# THE CITY RECORD.

# OFFICIAL JOURNAL.

Vol. XXIX.

NEW YORK, FRIDAY, JULY 19, 1901.

NUMBER 8, 574.



# DEPARTMENT OF WATER SUPPLY.

Third Annual Report of the Department of Water Supply, City of New York, 1900.

DEPARTMENT OF WATER SUPPLY-CHAMISHOWER'S OPPICE, Nos. 13 to 22 Page Row, New York, March 2, 1901.

MON. KOJURT A. YAN WYCK, Mayor :

DEAR SHE-TO compliance with section 457 of the Greater New York Charge, I have the homer in present the following report of the public leasiness transacted by the Department of Water Supply for the year 1900:

ROBBIGUE OF MANHATEAN AND THE BROWN.

THE CROIDS WATERSHIP,

Rainfall and Shraye.

Although the records of the rain-gauges kept by the Department at the Boyd's Corner Reservairs, the Middle Branch Reservoir and the Croton Dam show an average rainfull for the year of 47%, inches, which is very nearly up to the average for the past thirty-five years, the year tono must be classed as a dry year in its effect on the City's water supply. For this there are

First In the preteding year, 1899, the rainfall max 2.29 inches less: at the beginning of 1900 the storage reservoirs were drawn down to about one-third of their capacity; the drafts upon the storad water had to be continued throughout the month of January, and in the apring the soil was comparatively dry and capable of absorbing a larger proportion of the rainfall than

the soil was comparatively dry and capable of absorbing a larger proportion of the rainfall than usual.

Second—Nearly all the rains of spring, summer and autumn came in brief, heavy freshets, with long intervals of dry and but weather, leaving the soil in no condition to feed the streams during these Intervals, and creating brief periods of overflow and waste, abstructed by long periods of drought. As a consequence, there were only 122 days during the year when the natural flow of the Groton river was capable of delivering the needed daily supply through the aqueduc, and for the larger part of these times the rush of water from freshets forced a large proportion of the flow over the Union Itam into the Hadson river to an aggregate quantity of 40-000,000,000 gallon. On 243 days of the year the flow of the river had to be supplemented by drafts on the storage reservoirs, amounting in the aggregate to 35,500,000,000 gallons, which is 88 per cent, of the entire storage capacity in the Conton watershed.

The conditions which obtained to 1900, as above stated, add great weight to the reasons given in my report for 1800, derived from the experience of that year, for the necessity of makable immediate additions to the storage capacity in the Conton watershed. The time when the Control Dam and Reservoir, in course of construction under the direction of the Aqueduci Commissioners, will become available to no distant to admit of non-action in this matter at the present time. With the stream tended to distant to admit of non-action in this matter at the present time. With the stream the Construction of the Conton of the Board of Public Improvement approved the map of the land to be acquired for this purpose mate than a year ago; the Board of Estimate and Apportionment gave its approval early in 1900 for a hand issue of \$300,000 to pay for the hand, but the concurrent action of the Municipal Assembly law mit yet been obtained. This concurrent action and the appointment and installation of Commissioners of Appraisal are nec

# SUPPLY AND CONSUMPTION OF CROTON WATER.

The Croton water supply is always managed to meet the full and most liberal requirements of the population, the industries and the commerce of the Borough of Manhattan. Yet it is a remarkable and unusual fact that the average consumption for 1900 shows an increase of only 2,375,000 gallons near that for 1809, whereas the increase in 1809 over 1808 was 30,000,000 gallons per day, and in the preceding years the annual increase ranged from 15,000,000 to 25,000,000 gallons per day.

The following are the figures:

# Average Daily Consumption in 1900.

First quarter. Second quarter. Third quarter. Fourth quarter.	Gallons. 263,000,000 242,500,000 250,000,000 256,000,000
Average for the year	Gallons. 255, 175,000 253,000,000
Increase—t900 over 1899.	2,375,000

# THE BRONX AND BYRAM RIVER WATER SUPPLY.

The rainfall for the year, as recorded by the rain-gauges at the Kensico Reservoir, was 47.68 inches for the year 1900, which is quite equal to the average since the introduction of the Bronz river supply. The unfavorable condition described as prevailing in the Creton watershed, however, obtained here in aggravated form. Several years ago the consumption of water in the Borough of The Bronx had reached the full capacity of the watersheds under more favorable meteorological conditions than those which have obtained for the past two years, and within that time the consumption has repeatedly exceeded the incoming supply, with the consequence that the Rye Ponds and Kensico Reservoirs on the Bronx river and the Bytam River Reservoir, which had been depleted by drafts in 1809, were not refilled by the rains and melted show of the first four or five months of 1900. With these precarious conditions, the Department had to face the additional demands upon the water service created by a hot and dry summer and a constantly increasing population. The excess of demand and consumption over a diminished available supply culminated toward the close of the year in almost entire depletion of the reservoirs. The depth of water in the Williamsbridge Reservoir was lowered 29 feet, and the pressures in the distributing mains were reduced proportionately. On the lower grounds, in the densety built up section of the borough, the water failed to rise to the upper stories. On higher grounds the supply was almost cut off during the heavy hours of the day, though a fair supply could be obtained at night. On the advent of freezing weather, when the people on the lower grounds, who still had lair and constant water supply, hegan the peruicious and apparently irrepressible practice of keeping their fancets open day and night to prevent freezing in their pipes, unmindful of the discomfort and distress which they brought on their neighbors on higher grounds, the supply absolutely ceased in some of the houses on the heights.

