

ANNUAL REPORT
OF THE
DEPARTMENT OF PARKS
OF THE
BOROUGH OF THE BRONX
CITY OF NEW YORK
FOR THE YEAR 1920

ANNUAL REPORT
OF THE
DEPARTMENT OF PARKS
OF THE
BOROUGH OF THE BRONX

1920

Compliments of

JOSEPH P. HENNESSY

JOSEPH P. HENNESSY, Commissioner

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DEPARTMENT OF PARKS
BOROUGH OF THE BRONX

February 7, 1921.

Hon. John F. Hylan,
Mayor, City of New York.

Sir:

I submit herewith annual report of the Department of Parks, Borough
of The Bronx, for 1920.

Respectfully yours,

JOSEPH P. HENNESSY,
Commissoner.

ANNUAL REPORT—1920

NEW DEVELOPMENT

The outstanding feature of administration in 1920 was the completion of Crotona Park Extension consisting of about 3½ acres facing Southern Boulevard, between Crotona Park East and 175th Street, and which was referred to briefly in the report of 1919.

The elevation at Waterloo Place and 175th Street is approximately 55 feet above Southern Boulevard. The ground has a gradual rise westerly from the Boulevard to centre of plot of approximately 28 feet, and at the summit a path parallels the Boulevard and commands a most excellent view of Crotona Parkway and the surrounding neighborhood on the east.

The physical obstacles that this plot presented, coupled with lack of special appropriation, formerly were given as a reason for not improving it. On receipt of renewed complaints from neighboring property owners, this department took up the question examining such records and obtaining such other information available. The result of this inquiry showed that it had been proposed in a former administration to improve this plot at an estimated cost of about \$60,000.00. This plan involved building a serpentine vehicular road from the southwest to the northeast end. Such a road might look picturesque, but would be dangerous and impracticable. A simpler and more satisfactory plan was adopted, and the improvement progressed without special appropriation.

Filling large holes on the east slope first was required. This fill had to be procured from new building sites, and was quite difficult to get owing to very little house construction. However, a sufficient quantity was obtained without cost, the contractors being glad of the privilege to dump it at locations indicated. In the spring of 1920, preliminary work having been finished, the final plans were rushed to completion, at a cost of approximately \$5,000.00.

Norway maples were planted along various walks and the intersections were embellished with evergreens. A flight of concrete steps and platforms connecting with a winding walk was constructed at the northeast corner. Lights were introduced, walks were made and such rapid transformation occurred that the people of the neighborhood and elsewhere expressed delight over the change.

The Home News referring to this development, under date of August 10, 1920, said,—

“Much credit is due the Park Department for the work that has been done on the section. The park is divided from Crotona Park proper



VIEW OF CROTONA PARK EXTENSION

by a cinder path and is bounded on the other three sides by 174th Street, Southern Boulevard and 175th Street. It is a hill rising at an angle of about 45 degrees.

"When time for planting came, the Park Department began beautifying the section. Grass was planted, shrubs and trees were set out and flowers were set out, and flowers brought from hot houses. The result is one of the most attractive park areas in the Borough, the reds, blues, pinks, yellows and greens combining to produce an artistic and wholly delightful strip of public property."

"The residents of the neighborhood, have often expressed their satisfaction with the arrangements made for beautifying the park and the Department has received the highest praise for its work. It is said no other park property, unless the strip back of Borough Hall received the attention given this land."

The park extension is in the center of a very busy section and those who ride on West Farms Subway extension, which is elevated at this point, have been loud in their praise of the improvement.

Many complaints came to the department in reference to this place being dangerous at night on account of lack of light, the thick undergrowth, and its generally unimproved condition.

Referring to the only path that went through the park, one writer referred to disreputable characters hiding along the path.

Another writer referred to the practice of janitors burning refuse there, the flying sparks constituting a fire menace.

Many other similar letters were received.

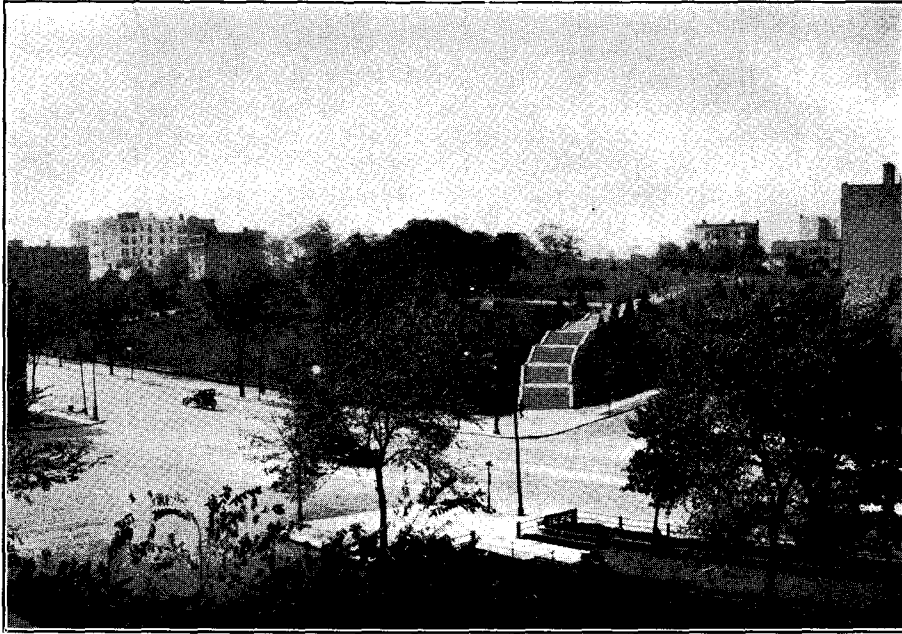
Before the work of improvement was finished, prominent citizens and property owners wrote, expressing appreciation and satisfaction for the contemplated change. An architect wrote:

"We are very much interested in this and have wondered how you plan to finish the steep bank skirting 175th Street and to what particular purpose, if any, this part of the park is to be devoted to.

"We also appreciated your good judgment and good taste in making 'Victory Park' in place of the old ball field, regardless of criticism and false sentiment."

The architect's question was very pertinent as to what was to be done with the steep bank. It was one mass of inferior granite, quartz and jagged mica. A retaining wall would have been expensive and would not look to the best advantage. It finally was determined to sod the whole side slope, a proposition practically unprecedented on account of the uneven surface. This was done with great success and the sod spiked in and held. Only a trained eye would notice that it was not a natural grass formation, but an artistic piece of work consisting of small blocks of sod plugged in and thus held together. Credit for this accomplishment belongs to our Head Gardener.

The director of the Bureau of Vocational Activities, of the Board of Education wrote a very complimentary letter.



ANOTHER VIEW OF CROTONA PARK EXTENSION

FORMAL OPENING

The formal opening of Crotona Park Extension took place Thursday evening, October 7. The musical program was rendered by the Department of Street Cleaning Band, Mr. James J. Cunningham, Bandmaster. Speakers included Municipal Court Justice Michael J. Scanlan, a nearby resident; Honorable Henry Bruckner, Borough President, and the Park Commissioner. A feature was the rendition of patriotic airs by children from the public schools under direction of District Superintendent Joseph H. Wade and Principal Plowden Stevens, Jr.

The Sunday edition of the *North Side News* of October 10th, referring to this event said that 5,000 people attended and that—

"The affair on Thursday was a most remarkable demonstration, the outstanding feature of which was the apparently spontaneous desire of the people of the neighborhood to express their appreciation of the remarkable achievement of Park Commissioner Hennessy, in turning what was nothing more than a most unsightly weed-covered and irregular piece of land, with a grade of twenty in 100, into a beautiful piece of landscape."

