pennsylvania avenue with asphalt on concrete foundation .....	25,292 10	22,595 40	.....	2,696 70
Laying concrete walks on west side of Prospect Park, from Fifth street to Fifteenth street...	7,902 07	7,610 80	.....	291 27
Construction of approaches to the new boathouse in Prospect Park and a platform or ramp on the lake side of boathouse, as designed in original plans of the architect.....	35,301 72	33,276 39	.....	2,025 33
Construction of new entrance to Prospect Park at Fifteenth street and Ninth avenue.....	25,031 10	3,798 80	15,536 50	5,695 80
Construction of comfort station for men on park land in the vicinity of main entrance to Pros- pect Park .....	12,102 21	9,110 33	2,975 00	16 88
Construction of shelter house on tennis grounds, Prospect Park .....	50,014 22	102 00	.....	49,912 22
Purchase of topsoil, trees and shrubbery for Amersfort Park .....	1,505 06	58 33	.....	1,446 73
Construction of comfort station on children's playgrounds at New Lots.....	6,014 22	81 60	.....	5,932 62
Construction of stone shelter house and comfort station, Winthrop Park.....	25,014 22	109 14	.....	24,905 08
Construction of temporary fence and regulating and grading Williamsburg Park.....	25,000 00	3,174 75	4,295 25	17,530 00
Regrading and cleaning up extension to Institute Park, opposite Willink entrance to Prospect Park .....	5,000 00	3,965 25	1,034 75	.....

Title of Appropriation.	Amount of Appro- priation.	Expendi- tures.	Outstand- ing on Contracts.	Balance.
Laying of asphalt tile walks, interior of Sunset Park .....	24,000 00	.....	19,220 00	4,780 00
Construction of shelter house and comfort station, Sunset Park.....	35,185 38	28,951 06	5,629 84	604 48
Construction of new comfort house, City Park...	12,000 00	.....	.....	12,000 00
Construction of concrete sidewalk east of Seaside Park and purchase of topsoil and shrubbery for said park.....	4,486 69	4,486 69	.....	.....
Construction of additional greenhouses for use in propagation of plants, etc., Forest Park.....	6,563 57	6,280 09	.....	283 48
Construction of water tower, pumping station and mains to connect with golf clubhouse, Forest Park .....	7,514 22	3,191 16	4,323 06	.....
Laying asphalt tile walks, interior of Kings Park, Jamaica .....	11,000 00	.....	10,400 00	600 00
Laying new sidewalks where required around Kings Park, Jamaica.....	3,470 33	3,400 00	.....	70 33
Construction of lockers and interior furnishings, new boathouse, Prospect Park; athletic building on parade ground, and golf house in Forest Park.....	15,118 61	13,391 13	1,638 00	89 48
Repaving and recurling portion of Glenmore avenue with asphalt on concrete foundation....	40,568 86	38,175 30	.....	2,393 56
Excavating, regrading, repaving with asphalt block on concrete foundation, recurling and supplying manholes and catch basins, two traffic roads alongside of Eastern parkway, from Prospect Park plaza to the intersection of Pitkin avenue, Ralph avenue and Eastern Parkway Extension .....	181,112 52	169,088 85	.....	12,023 67
Construction of additional timber jetty, Seaside Park, Coney Island.....	18,303 10	15,700 00	.....	2,603 10
Purchase and delivery of 4,500 cubic yards of stone for use on bulkhead at end of Coney Island parkway .....	15,894 81	11,907 43	3,053 37	934 01
Completion of shelter house and comfort station, Fulton Park .....	3,020 00	.....	.....	3,020 00
Improvement of New Lots playground.....	2,030 40	.....	.....	2,030 40
Improvement of Winthrop Park.....	7,547 90	.....	.....	7,547 90
Completion of tennis house, Prospect Park.....	17,458 30	.....	.....	17,458 30
Construction of water pumping plant, Forest Park	7,500 00	.....	2,923 94	4,576 06
Construction of shelter house and locker house, McLaughlin Park .....	60,000 00	.....	.....	60,000 00
Construction of shelter house and comfort station, McKinley Park.....	7,500 00	.....	.....	7,500 00
Construction of shelter house, sidewalks and iron fences, laying out of playgrounds, grading of banks, resoiling, etc., in Highland Park.....	25,000 00	.....	.....	25,000 00
Construction of stone wall and sidewalks, planting trees and shrubbery and topsoiling in Sunset Park .....	50,000 00	.....	3,113 77	46,886 23
Removing picnic grounds, house and carousal in Prospect Park .....	10,000 00	.....	.....	10,000 00
Resoiling trees in Prospect Park.....	20,000 00	8,313 62	4,403 88	7,282 50
Preliminary work in the construction of Canarsie Park .....	2,500 00	.....	.....	2,500 00
Improvement of Rainey Park.....	19,000 00	.....	917 60	18,082 40
Improvement of Eastern parkway.....	35,000 00	.....	.....	35,000 00
Construction and improvement of drives, etc., and resoiling parks, etc.....	166,749 42	17,374 85	119,466 64	29,907 93

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

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

*Special Account.*

Title of Appropriation.	Amount of Approp- riation.	Expendi- tures.	Outstand- ing on Contracts.	Balance.
Brooklyn Institute of Arts and Sciences, Bor- ough of Brooklyn, Plans of Museum Build- ing, etc.....	\$50,000 00	.....	.....	\$50,000 00
Museum of Arts and Sciences Fund, Erection of an Addition.....	223,999 00	\$92,083 01	\$110,815 28	21,100 71
Maintenance and Improvement of Public Parks on Brooklyn Heights, Borough of Brooklyn.	1,375 19	.....	.....	1,375 19

*Revenue from Rents and Privileges.*

Prospect Park .....	\$19,770 00	
Forest Park .....	312 04	
Shore road and Bay Ridge parkway.....	1,096 86	
Furman street .....	550 08	
Kings Park .....	1 00	
		\$21,729 98
Sale of sheep, horses, etc.....	\$1,946 60	
Bay window and ornamental projections.....	207 63	
		2,154 23
		<u>\$23,884 21</u>