Forewarnings of these unfortuite conditions had been given for the past three years in quarterly and annual reports of the Department, and in my to intunications to the Beard of Pablic Improvements and the Pacrd of Estimate and Apportionment, asking for fineds and authority to build and operate a high service pumping station at Jerome "ark, with mains lending into the peneral distributing system, whereby the water upper for the orrough could be more them doubled by pumping from the Aquaduct. The two Beards responded to these requests with reasonable prompting had the Manicipal Assembly widthed its concurrent action until the 5th of this month, Felmany, 1971. At least two years must yet shapes before this pumping station and plans, with large mains to the distributing system, can the completed and put as operation, and in the aperations to concern must be had to temporary pumping.

Although a recital of the several measures taken in this direction will lend up to the present data in 1991, I deem it not improper to give it in this report for the year 1990.

Near the place of October, a temporary pumping plant was installed to pump 500,000 gallons of water per day from the old Croton Aqueduct into the mains west of the Aquaduct, to supply houses on King bridge Heights and Mardia Hill. This service was subsequently excended around the Jerome Pask reservoir to the east of the Aquaduct.

On November 20, I addressed a communication to the Manicipal Assembly, asking the adoption of a resolution under section 181 of the Chry Charter, to authority an internal account of the argument of the installation and operation of a temporary pumping plant at the sold Croton Aqueduct, near Gan Hill road, to pump from two to remailling gallons of water per day from the distributing mains a Broax Roman, and Laske at the same time, on account of the argument of the distributing mains a Broax Roman, and Laske at the same three, on account of the argument of the Chry Charter. The contract and specifical on the thin hand in the proper of

purpose,

These temporary measures, now is operation, add about 1,800,000 gathered water in the supply in The Bronz, but they are far short of giving adequate relief throughout the distributing

Since the Byrnas river apply was added to that from the Broax river, in 1856 and 1897, a normal supply of 22.000,000 galless per day has been restrict and therein and the bornast of The Broax up to August, 1000, when in consequence of the conditions herein described the supply was reduced to 19,000,000 gallow. In September to 17,000,000 gallow, and in Conder and Forember to 14,000,000 gallow. By more haverable conditions of rainfall it because purable in Recording to increase it to 13,000,000 per day. The average drift amply for the year was 18,220,000 gallow.

Surveys are in progress for an additional reservoir on the Broax civer, and for an additional pipe conduct thence to the distributing system in thems having the thereby if will become possible to make a considerable increase in the supply from the broax and hyram watersheds, and to make a considerable increase in the supply from the broax and hyram watersheds, and to make a considerable increase in the supply from the broax of the reservoir of the reservoir in day sexums.

#### ACCREMENTS AND MODEL CONDUIT,

The work of maintenance on the eight divisions of the Old and New equation, including Croton Lake and Dam and the Lentral Park of actions, has been of the named dispecter—builting and repairing tences, repairing embrokements and maintenance, keeping habiting, doing to proper repair, grading and withing aqueology grounds, etc., etc. The maintenance force has do token care in tends, incidings, forces and made adjacent to the strong reactions in the trains and easily tenths. It is not a force has do not shown that the New Aqueology has continuously been used, with an actions or increasing to a many the entire water supply for the Borough of Manhattan. A comparatively small flow of water has possed through the Old Aqueology to apply water regained in the construction of the Contail Plan, at Sing Prison, in the construction of the Jerome Park Reservoir, and to fortald the water for the auxiliary supply in Bronx Borough by temporary pulsoping plants, as described in a integrating part of this report.

The Bronx River Conduit, and the ground over and adjoining it, as well as the two storage reservoirs on Bronx River Reverses and Eyeun Syu in Easy of all adjacent grounds and all appurentances of the Bronx and Byoun Syu in Easy of a proper condition by a regular maintenance lorge.

# DISTRIBUTING STATEM.

During the year the following a decimalise over lately to extend the outer errors into new streets and to improve the errors and a large the outputy in the older extend of the city, where increased supply became necessary to consequence or propressive changes by the eartien of large hotels, apartment houses, immense miles buildings and large industrial and connected astablishments which have taken the place of former reducing size I houses:

36-inch maine	LO-0 000.
20-inch mains,	5,033
6-meh mains.	39,057
Total length of new mains.	69,696

-equal to 11.31 miles.