The demonstration was the largest ever held in that locality.

VICTORY GARDEN

This has become a show place of The Bronx. Last season it contained approximately 30,000 flowering plants consisting of vincas, salvias and can-nas in full bloom, set out in well-studied design and backed by evergreens and deciduous trees and shrubs.

CITY HALL FOUNTAIN

When the old City Hall Fountain was to be discarded for the new fountain now in course of erection, application was made to the proper authorities for its assignment to this Borough. It eventually was assigned, and a small appropriation was made for transfer and re-setting. It was safely transferred and re-set in the centre of Victory Garden where it is regarded as a fitting finish to the garden itself, and where it has been polished and embellished to look like new. It is said on authority that this fountain could not be reproduced now under a cost of \$50,000.

These two projects were accomplished without large appropriation, there being no appropriation whatever for the Victory Garden, which was done out of ordinary labor funds. The materials for grading were obtained without cost, and the plants used were raised in our own greenhouses.

The Victory Garden was completed in 1919, and the erection of the fountain was completed in the summer of 1920.

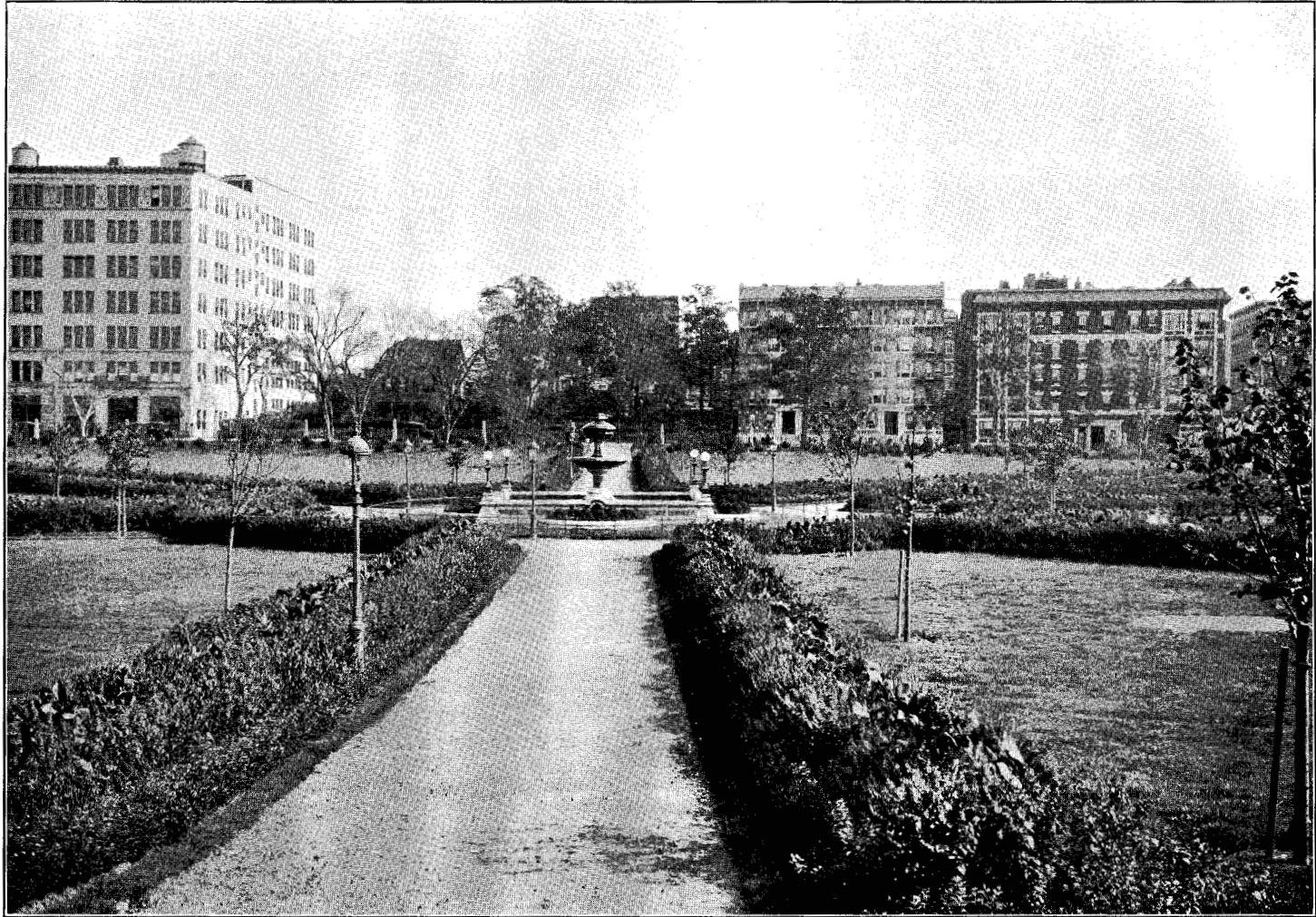
The old City Hall fountain, relocated between Borough Hall and the Bergen Building, is a subject of general public admiration. It is hardly necessary to add that not only was the fountain approved by the Art Commission, but its location in Victory Garden also was approved.

It was not an easy task to reassemble it for erection, as the original plans could not be found, but this situation was met by the competency of our landscape architect, who has had many years experience as a building architect.

The mechanical work in assembling the fountain was done under direction of the Assistant Superintendent, a practical builder whose experience proved most helpful.

ISAAC L. RICE STADIUM AND PLAYFIELD

A notable event of the year was the agreement made by the City with Isaac L. Rice Memorial Foundation growing out of the offer of the family of the late Isaac L. Rice to construct as a gift, a stadium and playfield, with appropriate accessories, in Pelham Bay Park. Various hearings were had before the Board of Estimate and Apportionment, and after passage of an enabling act by the legislature, the site selected for the stadium and playfield was in the extreme southern end of Pelham Bay Park, near the Subway



OLD CITY HALL FOUNTAIN IN PLACE IN THE VICTORY GARDEN, BOROUGH OF THE BRONX

terminus. This part of Pelham Bay Park had not been used, and it was most fortunate that the city was in a position to offer this site to the Rice family for the erection of the stadium and playfield.

The Rice corporation furnished a description of securities it had as a guarantee of carrying out its purpose, which were appraised at more than a million dollars par value. The "Foundation" as the Rice interests were termed in the contract, agreed that when the structures and improvements were completed they should be turned over and delivered to and become the absolute property of the city, unconditionally and in perpetuity, with the understanding that the part of the park taken over should be known as "The Isaac L. Rice Playfield." The city on its part agreed to bear the expense if necessary of certain incidental work, such as providing for sewerage and drainage and necessary water supply, with light and power. It further provided that upon completion, it would be managed by a Commission consisting of two members of the Isaac L. Rice Memorial Foundation, one member of the Public Schools Athletic League, two members of the Boy Scout Organizations, one member of the Girl Scouts, one member of the Parks and Playgrounds Association, one member of the Board of Education, one member of the Amateur Athletic Union and one member to be selected by the Mayor, which Commission is to act merely in an advisory capacity.

The Foundation furnished a bond of fifty thousand dollars for performance of its agreement which was entered into July 13, 1920. Operations were begun a short time afterward under a permit given by this department September 14, 1920, to Thomas J. Buckley Engineering Company, 303 Fifth Avenue, New York.

Before the end of 1920 the foundation of the stadium and the mother's house, and two-thirds of the retaining wall at the shore front were completed, including more than three-quarters of installation of sub-drainage pipe at the Athletic Field.