In connection with these new mains, 134 new stop-cocks and 142 new fire-hydrants were

In consequence of numerous changes of street grades in the lineagh of The Brons, ald water-mains and stop-cocks had to be abandoned and replaced by new ones, to the following

1,454 linear feet, with 2 stop-tooks, 17,304 linear feet, with 21 stop-tooks. 18,758 feet of mains and 23 stop-cocks.

With this work, 49 new tire-hydranis were also substituted for old ones.

Work has been consumenced under a contract for laying a 48-inch water-main from the Old Croton Aquestnet through Moshelo parkway to and down the Sunthern Boulevard as far as One Hundred and Seventy-third street. At this and other points this large main will be connected with the present distributing system of the lower and compactly built up section of The Bronx Horough, which will then be supplied directly from the aqueduct. It will enable the Department to use the entire Bronx and Bytam river supply for improved service in the nartherly section and on the higher elevations in the borough; it will prevent the drawing down of the water in the Williamsbridge Reservoir, and it will thus prove a most valuable and effective measure of reliet for the people of The Bronx, in advance of the completion of the High Service Pumping Station at Jerome Park. The work is a very large one, however, and will not be completed before October next.

# Repairs in Distributing System.

This work is performed by six district repair companies and two repair companies at large, composed of mechanics and laborers and the necessary complement of teams and carts, each company being in charge or a competent foreman. The following is a summary of the principal items of work done by this repair force during the year;

790 new fire-hydrants set in place of old ones.

10, 102 old fire-hydrants repaired.

11,491 old stop-cocks pined.

11,491 old stop-cocks repaired.

11,128 leaking house service pipes that off at mains.

7,429 linear feet new water-mains laid in place of defective mains.

In the course of the year 2,518 permits were issued to tap water-mains for new house connections with the water service, the raps being placed in the mains by skalled employees of this Department.

The present distribution system in Manhattan and The Brook includes the following mains, stop-cocks and hydrants:

Diameter in Main and Structures	Warner Succes, Linear Such	Street or street codes.	NUMBER OF THE SUPERISTS
#listacli	rg) pir	TQ.	Old styles
geinelt ,	907,407	70	Double-north 1,686
ge helt	40,07	-	Other improved styles - 1,45%
ppinuli () diniiga	46698	13	
points parameter than the second	745,471	945	
jewh	17,110	31	
poliuli ; co. co. co. co. co. co. co. co. c	1,000,000	91005	
militar communication and a second	n/heg	117	
6 tach	nyrianis.	540	
4000	58,814	110	
Touk	1,517.816	9/150	11,624

Length of water-males in miles, tor. - 1.

High Service Suffly in Montation,

The present paragraph of the three high-service stations, West Ninety-eighth street, Digas troubs, and Wishington things, has been for several years just and is now operated to its maximum capacity overpt that two purephy, except greaters for an in case of account on our round the others. First million publics of water are pumped every twenty, and have and the thories through the high-service fluorets. Every meelingen resident of Mardanian have that the growth in buildings and population, especially in large apartment hours, private holders and fluor residences, has of his vests been greater in the edictrict. That in my other section of Mardania. The consequent of mands on the high-water service had to be seen without a corresponding therease of resources. There has been no addition to the jumplar power lines (80). The insvitable is of the lightwest pressure in the high service mains and in the almost at which the water on he lightwest in bases, giving the to much dissolution and many compilines.

To forward an ideas these unminimizations conditions the late Department of Public Works in 1857, apulied for funds for two additional large pumping engines for the Washington Bridge Station, and I movement the my financial in 1898. As in other cases, the Forards of Public Linguisterm and of Latinutes and Apportionation took (avorable action within reasonable time, The concerns and on the funds up a venilly was not obtained until February 5, 1961. The movements and of Latinutes and Apportionation took (avorable action within reasonable time, The concerns action as to substitute for the two confines are now in progress. In the meaning a contract by paint lating for the two confines are now in progress. The movement of making a contract by paint lating for the two confines are now in progress. The meaning a contract by main and an interest to the formal tract, and through that areas to Third avone. This large main we had for the points where it is most argently needed, experiently and tract and contract where the formal

Delubing Fountains, etc.

There are in Manhattan and The Hirax, under the charge of the Department, 3 arasmental frinking foundain, 12 drinking foothers for each and beast, 158 petitic for a trough, and 14 Bartholomew hydrants, which are used by pressing down a lever. These being City property the Department keeps from a proper report.

There are also 50 borse frought placed and maintained at private expense, including the annual charge for water. The South for Prevention of Cruality to Animals has also placed and maintains, without charge for water, a drinking foundains for man and besat.

# BUNDANCE OF BROOKLYX.

# RADIVAGE IN THE WATERMENT

The manual has the past year, as recorded by the rain gauge kept at the Hompstead Removels, which is near the central point of the present watershell, was \$1.43 inches, which is 2.17 holion best than in (893, 979) inches best an 1898, and \$98 inches; but than in (894, 979) inches best than in 1897, thus making tocolite direct of four consecutive years.

For the two years, \$899 and 1900, the total rainfull was \$5.03 inches; but the preceding two sens, 1897 and 1898, it was 97.63 inches, escending the last two years by \$12.50 inches. By comparison (899 and 1900 must therefore be classed as consecutive day years. This, in connection with the mean universal distribution at the rainfall of 1900, which obtained in the Crimin, from and Hyrain watersheds, has the effect of classical of the average daily yield for the threshyll mater service by \$1,242,000 gallium.

# SUPPLY AND CONSUMPTION.

The average daily apply received at the Ridgewood Reservoir for 1900 was as follows:

Water flowing into the conduit from streams, etc., without pumping	Gillios 42,468,800 7,537,432 36,752,388
Total daily yield.	86,758,426

The normal daily yield of the watershed under normal conditions is 90,000,000 gallans. The yield for 1900 therefore shows a reduction of 3,242,000 gallons. Considering the fact that a daily supply of 90,000,000 gallons is at the rate of a daily supply only of about SS gallons per capita of the population of the Borough of Brooklyn, while the per capita rate in the Borough of Manhattan is over 120 gallons, it must be evident that the effect of the reduction in supply is most severe on the people of Brooklyn. The consumption exceeded the supply received from the watershed, the excess being made up by drafts upon the water stored in the reservoirs.

The drafts on stored water are shown by the following statement of the quantities of water contained in the reservoirs on famoury 1 and on December 31, 1900, respectively:

contained in the reservoirs on January 1 and on December 31, 1900	TOTAL TRANSPORT CONTRACT VOMENT	Illons.
January 1, 1900 - Ridgewood and Mount Prospect Reservoirs Hempstead Storage Reservoir	239,135,800 94,000,000	6
Diccember 3t, 1900— Ridgewood and Mount Prospect Reservoirs Hempstead Storage Reservoir	171,279,000 34,939,000	335,155,800
Reduction	-	126,937,800

Although these drafts on stored water amounted to an average of only 34,723 gallons per

day, they reduced the depth of water in the Ridgewood and Mount Prospect Reservoirs to such an extent that there was very large loss of pressure in the delivery of the water through the distributing mains, causing much discomfort to the people, especially on the higher grounds. The foregoing figures and statements do not include the pumping station, reservoir and plant at New Lots, formerly the property of the Long Island Water Supply Company, of which the City took possession about the close of April last. Since that time the supply from that plant has ranged from 3,851,000 gallons in May, and the maximum of 3,925,000 gallons in July to the minimum of 2,948,000 gallons in November, the average daily supply for the eight months being 1,724,000 gallons. being 3,724,605 gallon

being 3,724,605 gallons.

Several measures have been taken to reduce the consumption of water and prevent the complete exhaustion of the reserve supply to the reservoirs. The supply to shipping was cut off, as such supply could be obtained on the water-front of the Borough of Manhattan. The wave of water in public school buildings was checked. The supply to ornamental fountains and for street sprinking was support. Finally, on September 27, the Past New York avenue water-main, which was completed in 1800, and pet in service in February, 1807, for the purpose of supplying the South Brooklyn service, was ent off, but was resoured to service on December 12. In the meantime the supply from the Gravescool and New Utrecht Pumping Stations was increased by 500,000 gallons and 150,000 gallons respectively, with connections to the South Brooklyn distributing system to partially compensate for the loss of the supply through the East New York avenue main.

Gravesend and New Utrocht Supply.

The product of these two well stations has been materially increased last year over that for 1899, as shown by the following figures:

	Gantons,	HALLONS.	GALLOW,
Gennoved Supply.			
Maximum per day in winter-ran	a,6p,pa	3708, nm	1,015,800
Maximum per day in summer	Septime	3, 100,000	130/050
Daily average for the posts, and accommon accommon accommon	5058921	3,876,177	251/144
New Otensia Supply.			
Maximum per day in winter	runeycog	1,996.501	12,000
Maximum per day in numation	£ <sub>1</sub> 7 (// <sub>1</sub> 400	=,365,000	T00/000
Daily average for the year	1,203,000	045445000	Banqua

The average daily increase at supply in 1900 over 1800 is a little more than 22 per cent, for the Gravesend supply as nearly 69 per cent, for the New Utrecht supply.

As herenhence stated, a daily supply of about 600,000 gallons from the Gravesend plant, and 150,000 from the New Utrecht plant, was turned into the distributing mains in South Brooklyn for 76 days, from September 27 to December 12, during which time the East New York avenue main was shot off to prevent complete exhaustion of the reserve supply in the reserveirs of the Long Island watershed and Ridgewood system. It is a fortunate circumstance that these plants were capable of furnishing this partial substitute for the syspended supply through Fast New York avenue main.