The site upon which the stadium is proposed to be erected was not the site desired by the Rice Foundation, which sought the general playground site immediately facing the Sound. This Department deemed it proper to preserve this site for its present use as a general playground for all people. The result has been universal satisfaction and no persons are better satisfied than the representatives of the Rice interests themselves, as there now will be practically two playgrounds in one instead of having simply one with the elimination of another. The Committee on Site, appointed by the Board of Estimate, namely Honorable Charles L. Craig, Comptroller; Honorable Fiorello H. LaGuardia, President, Board of Alderman; and Honorable Henry Bruckner, President, Borough of the Bronx, concurred in the selection made by the Park Department of the location in question, so that as a matter of fact it had the unanimous approval of all concerned.

LIGHTING

Special attention has been given to improving the lighting system.

The Park Department had the cooperation of the Department of Water Supply, Gas and Electricity—with the result that additional lamps were placed in Claremont Park, Crotona Park, Crotona Park Extension, Van Cortland Park, Mosholu Avenue, and the lighting unit on the Bronx and Pelham Parkway was increased from 100 to 125 Watt lamps. In fact, in one park alone (Crotona) approximately 40 additional lamps were installed.

At the time of installation of the granite display fountain in Victory Garden, Crotona Park, the lamps already at this point were re-located at the edge of the walk surrounding the flower bed and in addition there is a lamp at each of the four corners of this fountain.

PELHAM BAY NAVAL STATION

The Navy Department extended the time indefinitely for the contractor engaged in removal of the buildings erected during the war. It is possible that some attempt of restoration may be begun in the Fall of 1921.

GIFT TO THE CITY

The building used by the Red Cross at the Pelham Naval Station during the war, was secured by the Park Commissioner from the Red Cross as a gift to the City.

It can be used to advantage as a recreational centre in seasonable weather and is also suitable for moving picture display, minor theatricals and provides room for concerts and dancing. It cost about \$25,000. and will prove, in time, very useful to the campers adjacent to Orchard Beach.

It will be an ideal shelter for children in the event of unfavorable weather conditions.

VANDALISM

As your Honor is well aware this Department has referred frequently in its reports and communications to the subject of vandalism which is impossible to suppress entirely without the aid of park-keepers.

In the report of 1919, I called your Honor's attention to the idea of establishing a volutary or honorary corps of inspectors who would be willing without compensation, to aid in the preservation of park property and to keep in check as much as possible, disorderly conduct leading to such destruction.

The report of 1919 gave reports in detail from voluntary inspectors, which reports seem to prove beyond question the wisdom of having such aid where it was procurable from public spirited citizens.

In the large park area of the Bronx, it would be impossible to expect perhaps, the regular police force to do park duty. At night the parks are, with rare exception, practically unpoliced. As a result, we have to depend upon our own watchmen to preserve park property and cope with the disorderly conduct at the same time.

Vandalism is ever present. It can never be checked until the Park Department has a force of keepers with police authority.

Experience has shown that the Police Department cannot be looked to, in consequence of its other duties, to take care of large park area as it does streets and highways, and in any event it is not regular police work.

Park protectors should be under control of Park Commissioners absolutely. Special knowledge of park administration, park features and park maintenance acquired by experience would make them more and more useful, and no good reason, nor in fact any reason, was ever given for abolishing the old park police. *Every City in the United States having a large park area has park police. The only exception is the City of New York.*

It is said, and there is reason to believe it is true, that there is more vandalism in the parks of New York City than the parks of any other municipality of the United States.

Nearby residents in some localities are indifferent to vandalism. A striking incident of this indifference is found in connection with the small park plot at Rogers Place and 165th Street which is practically a hopeless task to keep, for any length of time, in good condition.

Innumerable instances may be mentioned of the splendid work and co-operation given this department by the voluntary or honorary corps of inspectors, consisting of men and women aiding in the preservation of park property and also the suppression of disorderly conduct tending to such destruction. The Rev. William R. Blackie and his son William R., Jr., both Auxiliary inspectors, have devoted considerable time to this work. Auxiliary inspector Paul Lorch rendered many reports of his activities. Valuable service was rendered also by Auxiliary inspectors, Miss W. I. O'Rourke, Mrs. W. Cree and Mr. Arthur E. Miller.

These generous citizens have done a great deal toward helping the department and their work indicates the real need for a permanent and paid protective force.

The present Park Board at the instance of the Park Commissioner of The Bronx, adopted an ordinance against automobile loitering at nights and the attention of police inspector in charge was called to this ordinance.

FIRES

One of the dangers that confronts this department at certain seasons is the imminent danger of fire in the outlying park territory from the recklessness of smokers and others who make fires for cooking. Long grass will burn very fast, and as a result of the general situation the department has taken exceptional care to preserve the small forest of pines on Hunter Island planted during 1918—the first attempt at reforestation in the park system of the Greater City.

As a matter of precaution and for other good reasons Hunter Island was closed to the public last summer after 7:00 P. M.

Only recently the Fire Department authorities were complaining of negligence or recklessness of private owners in outlying territory letting their grass burn without proper care to such an extent that the Fire Department was called out unnecessarily several times.

PLAYGROUNDS

The department maintained its ten playgrounds with good results. Owing to lack of appropriation, a sufficient number of trained attendants were not employed. A competent play-leader can exercise wonderful influence over children, which has been demonstrated beyond question by practical experience.

Last year there was recommendation in the Annual Report that this department should have a Recreation Bureau provided with a competent play-leader, preferably a woman with sufficient salary to be employed the year around. A portion of the money given to the Board of Education for playground activity might be given to the Park Department with good advantage.

Our playgrounds average about one acre in area, which refers only to those park spaces that have equipment. As a matter of fact, a large portion of the parks during the greater part of the year are opened to informal play and are so used.

One new playground was established last year on ground tendered for such use at the intersection of the Southern Boulevard and Tiffany Street, by the Roman Catholic Church of St. Athanasius.

ATHLETIC FIELDS

The quarter mile track at McComb's Dam Park was kept up to its form of 1919.

Under auspices of the Pastime Athletic Club, Charles Pores of the Millrose Athletic Club ran a 15 mile race on June 1, 1919, his official time being 1 hr. 23 min. 20 sec., thereby breaking the record.

The Park Department takes pride in the fact that this track has proved to be, during the present administration, the fastest municipal track in America.

It can be used at night as well as day as electric lights are provided. A permanent stand seating 400 is an adjunct to this track which was built out of Departments funds and without special appropriation.

The quarter mile track and field in Pelham Bay Park was used largely during the summer months.

It might be noticed here that the big playground at Pelham Bay Park (elsewhere referred to) is a most valuable adjunct to the park system. It is not only patronized by clubs, churches and schools of Manhattan and Bronx, but large groups come from towns in Westchester County as far away as Dobb's Ferry, for a day's recreation.

Last season, as during the prior season, the Third Avenue Railway System took advantage of the big playground at this location to give a week's outing to its employees and their families.

Informal games were indulged in and enjoyed immensely.

The giving of these outings to employees has become a fixed social event that has attracted the attention of other corporations.

This playground is conveniently situated and has a large waterfront, including a bathing beach and boating facilities.

Immediately adjoining on the south is to be the Rice Stadium and Playfield. This department recommended to the Board of Estimate and Apportionment the purchase of the Huntington Estate facing the Sound and immediately adjacent, which would be a most valuable acquisition.

There is a growing demand for fields for purely athletic exercises.

Last year the department recommended that a part of the abandoned Jerome Park Reservoir site be assigned as an Athletic Field for general use.

Acting under that suggestion, temporary use has been given to Evander Childs High School for a portion of this site. As a matter of fact, a permanent field at this location would be ideal.