#### DESTRUCTION SYSTEM.

In extending the water of the Brooklyn water service into new streets and districts, in response to demands for water supply and fire protection to new houses, there were hald dering the year 14.440 linear foot of 12-inch makes, 30,102 linear foot of 5-inch makes, and 5.257 linear fort of 6-inch makes; total, 52.808 linear feet, equal to ten miles, with 121 new water gates are stop-teneks and 110 additional fire-hydraubs.

The distribution as the water makes foot at the miles, with 121 new water gates are the distribution as the water makes.

stop-cocks and 119 additional fire-hydrants.

The distributing system now includes 606,71 miles of water-mains, 1,178 water game or stop-cocks, and 6,486 bre-hydrants.

On January 1, 1000, there were 2,955 water meters to use, 550 of littonal motors were placed, making a total of 3,514 meters in use at the close of the year.

In the repairs and maintenance of water-mains stop-cocks, bre-hydrants and drinking tometains an average force of 5 Porchen, 4 Assistant Forceson, 4 bequerous 3 Tappers, 54 Mechanics, 112 Labours, 5 teams and a cart have been employed.

The following are the principal trens of wark performed during the year by this repair faces a 520 leads in water-mains repaired.

4.180 fire hydrants repaired.

262 stop-tocks repaired.

148 leady home-service pipes shall oil.

1,913 new taps placed in mains too bouse ervice.

#### PUMPING STATISTICS.

At Mount Prospect the pumping for the reservoir acryice has been more send by about 190,000 gallons per day for the entire year, and the same increase has been made in pumping for the tower (high) service. Owing to reduction of steam pressure is one at the buffer, anti-rosed by a buffer inspector, and in the absence of authority and appropriation for a new boffer, it became necessary early last summer to resort to the temporary expedient of hiring a boffer. A contract for two new boffers, to take the place of four old ones, is now being advertised for public lesting.

At the Ridgewood Engineer the lest of the the

for two new boilers, to take the place of four old ones, is now being substituted for public letting.

At the Ridgewood Station the last of the three engines farmished under a contract between the late Department of City Works and the firm of Henry R. Worthington, was tested in January, 1972. Like the first two it showed an excess of performance over the contract requirements. Under the testes of the contract the three engines have on this account curred a bonus of \$23,500,28. Much improvement in the working of the boilers has been effected by the Installation of a venitlating fan in the toiler room. Details of other improvements at this station will be found in the Chief Engineer's report, hereto attached.

The ownership of the New Lors Pumping Station and plant, including distributing mains, passed from the Long Island Water Supply Company to the City in April at last year. The whole equipment of the station was then in post condition, requiring exhaustive repairs, which are described in the Chief Engineer's report. In a terepoing part of this report is a statement of the daily water supply busined and distributed from the plant.

At the Gravescod Pumping Station the older of the two engines has been in service fifteen years without thereough repairs, because both engines have to be operated constantly to pump the needed quantity of water supply. Improvements are also needed in the boilers to reduce the excessive exal consumption. The thirty driven wells at this station are in good condition.

At the New Ulrecht Pumping Station a bailer inspector ordered such reduction of seam pressure in one of the loiders that it became increasing in make a contract for a new boiler in its place. By placing new suction pipes the yield from the driven wells and the open will has been considerably increased.

For default of the workings and condition of the pumping stations along the conduit line, from Ridgewood to Massaperpa, and the condition and yield of the driven wells. I beg to refer to the Chief Engineer's report. I wi

# MAINTENANCE OF RESERVOIRS AND CONDUCTS.

At Mount Prospect the masonry of the high service tower was repointed; the inner lining of the reservoir was thoroughly repaired, detective brick being removed and replaced by new; a a new iron fence, with a gate to the tower approach has been nearly completed under contract; the coment walks on the grounds were repaired, but should be entirely regraded and repaired; the lower half of the reservoir enhankment has been graded and sodded by contract, and a hedge planted at the foot of the embankment facing the Parkway and Prospect Park, which, after two or three years" growth, will be an effective barrier against intrusion on the reservoir and

two or three years' growth, will be an effective barrier against mirusion on the reservoir and grounds.

At Ridgewood Reservoir Basin No. t was partially emptled in March to place a screen at the efflux chamber, and a box for measuring the depth of water. In the fall, when excess of consumption over a diminished supply had lowered the water almost to absolute depletion, the inner concrete slope of Basin No. 3 was thoroughly repaired.

The New Lots Reservoir of the Long Island Water Company's system, transferred to the City last April, is very much in need of thorough cleaning in consequence of the growth of algae and other organisms. To effect this, arrangements have been made to use the chilax force main without using the reservoir, when necessary or desirable, and as soon as a ravorable opportunity arrayes, the reservoir will be emptted and eleaned. Plans have been made for direct connection from this reservoir to the New York avenue and Atlantic avenue mains of the Ridgewood system. Minor repairs, described in the Chief Engineer's report, have been made at several ponds in the watershed. The main conduits from Massapequa in Millburn, and then to Spring creek, have performed their functions without interruption. Constant inspection and patrol of the streams and ponds tributary to the water supply have been maintained throughout the year.

# WORKS TO IMPROVE AND INCREASE THE WATER SUPPLY.

Filter Plants for Baisleys and Springfield Ponus and Streams,

When funds for the construction of these mechanical filter plants became available, the engineers of the Brooklyn water system prepared a form of contract and specificatious, another form being also prepared by the Chief Engineer of the Department. The Engineer in charge of the Brooklyn water supply found objections to several provisions in the Chief Engineer's specifications, in which he was strongly supported by the Deputy Commissioner for the Borough of Brooklyn. After lengthy correspondence and deliberation, and in deference to the fact that the filter plants were to be built and operated under the immediate direction and supervision of the Brooklyn engineers, their draft of contract and specifications was ultimately adopted, and was approved as to form by the Corporation Counsel. Hids for the contract were invited by

advertisement, and were publicly opened on October 4, 1900. Prior to this the estimate of the engineers of the Brooklyn water service of the cost of the plants were successively increased from \$125,000 to \$137,800, and lastly to \$150,000. At the same time the estimate of the Chief Engineer was \$175,000.

### Additional Pipe Conduit from Millburn to Spring Crark.

This all-important addition to the Brooklyn water system is at last order contract, and atisfactory propers on the wire has been made since the contract was awarded and executed, November 28 into. The sex bids for the contract ranging from the lowest, \$870,397, to the highest, 2079, 40.75, were received and opened on the tax of November, Mr. William II. Masser on being the oncound bidder. In a further part of this report will be found a recital of the efforts made and the socresive action taken within the past three years to accomplish the execution of this great and much besided work. The progress so far made justifies the prediction that the work will be completed within the contract time, eighteen months, beginning ten days after the execution of the contract it; the contract time, eighteen months, beginning ten days after the execution of the contract it; the contract of the Commissioner, November 28, 1905. The Department will then be able to convey to Brooklyn an additional supply of twenty to twenty-five million galons from the easterly section of the watershed, where it is now going to water because the old brick conduit from Milliam to Spring creek is not capable of carrying it.

The vaperiouse of the past two years, and most particularly that of last year, has demonstrated in most forcible manner the argent necessity for larger storage capacity in the Brooklyn water system. To this end surveys have been completed for a storage reservoir at East Meadow creek in the easterly section of the watershed. Surveys are also us progress and nearly completed for a large storage reservoir at Forset Park. Plans and specifications have also here prepared for the practical reconstruction of the Millburn Reservoir, which was expected as practically completed, but was never necessed from the contracts to proceed with the construction of these reservoirs, which was proceed with the construction of these reservoirs, which will remove for a considerable time the danger of complicies construction of the reserve supply, whi

people of Brooklyn.

LAPORATORY WORK.

At the Laboratory, Moont Prospect, 2,707 samples of water were received during the year, on which there were made:

1.914 physical examinations.

510 complete elemital analyses.

763 partial chemical analyses.

853 microscopical examinations.

4.876 bacteriological examinations.

Tests were also made of 21 samples of coal, 41 samples of oils, 7 samples of asphalt and 18 samples of brick, which articles of supply are purchased and used in the operations of the water service.

The water samples included well water and surface water from every part of the Brooklyn water system, as well as from supplies tomished by private water companies in the boroughs on Brooklyn and Queens. None of them showed ingredients in authorist quantity to affect the public health in the least. For full details of the results of the laboratory work I beg in ruler in the report of the United Engineer.

Bogoven or Quiens.

The public water supply from pumping plants and wells owned by the City and operated by this Department extends to the First Ward (Long Island City) and the Third Ward (villages of Flushing, College Point and Whitestone). The other three wards receive their supply from private water companies and from wells and springs in the homesreads.

For the First Ward the supply from the three pumping plants owned by the City has long ago been Inadequate. Since Jure 4, 1898, it has been supplemented by a supply farmished under a contract made May 16, 1898, with the Chircuis Water Supply Company of Newtown, at the paire of supper one million gallons. In the course of three years past the average daily supply from this source had to be increased from 1,479,000 gallons in 1898 to 3,228,000 to 1899 and to 4,104,355 gallons in 1900. All this water is measured by four large meters at the points where it enters the City's system of distributing mains.

The following are the average daily quantities of water pumped and distributed from the several plants during the year 1000:

	Galions,	Total Garages
riest Ward-		
Station (,,	726,559	
Station to the second s	836,151	
Station 1	577-777	
Fhird Ward-		2,150,517
Flushing Station	£98,500	
Gallege Point Matton or comment of the comment of t	1,959,016	
Whitestone Summer	26/4344	
		2,007,052
Stirens' Water Supply Company	occurre.	3,304,453
Total.,		7,646,602

The total average daily supply from the six public pumping stations for 1900 is 4,191,739 gallons, which is a decrease of 287,778 gallons from the average daily supply in 1899. The decrease is due to the unfavorable conditions of rainfall which obtained here as well as in the

In the latter part of the year there were many complaints from residents in the First Ward of the borough of loss of pressure in the delivery of the water through the mains and house-service pipes. The complainants generally attributed this to the very large consumption of water by factories, which, in proportion to the population, are very numerous in that ward. Some of the complainants asked that the water supply to these factories he shut off, but this would have been not only a violation of equity, as the factory owners receive and pay for the water through meter and at meter rate, but it would also have been a hardship to the hundreds or thousands of emplayees in the factories who would be thrown out of work.