BASEBALL

The thirty-three baseball diamonds situated in Crotona, Franz Sigel, McComb's Dam, Pelham Bay, St. Mary's and Van Cortlandt Parks were in good demand.

Five hundred and fifty-two permits to clubs were issued.

TENNIS

A charge of one dollar for the season was introduced in 1918, not so much for getting revenue as regulating play. The innovation worked with

entire satisfaction to everybody except a few who want something for nothing with exclusive privileges. The receipts last year from this source were \$2,098.00.

SKATING

Owing to the prolonged winter, Van Cortlandt and Crotona Park Lakes made a record for skating. The season was so prolonged that lovers of skating became actually tired out, and before the season really ended the attendance had diminished noticeably.

Skaters came to the large lake at Van Cortlandt from all parts of the city, and numbered in a day as many as 20,000.

Indian Lake, Crotona Park, was patronized chiefly by residents of the central part and the southern end of the Borough.

The principal task of the Department in connection with skating was the continuous removal of snow from the ice which was done, notwithstanding the severity of the weather and the repeated snowfalls, to the satisfaction of skaters. No complaint of any sort reached this department.

AIDING AGAINST TUBERCULOSIS

During the summer a branch of the New York Tuberculosis Association was organized in The Bronx to aid in fighting tuberculosis. It received the support of the Health Department.

The Bronx Committee considered that the old Hunter Mansion on Hunter Island, Pelham Bay Park, would be the most fitting place for care of children during the summer months. The purpose of the Committee was simply to aid children of consumptive parents by taking them for a day's outing.

After consultation with the Health Department in The Bronx, this Department consented to the use of the Hunter Mansion.

FAMILY TENTING

About 2,100 persons (six to a family) camped at Orchard Beach, Pelham Bay Park.

Three hundred and forty-two family camp-site permits were issued.

The revenue was \$7,120.00, as against \$6,200.00 for the previous year, representing additional use.

The department received in addition \$3,210.00, as against \$2,630.00 in 1919, for permitting camp floors to remain, which charge was initiated in 1918.

The total amount received from camp sites for 1920 was \$10,330.00, as against \$8,830.00 for 1919.

No permanent bungalows, nor bungalows at all in fact, are allowed. The structures are entirely of frame and canvas.

The site is ideal. It faces the Sound, and has a bathing beach and a life-saving station. A splendid marine view is had, and the Sound steamers and other smaller craft constitute a most picturesque moving panorama.

NEW COMFORT STATION AT BAYCHESTER

Work upon the abandoned contract for plumbing, drainage and water supply at this comfort station was completed December 15, 1920. Although not finished until nearly the end of the year, a sufficient amount was done to enable this department to open a comfort station during the bathing season.

The time has arrived when the city should give serious consideration to erection of additional comfort stations in public parks, particularly in this borough, where there are so many small parks and where the congestion of population is great.

BRONX BOARD OF TRADE MAKES TOUR OF PARKS

On September 22, 1920, a delegation of the Bronx Board of Trade made a tour of the park system and visited Victory Garden, Crotona Park; the Sunken Gardens, Van Cortlandt; Hunter Island; golf courses and intermediate parks.

A local newspaper, *Bronx Record and Times*, reported the matter as follows:

"Wednesday's tour of inspection of the parks was a fine opportunity for the Park Commissioner to demonstrate the splendid manner in which the park system of the Bronx has been supervised and improved during his incumbency, and those in the inspecting party were profuse in their praise for the work of the Park Department."

NEW PAVING

During 1920, 40,909.19 square yards of paving were laid, at a total cost of \$202,869.60, covering a distance of approximately 9500 lineal feet, with widths of 60, 45 and 30 feet; completing the permanent paving of Pelham Parkway and Eastern Boulevard from the Bridge over the tracks of the N. Y., N. H. & H. R. R. to the northern boundary of Pelham Bay Park.

In paving Pelham Parkway the department met with many obstacles,

the contractor being hampered in procuring cement and other materials. This stretch of road, 3600 lineal feet long, was done as a whole, traffic being required to make a short detour of a little over two miles. Notwithstanding this short detour persistent demand was made, principally by hotelkeepers at City Island, that the road should be paved longitudinally in two sections.

This proposition was fully considered, but as it appeared to have no substantial force, the contractor was ordered to pave the entire width at one time, thus closing up this part of Pelham Parkway to traffic temporarily.

This was done because it was believed the best results would be obtained, and there could be only a slight inconvenience occasioned thereby, considering that the detour made necessary was only a little more than two miles.

Notwithstanding the delays the work was finished within contract time, and those who had objected admitted that the department had taken the better course with the result that no better piece of asphalt paving can be found anywhere.

The paving of Eastern Boulevard, in two contracts, was a most desirable improvement.

To help preserve the new pavement in the best possible condition for automobile and light traffic, all heavy trucking has been prohibited over the parkway.

The Pelham Parkway section in question had an approximate width of 40 feet, which, including intersections, comprised 16,045.61 square yards of sheet asphalt pavement on six-inch concrete foundation, the total cost of which was \$75,123.38.

The repaving of Eastern Boulevard, adjoining Bronx and Pelham Parkway, to the southerly approach to bridge over Eastchester Bay, covered 1825 lineal feet, approximately 60 feet wide, including intersections, making 8345.33 square yards of sheet asphalt pavement and 1452.39 square yards of asphalt block pavement on six-inch concrete foundation, at a total cost of \$48,516.87.

A very important piece of work is repaving the Eastern Boulevard from the northerly approach to bridge over Eastchester Bay to 500 feet north of Split Rock Road, a distance of 3825 lineal feet by an approximate width of 30 feet, which, including intersections, amounted to 12,459.6 square yards of sheet asphalt and 1542.67 square yards of asphalt block on six-inch concrete foundation, at a total cost of \$72,122.58.

This contract was awarded May 30, 1920, and the final estimate was rendered November 12, 1920. The other two contracts mentioned were completed prior to that date.

Another piece of necessary work was repaving the central roadway of Bronx and Pelham Parkway from Old White Plains Road to Boston Road, a distance of 242 feet by a width of 40 feet, comprising 1063.53 square

yards asphalt surface on a six-inch concrete foundation, at a total cost of \$7,106.77. This work was finished December 9, 1920, within two months from the date of its award.

Other work done under direction of the engineers was completing installation of plumbing, drainage and water supply in Comfort Station, Athletic Field, Pelham Bay Park, cost \$2,666.00, and laying the concrete walk on the Third Avenue side of Crotona Park at 177th Street, 141.30 lineal feet, or 1,981.87 square feet, at a total cost of \$951.30.

SUMMARY OF ABOVE WORK

40,909.13 sq. yds. sheet asphalt and asphalt block cost.....	\$202,869.58
1,981.87 sq. ft. cement walk.....	951.30
Plumbing, Drainage, Water Supply, Comfort Station.....	2,666.00
	<hr/>
	\$206,486.88

WORK IN COURSE OF CONSTRUCTION

Constructing path on Mosholu Parkway from Webster Avenue to Jerome Avenue; bids opened December 10, 1920; Palladino and Mascio lowest bidders at \$6,273.90.

Construction of Irrigating System at golf links in Pelham Bay Park, at a cost of \$5,000.00, was started in October.

ROAD IN BOTANICAL GARDEN

Work upon the road in the easterly section of the Botanical Garden, which was begun in 1919 under corporate stock expenditure, was prosecuted during 1920.

The telford foundation has been completed and the surfacing will be done as soon as weather conditions permit in the spring. The main object of the road is to remove traffic from a very dangerous road that now runs along the bank of the Bronx River and past the Lorillard Mansion. As soon as completed, the old one will be abandoned and a safe road will be provided for traffic through that part of Botanical Garden.