There has been little improvement in the pumping and well stations in the First Ward, though frequent repairs were made from the limited annual appropriation. We are now in the fortunate position of having received by concurrent action of the Municipal Assembly and the Board of Estimate and Apportionment an appropriation of \$75,000, by issue of Special Revenue Bonds, for needed improvements to the several stations in the First Ward and for water-main extensions and connections, which will not only extend the water service to streets and avenues where such extensions are most urgently needed, but will also greatly improve the circulation and equitable distribution of the water supply in the First and Third Wards.

The following are the principal turns of work performed during the year by the small larve employed in the maintenance and reports in the distilluting system (

48 leaks in water-mains repaired,

44 septences repaired.
125 fire-hydrants repaired.
12 new stop-cocks placed.
22 new stop-cock bases placed.
24 new stop-cock bases placed.
2,712 linear feet of water-mains relaid.
240 new taps for home services placed in mains.

#### Remnant by Binamorn,

The small pumping plane curred by the City at Totrouville has been operated in the full active of the wells, curnishing an average daily supply during the year of \$9,242 yallons.

Therey-six additional taps for house-service pipes were placed in some small during the

Late in the year the Municipal Assembly gave its concurrence to a bond rouge of \$10,000 to place four new driven wells at the Tolomettic Suntain, but the authority for proceeding with the driving of the wells and the placing of connections with the prooping plant and make is still punding.

RETROSPECT FOR THREE YEARS,

The inflavorable meteorological and thorn of the past two years, followed by an above sally dry niner season, have embrished in the transfin of the past two years, followed by an above sally dry niner season, have cubainsed in the transfin of throughpout the financial distrainant struction beroinbefore described. They have not been paralleled in more than the neutronal since the years 1803 to 1872, and when we make comparisons with that period we make lear in mind that one half of the present per capita rate of water consumption was then considered all-sufficient, and that the increase in this rate has grown up through now appliance, contrivance, and habits in the use of water which were unknown to the general public thirty years ago, and when in time have become to be holded upon, and reality are, necessities in of the administration of this Department, and, in show the rejustice of it, I deem is pertinent in place as record in this report a chromological statement of the action of this Department in respect to in pertiner and permanent measures to preserve, in prove and increase the public water supply, evannessment to the growing and necessary demands upon the action of the facility of Public Improvements, the other of Estimate and Appending out to means and authority to carry out the needed works and improvements.

D is proper to state at the notion that for nearly the whole year of 1898, the first of the existence of Greater New York, and of the present City government, the danger of exceeding the conditional limitation of the City debt was a barrier to the authorization and lawse of adultional

ematitational limitation of the City debt was a burrier to the matherization and home or additional City honds for improvements.

The statement includes the boroughs of Manhattan, Ources and Kinkonoud, as well as those of Brooklyn and The Bronx. The conditions concerning the state apply in the so-eral burroughs differ only in the degree of present severity and immediate tagency of improvement. In the First and Third Wards of Ources the water apply has been administrate from the be-toning the houses on elevated grounds will soon be absolutely without water writer are as a increased. In Manhattan the high service must be promptly increased upper our or in disconstori to a considerable part of the population in a shart space of time, and work which will require several years in building and completion, must be commenced with as little delay as possible to utilize the full expansity of the Croton watersard, 380,000,000 g flore part due. At the sime time survey for new sources of supply must be commenced at once and expeditionally procedured.

In the Horough of Michaeuth the present small pumping station and well plant must be enlarged to meet urgent demands on the water service.

### STATEMENT OF ACTION ON VARIOUS WORKS AND IMPROVIABLES.

#### BANHATTAN AND BRONE.

Sanitary Protection of Water Supply.

January, 6, 1808—Commissioner's report to Board of Public Improvements, calling for bond issue of \$500,000 to pay for lands and stanages.

January 24, 1808—Approved by the Board.

January 24, 1809—Authorized by the Board of Estimate and Apparticument.

July 18, 1809—Authorized by Manicipal Assembly.

Locember 27, 1809—Commissioner's report to Board of Estimate and Apportionment, calling for additional bond is see of \$500,000.

February 1, 1900—Authorized by Board of Estimate and Apportionment, November 7, 1900—Authorized by Board of Estimate and Apportionment, Calling for bond tone of \$500,000 in femeral board of Estimate and Apportionment, calling for bond tone of \$500,000 in femeral board of Estimate and Apportionment, calling for bond tone of \$500,000 in femeral board of Estimate and Apportionment, calling for bond tone of \$500,000 in femeral by Board of Estimate and Apportionment, Calling for bond tone of \$500,000 in femeral by Board of Estimate and Apportionment, Landary 18, 1900—Authorized by Board of Estimate and Apparticument.