PROPOSED CONSTRUCTION WORK

Constructing sidewalk and molding curb, removing rock and grading slopes on Mott Avenue and 153rd Street, Franz Sigel Park, estimated cost, including Engineering and Inspection, \$6,000.00. This application was submitted to the Board of Estimate and Apportionment September 27, 1920.

Extension of Bathing Beach at Athletic Field in Pelham Bay Park, estimated cost, including Engineering and Inspection, \$5,500.00. This application was submitted to the Board of Estimate and Apportionment October 1, 1920.

Plans and specifications for a Comfort Station at the southerly part of Orchard Beach camp site reservation were prepared and will be submitted early in 1921.

Repaving Boston Road from East 182d Street to Bronx Park East. The plans, specifications and estimates of cost, including Engineering and Inspection, to an amount of \$70,000.00, were submitted to the Board of Estimate September 11, 1920. The Board of Estimate referred this application back to this department with recommendation that work be re-submitted in 1921.

SURVEYS UNDERTAKEN

Surveys and grades for reclaiming, grading and draining portions of Orchard Beach Camp Sites.

Survey for locating site of proposed Comfort Station, Orchard Beach, Pelham Bay Park.

Surveys and locations for Irrigating Plant at Golf Links.

Surveys for improving portions of McComb's Dam Park.

Surveys and plans for improvements in St. James Park.

Surveys and plans to establish Public Place lines at Broadway and Mosholu Avenue.

Survey in Crotona Park for erection of fountain, removed from City Hall Park and erected in Victory Garden.

Survey and grades for sewer from log cabin, Pelham Bay Park, to sewer from Comfort Station.

Survey and plan for steps at Mosholu Parkway from Parkway to Webster Avenue.

Preliminary survey for repaving Van Cortlandt Avenue from southern boundary of park to Van Cortlandt Station.

Surveys and preparation of sketches for location of direction and danger signs now placed in park system.

Surveys and inspection of asphalt block road on Bronx and Pelham Parkway to show amount of repairs required.

Supervision of maintenance of pavements on contracts under guarantee.

Preliminary measurements to ascertain amount of paving required in 1921.

The above work has been carried on by our small force, consisting of Chief Engineer, one Assistant Engineer, one Assistant Landscape Architect, one Transitman and one Rodman, who have had to handle this work from the time of preparation of preliminary estimates requesting the necessary funds for the proposed construction, down to the compiling of the final estimates, not to speak of a great amount of miscellaneous work which is constantly occurring. The force is too small, and it is unwise to keep it so small.

Unexpected matters loom up frequently, requiring immediate attention, with the result that it is impossible to take up seriously any plan of permanent improvement of outlying sections of our territory.

Clerical work, by force of circumstances, has to be imposed upon the engineering corps, such as preparation of schedules for submission to the Board of Purchase for road maintenance, for coal purchase and for materials and supplies purchased by contract for use in the parks.

A clerk possessing technical knowledge, attached to the engineering corps, would be a great advantage. The Chief Engineer reports that additional help is necessary to carry on the work in an efficient and intelligent manner. That so much has been accomplished is due to the disposition of every member of the corps to do all he can.

STATEMENT OF REVENUE

The revenue of this department from 1914 to 1920 is set forth in the following table, which shows that receipts for the *three years ending* 1920 amounted to \$280,885.20, and that receipts for the *prior four years* were \$148,871.40.

The receipts for the three years of the present administration were \$132,013.80 *more than the entire four years previous* thereto. This is due to the increased golf fee, and bathing locker fee particularly. When the increase in golf fee was made from *one dollar* to *five dollars* there was criticism and opposition, just as there was by a local newspaper on the charge for bathing lockers. The establishment of these fees was initiated wholly without suggestion from any other source. The question was not whether it was a popular or unpopular thing to do; the question was whether it was a right thing to do. It proved to be a right thing, and it has proved to be popular with the general public, and no dissatisfaction whatever has been expressed since the first flurry. Those who opposed the fee proposition now freely admit that where *special service* is rendered for the public, or part of the public, special compensation should be charged to cover outlay. The practice in vogue here is now being generally imitated throughout the country in large cities.

I respectfully renew my suggestion that a portion of the receipts from golf and other similar features, ten to twenty-five per cent, should be retained by the Park Department to be expended upon betterments, at the discretion of the Commissioner.

Our receipts from golf last year amounted to more than \$50,000, not one penny of which remains to the credit of the department.

Attention to this matter was directed in the Annual Report of 1918.

PERMITS, PRIVILEGES, RENTS, ETC.

	1914	1915	1916	1917	1918	1919	1920
Privileges.....	\$15,385.56	\$20,828.20	\$21,897.75	\$22,090.47	\$25,359.48	\$27,304.51	\$27,059.11
Rents.....	2,186.50	1,096.00	709.00	769.00	1,368.50	1,085.50	1,180.50
Golf Season.....	6,073.00	7,327.00	8,340.00	8,030.00	22,527.00	26,815.00	35,815.00
Golf Daily.....	1,600.00	1,440.50	1,440.50	1,323.00	3,699.00	6,114.00	11,379.00
Lockers, Golf....	3,961.25	3,052.05	4,318.13	4,172.50	4,182.50	4,700.00	4,680.00
Tennis.....					1,561.00	1,505.00	2,098.00
Camp Sites.....	1,813.00	2,016.00	2,184.00	3,050.00	4,670.00	6,200.00	7,120.00
Bathing Lockers					14,536.60	12,981.60	16,907.80
Camp Floor to							
Remain.....					1,330.00	2,630.00	3,210.00
Motion Pictures	440.00	273.00	118.00	497.50	45.00	156.00	105.00
Parking Permits					495.00	125.00	
Sales.....	460.11	62.60			95.00	1,294.21	110.00
Miscellaneous....	5.65	1,853.33	7.80	50.00	111.50	116.79	112.60
	\$31,925.07	\$37,948.68	\$39,015.18	\$39,982.47	\$79,980.58	\$91,027.61	\$109,777.01

Grand Total—Four years ending 1917..... \$148,871.40

Three years ending Dec. 31, 1920..... 280,785.20

Increase over preceding four years..... \$131,913.80

MOSQUITO ELIMINATION

Ditches in salt meadows, which were dug some seven years ago for draining of stagnant water and eliminating mosquito-breeding sites, were maintained and cleaned at monthly intervals and additional ditches were dug where necessary. This drainage system has accomplished splendid results in ridding Pelham Bay Park of the mosquito pest.

Funds for the above maintenance were provided out of budget allowances for 1920.

SCHOOL GARDENS

School gardens were continued in St. Mary's, Crotona and Bronx Parks.

In the latter case a nominal fee was charged, as the work was done largely by adults (Italians) who reside nearby and who benefitted by the use of the land.

The amount thus received was \$112.50.

GREENHOUSES, BRONX PARK

More than 225,000 plants were propagated and cared for in greenhouses, in addition to 12,000 cannas and geraniums that were developed in two greenhouses kindly loaned to this department for the season by the Botanical Society, making a total of 238,400 plants grown and distributed.



SCHOOL GARDEN SHELTER HOUSE

Built by means of a gift of \$4,000 by Mrs. F. F. Thompson

This work involved, of course, usual maintenance and care of houses, frames and boilers, as well as incidental labor.

Particular care was given to lawns and flower beds immediately adjacent to the department's greenhouses.

In April 55,000 square feet of grass sod was cut from the lawn in front of the greenhouses and transferred to the Crotona Park Extension, where it flourished.

The department suffers very much for lack of greenhouse accommodation.

In the budget for 1921 a request was made under the head of "Non-revenue Producing Improvements," to be financed under "Pay as you go" act for \$27,000.00 for the erection of additional greenhouse and propagating house.

During the present administration more park embellishment has taken place than ever before, with exactly the same force, and greater demand has been for still more. The demand has been so pressing that this department has actually taken upon itself to beautify some prominent reserved spaces (not park plots) on thoroughfares adjacent to points of entry to The Bronx

from Manhattan, giving a good impression to visitors and pleasing nearby residents and the people generally.

Pelham Parkway, for instance, is becoming very much noted for beautiful floral display to be seen there in the summer. It is hard, of course, to extend this display without additional means of production and additional help.

Pelham Parkway is now admitted to be one of the most picturesque parkways in America.

NURSERY, VAN CORTLANDT PARK

A substantial part of a new macadam road from Jerome Avenue to the Nursery was completed for about 1,800 lineal feet.

A large number of shrubs were transplanted in the Nursery, and more than 100 trees, which were not up to standard for ornamental planting, were taken up and planted in the woods adjacent.

Eighteen hundred hardy plants, 1,900 shrubs and 375 trees were transplanted and placed in nursery rows for development.

Roads leading to the Nursery were repaired and macadamized. Heretofore, during the winter and spring months, they were largely impassable on account of not being surfaced.

Young evergreens planted in 1918 and 1919, numbering 100,000, thrived exceptionally well, and have been protected from fire and vandalism through co-operation of our auxiliary force of inspectors and police.

The number of visitors to the Nursery has notably increased; a large number coming for educational purposes.

ST. JAMES PARK

A walk was constructed about 1,000 feet long and 12 feet wide from Jerome Avenue entrance near Church, to Creston Avenue. Persons using the subway made a short cut across the lawn to the station on Jerome Avenue at Fordham Road, which cut off at least three blocks, and it was decided to make a regular path. The soil was excavated 14 inches; then well rolled with a top dressing of fine screenings added, making a good dry path. The top soil taken out was used to grade the south side of the park adjacent to St. James' Episcopal Church.

MUSIC

The usual number of concerts were given in the various parks by high-class bands. The appropriation was \$7,322, which could be doubled to greater advantage. Night concerts have been more popular than day concerts. At some concerts temporary stands were provided, which are a standardized make and can be put up readily.

Poe Park has shown to great advantage as a place for music, which was originated in this park during the present administration.

WORKSHOP ACTIVITIES

The department's workshops were busy throughout the entire year.

The carpenter shop is well equipped, being fitted with electrically operated saws, planers, molding and shaping machines, lathes, etc.

Besides a lot of miscellaneous work, the carpenters—consisting of foreman, six carpenters, woodworker, sign painter, sheet metal worker, three house painters, varnisher, sawfiler (seven detailed laborers)—made repairs to buildings, bandstands, roofs, sheds and stables, erected fences, reviewing stands, foot bridges, repaired and re-planked bridges, repaired benches, made signs and fence-posts.

A practice developed is erection of stands for various public affairs, which is often burdensome.

The department is called on frequently for the loan of park benches, involving trucking and other labor. So that the public may be accommodated, the department responds to the best of its ability; at the same time seeking to reduce this work to a minimum.

Reference to the previous annual reports will show the general character of work in the Tinsmith, Painters, Blacksmith, Wheelwright, Plumbers' and Auto Machinist's Shop.

The department repairs all its own motor vehicles, road rollers, lawn mowers and other equipment.

APPROXIMATELY 4,000 ACRES

The park system of the Borough comprises the following named parks:

Bronx Park	719.12	acres
Crotona Park	154.60	"
Claremont Park	38.00	"
Devoe Park	5.87	"
Drake Park, J. Rodman	2.80	"
Echo Park	4.00	"
Fulton Park94	"
McComb's Dam Park	27.00	"
Melrose Park	0.83	"
Pelham Bay Park	1,756.00	"
Poe Park	2.33	"
Rose Hill Park	0.72	"
St. James' Park	11.83	"
Sigel Park, Franz	17.47	"
St. Mary's Park	34.20	"

St. Augustine's Park.....	0.25	acres
University Park.....	2.75	"
Van Cortlandt Park.....	1,132.35	"
Washington Bridge Park.....	8.45	"
Fort Independence Park.....	2.97	"
Fort No. 4 Park.....	6.71	"
Total	3,929.19	"

TRIANGLES AND SQUARES

The following named plots are also under the jurisdiction of the Park Department:

	Area in Acres
Third Avenue and 137th Street.....	0.04
Hall Place and 165th Street.....	0.38
Hunts Point Road and Faile Street.....	0.07
Hunts Point Road and Randall Avenue.....	0.12
Washington Avenue and 163d Street.....	0.26
Washington Avenue and 161st Street.....	0.26
Brook Avenue and 161st Street.....	0.36
Morris Avenue and 142d Street.....	0.06
Aqueduct Avenue and Boscobel Avenue.....	0.62
Waldo Avenue, Fieldstone Road and 242d Street.....	4.31
Boston Road and Third Avenue.....	0.06
Webster Avenue, Claremont Parkway, Clay Avenue.....	0.28
Jerome Avenue and 170th Street.....	0.50
Willis Avenue and Southern Boulevard.....	0.60
Spuyten Duyvil Parkway and Broadway.....	0.20
Fordham Road and Southern Boulevard.....	0.54
Quarry Road and 183d Street.....	0.05
Morris Avenue and 144th Street.....	0.06
Pelham, Crotona Avenue and Southern Boulevard.....	0.60
Mosholu Avenue and Broadway.....	0.06
Washington Avenue and 188th Street.....	0.15
Hunts Point Avenue, Whitlock Avenue and 163d Street.....	0.32
Third Avenue, Quarry Road and 181st Street.....	0.05
Waldo Avenue and 242d Street.....	0.31
Boston Road and 169th Street.....	0.16
Franklin Avenue and 169th Street.....	0.15
Austin Place and 149th Street.....	0.04
Shakespeare Avenue and 168th Street.....	0.06
Total	10.67

NEW YORK BOTANICAL GARDEN

The Director-in-Chief reports as follows:

"The maintenance and development of the institution proceeded during 1920, with many noteworthy additions to the collections and with marked improvements to the grounds. Extensive repairs to buildings were made. Plantations, lawns, trees and woodlands were maintained in health and beauty, vandalism having been kept in check, except for a few irritating incidents; high autumnal gales felled a number of forest trees."

"The path-system has been extended, especially at the new Iris Garden and its approaches, the Cherry Garden Shelter was completed and path approaches built up to it; work upon the much needed fence along the Southern Boulevard was commenced in the autumn and the entrance to the Horticultural Gardens there was nearly completed. The new Iris Garden within the Horticultural Grounds was built and planted and much progress was made in constructing and planting the new Fern Garden at the southern end of the Herbaceous Grounds, and the adjoining Rock Garden.

The dahlia collection was much increased and the plantation extended; a gift of some 20,000 tulip-bulbs from the Dutch Bulb Growers Association should form a highly attractive feature in the Horticultural Gardens next spring. Extensive additions were made to the orchid collection in Conservatory Range 2, and the collections in the Central Display Greenhouse have developed luxuriantly. In Conservatory Range 1, the Palm Collection has been much improved by re-arrangement and the Cactus Collection has been greatly increased.

Public instruction through Saturday and Sunday afternoon lectures in the Museum Building and in the Central Display Greenhouse attracted interested audiences and the docentry system has been increasingly appreciated. Instruction in gardening was continued and advanced students and visiting investigators in botany and related subjects have made good use of the collections and library. A very large amount of information about plants, their cultivation and their products has been given out to visitors and in reply to letters. The labelling of all collections has been continued."

"Exploration and collecting were carried out in Florida, Cuba and Trinidad, yielding important accessions of living plants, museum and herbarium specimens. Much work was accomplished in rearranging museum collections and in adding specimens held in storage to the exhibition cases.

About 14,782 species and varieties of plants were grown during the year; about 5,332 out of doors and about 9,450 in the greenhouses. Many of these represented by a large number of individual plants, many by one or few. The library now contains about 29,950 volumes, an increase during the year of 270 volumes. It has proved impossible under existing conditions to get bookbinding done at all rapidly and we have a considerable accumulation of unbound volumes. Additions to museum and herbarium collections aggregate some 16,569 specimens.

Publications during 1920 include *Bulletins* Nos. 38 and 39; volume 21 of the *Journal*; 3 parts of *North America Flora*; volume 12 of

Mycologia, 3 parts of the fifth volume of *Addisonia* and 11 numbers of *Contributions*. An annotated catalogue of specimens in the Economic Museum is in press to form volume 11 of the *Bulletin*.

Work was continued, in cooperation with the Park Department, upon the unfinished driveway near the Rose Garden and this is now ready for final surfacing in the spring. The maintenance of the driveway system was admirably taken care of by the Park Department under the provisions of the Garden's Charter, and for this and for other cordial cooperation by the Hon. Joseph P. Hennessy, Commissioner of Parks of the Borough of The Bronx, and his staff we are highly appreciative."

This department is very much indebted to the Botanical Society for loan of its greenhouse the last two winters. Last winter we were enabled, through the courtesy of this Society and Messrs. Daniel and Murry Guggenheim, to use the new Guggenheim Conservatory for propagation of cannas used in the Victory Garden and elsewhere.

The park development has grown far beyond the capacity of our own greenhouses.

NEW YORK ZOOLOGICAL PARK

This was a notable year in the history of this most attractive feature of the City park administration.

In communicating with this department, the director says:

"In two respects the year 1920 was one of the most successful in the history of the Zoological Park. A really great number of rare, carefully selected and highly interesting quadrupeds, birds and reptiles were acquired, and the number of visitors in attendance at the Park to see them was the greatest on record. Three great collections were received during the year,—one from South Africa, including many rare and long-sought large animals; one from Australia very rich in rare birds and Australian mammals, and one from Europe. These notable acquisitions have brought the collections of the Zoological Park up to the highest zoological status that they ever have attained thus far and have placed it in a most enviable position amongst the zoological gardens of the world.

The attendance for the year reached the large figure of 2,250,177 which was an increase over the previous year of 214,318.

During the same time the Park lost a smaller proportion of valuable animals than during any other year of its existence.

The popularity of this institution is the best answer that can be made to the objections of a few persons outside of New York to the creation and maintenance of zoological gardens.

The most notable animals received during the year were a baby chimpanzee born in the Park, a mandrill, two hoolock gibbons, onager, mountain zebra, pair of Rocky Mountain sheep, Bernard kangaroo, grater kudu, sable antelope, great ant-eater and feather-tailed opossum."

"Among the most valuable birds were two blue birds of paradise, lesser bird of paradise, turquisine parrakeet, Princess Alexandra's par-

rakeet, two cocks-of-the-rock, white-bellied stork, white-headed vulture, and three fruit pigeons, the lilac-shouldered, golden-fronted and purple-breasted.

The Reptile House received the most remarkable fish that ever came to America alive,—the Lung fish, or *Ceratodus*, from Australia. This remarkable creature represents the change of gill-breathing fishes to lung-breathing amphibians, and its line of ancestry is traced back without a break for what the geologists believe to be millions of years.

In these days of scarcity of funds, it is a satisfaction to report that the Zoological Society is paying the annual cost of repairs to buildings, walks and roads in the Park by the expenditure thereon of the gate receipts, which now amount to about \$14,000 per year. This of course effects an important annual saving to the city treasury."

The director co-operated with this department actively to repress vandalism and disorderly conduct, accomplishing most desirable results.

STATEMENT OF CONDITION OF ALL APPROPRIATION ACCOUNTS FOR 1920

Code No.	TITLE OF ACCOUNT	Appropriations including Transfers	Transferred to Accruals	From Other City Depts.	Total Available	Expenditures	Unexpended Balance	Encumbrances	Unencumbered Balance
PERSONAL SERVICE									
1209	Salaries Regular Employees, Amd. General	\$29,653.00	\$609.54		\$29,043.46	\$29,043.46			
1210	" " " Adm. Engineering	12,386.00	.56		12,385.44	12,385.44			
1211	" " " c/o Parks and Boulevards	60,617.00	405.62		60,211.38	60,211.38			
1213	Wages " " c/o Parks, Boulevards and Trees	61,758.48	715.75	\$5,664.00	66,706.73	66,706.73			
1215	Wages Temporary Employees, Oper. of Playgrounds	3,750.00		603.50	4,353.50	4,353.50			
1216	" " " c/o Parks & Boulev'ds.	327,475.10		46,376.00	373,851.10	371,257.22	\$2,593.88		\$2,593.88
1217	" " " c/o Trees in City streets	25,800.00		1,230.25	27,030.25	26,663.87	366.38		366.38
SUPPLIES									
1219	Forage and Veterinary	1,800.00			1,800.00	1,788.16	11.84	\$11.84	
1220	Fuel	8,000.00			8,000.00	6,857.94	1,142.06	1,142.06	
1221	Office	600.00			600.00	595.94	4.06	4.00	.06
1223	Botanical and Agricultural	3,950.00			3,950.00	3,856.40	93.60	93.60	
1224	Motor Vehicle	3,100.00			3,100.00	2,275.88	824.12	759.75	64.37
1225	Other	1,200.00			1,200.00	1,197.83	2.17	1.20	.97
EQUIPMENT									
1226	Office	170.00			170.00	159.50	10.50	10.50	
1228	Motor Vehicle and Equipment	2,400.00			2,400.00	976.08	1,423.92	1,423.92	
1229	General Plant	3,900.00			3,900.00	3,896.97	8.03	2.70	.33
MATERIALS									
1230	Highway	17,885.00		1,465.00	19,350.00	7,227.92	12,122.08	11,993.80	128.28
1231	Other Materials	18,200.00		1,500.00	19,700.00	17,611.27	2,088.73	1,960.88	127.85
CONTRACT OR OPEN ORDER SERVICE									
1232	Repairs and Replacements	11,800.00			11,800.00	1,135.05	10,664.95	9,432.78	1,232.17
1233	Motor Vehicle Repairs	250.00			250.00	216.85	33.15	25.00	8.15
1234	Trans. Hire of Horses and Vehicles with Drivers	50,350.00			50,350.00	49,543.00	807.00		807.00
1235	" " Shoeing and Boarding Horses, incl. Veterinary	470.00		173.50	643.50	613.50	30.00		30.00
1237	" " Carfare	160.00			160.00	103.29	56.71		56.71
1238	Communication, Telephone Service	635.00			635.00	343.10	291.90	279.05	12.85
1239	General Plant Service, General	763.00		115.00	878.00	860.92	17.08		17.08
1240	" " " Music	7,344.00			7,344.00	7,322.00	22.00		22.00
		\$654,416.58	\$1,731.47	\$57,127.25	\$709,812.36	\$677,203.20	\$32,609.16	\$27,141.08	\$5,468.08

STATEMENT OF CONDITION OF CORPORATE STOCK AS AT DECEMBER 31, 1920

TITLE OF ACCOUNT	Unex- pended Balance, Jan. 1, '20	Author- ized During Year	Total	Rescinded During Year	Expended During Year	Unex- pended Balance, Dec. 31, '20	Encum- brances	Unen- cumbered Balance, Dec. 31, '20
Botanical Garden in Bronx Park, Improving, etc.....	\$800.00	-----	\$800.00	-----	-----	\$800.00	\$800.00	-----
Construction of Drinking Fountains.....	1,730.45	-----	1,730.45	-----	-----	1,730.45	-----	\$1,730.45
Erection of Addition to Col. Mansion, Van Cortlandt Park..	25.00	-----	25.00	-----	-----	25.00	25.00	-----
Grand Boulevard and Concourse, Pur. and Planting Trees....	8,089.13	-----	8,089.13	-----	-----	8,089.13	-----	8,089.13
Construction of Hospital Building, Zoo.....	437.00	-----	437.00	-----	-----	437.00	437.00	-----
Swamplands, Van Cortlandt Park.....	6,598.09	-----	6,598.09	-----	-----	6,598.09	-----	6,598.09
Construction of Comfort Station, Athletic Field, Pelham Bay Park.....	1,805.44	\$916.00	2,721.44	-----	\$2,125.44	596.00	596.00	-----
Addition to Golf House, Van Cortlandt Park.....	9,770.00	-----	9,770.00	-----	-----	9,770.00	-----	9,770.00
Addition to Sidewalk along 177th Street side, Crotona.....	352.79	-----	352.79	\$208.65	-----	144.14	144.14	-----
Repaving Eastern Boulevard, Pelham Bay Park.....	1,202.61	-----	1,202.61	-----	503.90	698.71	698.71	-----
Repaving Portions of Bronx and Pelham Parkway.....	2,317.51	-----	2,317.51	-----	-----	2,317.51	495.20	1,822.31
Repaving Eastern Boulevard from Bridge to N. Split Rock Road.....	59,000.00	13,899.00	72,899.00	-----	65,956.69	6,942.31	6,611.03	331.28
Repaving Eastern Boulevard from Bronx and Pelham Park- way to Bridge.....	70,000.00	-----	70,000.00	2,000.00	44,536.10	23,463.90	4,230.77	19,233.13
Repaving from N. Y., N. H. & H. R. R. Bronx and Pelham Parkway to Eastern Boulevard.....	75,225.00	9,617.50	84,842.50	-----	68,447.08	16,395.42	6,926.30	9,469.12
Plans for Construction of Comfort Station, Orchard Beach..	240.00	-----	240.00	-----	-----	240.00	-----	240.00
Repaving Boston Road from 182d St. to Bronx Park East....	70,000.00	-----	70,000.00	-----	-----	70,000.00	-----	70,000.00
Repaving Van Cortlandt Ave. from S. Boundary to Van Cortlandt Station.....	11,750.00	-----	11,750.00	-----	-----	11,750.00	-----	11,750.00
Plans for Construction of Concrete Bathhouses, Athletic Beach	400.00	-----	400.00	-----	-----	400.00	-----	400.00
Construction of Irrigating System, Golf Links, Pelham.....	5,000.00	-----	5,000.00	-----	1,257.97	3,742.03	2,026.12	1,715.91
Extension of Bathing Beach, Athletic Field.....	5,500.00	-----	5,500.00	-----	-----	5,500.00	-----	5,500.00
Construction of Sidewalks, etc., Mott Ave., Franz Sigel Park	6,000.00	-----	6,000.00	-----	-----	6,000.00	-----	6,000.00
Planting, Sodding and Construction of Walks, Hunts' Point Square.....	2,950.00	-----	2,950.00	-----	-----	2,950.00	-----	2,950.00
Repaving Connection between Pavement, Bronx and Pel- ham Parkway.....	6,000.00	2,000.00	8,000.00	-----	6,428.07	1,571.93	678.68	893.25
Construction of Driveway, Eastern Portion, Botanical Gard'n	3,215.77	-----	3,215.77	-----	2,011.48	1,204.29	630.00	574.29
Construction of Walks, etc., Zoological Garden.....	5,000.00	-----	5,000.00	-----	-----	5,000.00	-----	5,000.00
Construction of Machinery and Storage Shed, Zoological Gar- den.....	15,000.00	-----	15,000.00	-----	-----	15,000.00	-----	15,000.00
	\$368,408.79	\$26,432.50	\$394,841.29	\$2,208.65	\$191,266.73	\$201,365.91	\$24,298.95	\$177,066.96

STATEMENT OF CONDITION OF SPECIAL REVENUE BONDS AND SPECIAL FUNDS AS AT DECEMBER 31, 1920

TITLE OF ACCOUNT	Unex- pended Balance, Jan. 1, '20	Author- ized During Year	Total	Rescinded During Year	Expended During Year	Unex- pended Balance, Dec. 31, '20	Encum- brances	Unen- cumbered Balance, Dec. 31, '20
Deficiency in Budget Item 1213, 1918.....	\$4.50	-----	\$4.50	-----	-----	\$4.50	-----	\$4.50
" " " " 1216, 1918.....	35.98	-----	35.98	-----	-----	35.98	-----	35.98
" " " " 1213, 1919.....	28.24	\$65.37	93.61	-----	\$87.85	5.76	-----	5.76
Purchase of Coal, 1919.....	1,655.40	-----	1,655.40	-----	1,650.00	5.40	-----	5.40
Deficiency in Budget Item 1213, 1920.....	-----	4,877.90	4,877.90	-----	4,766.76	111.14	\$74.50	36.64
" " " " 1216, 1920.....	-----	17,640.90	17,640.90	-----	17,407.66	233.24	89.50	143.74
Moving Fountain from City Hall to Bronx, 1920.....	-----	3,548.00	3,548.00	-----	3,534.95	13.05	-----	13.05
Purchase of Automatic Turnstiles, 1920.....	-----	900.00	900.00	-----	900.00	-----	-----	-----
Electric Lighting, Music Stands, 1920.....	-----	705.00	705.00	-----	380.00	325.00	-----	325.00
Forage, Gasoline, and General Plant Equipment, 1920.....	-----	3,200.00	3,200.00	-----	2,256.37	943.63	923.86	19.77
Purchase of Coal, 1920.....	-----	1,620.52	1,620.52	-----	-----	1,620.52	1,608.24	12.28
Increase in Pay for One Sawfiler, 1920.....	-----	139.50	139.50	-----	-----	139.50	139.50	-----
	\$1,724.12	\$32,697.19	\$34,421.31	-----	\$30,983.59	\$3,437.72	\$2,835.60	\$602.12
Planting Trees in City Streets.....	\$174.75	-----	\$174.75	-----	-----	\$174.75	-----	\$174.75
Damage to Trees and Other Park Property.....	265.00	\$343.00	608.00	-----	\$486.00	122.00	-----	122.00
	\$439.75	\$343.00	\$782.75	-----	\$486.00	\$296.75	-----	\$296.75

COMPARATIVE STATEMENT OF PERSONAL SERVICE FOR 1919 AND 1920

	CHANGES FOR 1920		Increase over 1919	Increased Employees, 1920
	1919	1920		
Commissioner's Office.....	\$8,800.00	\$9,445.00	\$645.00
Bureau of Audits and Accounts.....	7,500.00	8,588.00	1,088.00
Bureau of Superintendent.....	10,800.00	11,428.00	628.00
Bureau of Engineering.....	7,760.00	12,385.44	4,625.44	1
Storeroom.....	2,200.00	2,600.00	400.00	3
Skilled Labor.....	98,660.00	153,458.90	54,798.90	*2
Unskilled Labor.....	265,667.09	398,930.10	133,263.01	9
	\$401,387.09	\$596,835.44	\$195,448.35	11

* Decrease.

The increase was due practically entirely to increased rate of compensation authorized by the Board of Estimate and Apportionment.