January 29, 1901—Authorized by Municipal Assembly,

# Construction Work.

January 11, 1895—Commissioner's report to Board of Public Improvements, calling for limit and Secondari for completion of Byram reservoir and for completion of White Point reservoir, in the Croppy watershull

Outstar 19, 1898-Commissioner's reprisition on Board of Estimate and Apportonment for

October 31, 1898—8250,000 authorized by Board of Estimate and Apportionment. October 24, 1899—The same authorized by Manicipal Assembly.

Additional Pumping Engines for High Service Station at Washington Renage.

January 10, 1898-Commissioner's report to Board of Public Improvements, calling for bond issue of \$110,000.
October 5, 1898—Approved by the Board.
May 19, 1899—Resolution of approval corrected.
January 10, 1900—Authorized by Board of Estimate and Apportionment.
February 5, 1901—Authorized by Municipal Assembly.

# Cross River Reservoir-Croton Watershol.

December 28, 1900—Commissioner's requisition on Board of Estimate and Apportionment for bond issue—5300,000 for land, and 5980,000 for construction.

January 18, 1901—In meeting of Board; laid over, awaiting opinion of Corporation Counsel, as to limitation of bond issues for water supply purposes.

# THE BROWN.

New High Service Pumping Station at Jerome Avenue.

New High Service Pumping Station of Jerone Avanta.

December 15, 1898—Commissioner's report to Board of Public Improvements, asking for authority and bond issue, \$276,000.

December 15, 1898—Approved by the Board.
February 15, 1899—Authorized by Municipal Assembly, as to \$65,000 for pumping engines.
February 27, 1899—Authorized by Municipal Assembly and by Board of Estimate and Apportionment as to \$65,000 for pumping engines.

July 20, 1899—Authorized by Municipal Assembly and by Board of Estimate and Apportionment as to \$105,343 for foundations. Note—Foundations now completed.

November, 1899—The Board of Fishmate and Apportionment decided that applications for bond issues for improvements must come before, and be acted upon by that Board, and then submitted to the Municipal Assembly for concurrence. This necessitated re-adoption and approval by the Board of Public Improvements in matters not already finally disposed of. In accordance therewith the following action was taken concurring the new High Service Station at Jerome avenue:

December 21, 1899—Commissioner's requisition on Board of Estimate and Apportionment for \$103,000 for buildings; \$110,000 for pumping engines; \$50,000 for back and stand-pipe.

July 10, 1900—Authorized by Board of Estimate and Appartionment as to buildings, engines, tank and stand-pipe, \$203,000.

February 7, 1901—The foregoing authorized by the Municipal Assembly.

48-Inch Main from Aquedact through Mocholu Farksaty and Southern Boolevard to One Hundred and Scienty-third Street.

March 20, 1899—Commissioner's report to Board of Public Improvements, calling for bond issue of \$267,800.

March 20, 1899—Approved by the Board.

May 1, 1900—Authorized by Board of Estimate and Appertionment.

October 9, 1900—Authorized by Municipal Assembly.

December 12, 1900—Contract signed; work in progress.

48-luck Main from Aqueduct Westerly through Kingsbridge Section,

September 17, 1900-Commissioner's report to Board of Public Improvements for bond issue

September 17, 1905—Approved by the Board of Public Improvements for bond issue in 150,000.

September 1, 1905—Approved by the Board of Estimate and Apportuniment.

Still 1 colon to Municipal Assembly.

I may be permitted here to quarte from my annual report for 1800, dated and transmitted March 17, 1900, a calci auditure of the situation in the Borneyh of The Brons, showing the extreme surgency of prompt and effective measure to increase the supply.

"The consumption of water reached the limit of the present capacity of supply about three years are, and even then the pressure has the first stories of the home situated on high grounds, such as Fortham Heights, Wood-Burn Heights and University Heights. The increase in population and buildings in the partiture years has been enormous, far greater than in any other borough or section of the rity. The corresponding increase in the towneds upon the water surface produced the inevitable result of large and analy decrease in pressure in the distributing mains and in the elevation at which the water could be believed in the knowes. The houses on the high grounds were naturally the first is affer from the distribution of the section of water exercised the fully supply received at the Williamstrating Reservoir by section of water exercised the fully supply received at the Williamstrating Reservoir by section of water exercised the fully supply received at the Williamstrating Reservoir by section of allows the feet, with the result of a corresponding loss of pressure in the distribution mains, and less of elevation in the delivery of water in bases, analuming to two stories. At the glues of the year the houses on the high grounds could not be supplied above the leaves of Rumans and Appendication of the heavest of Fullic Works in the analysis of the Rumans and Rumans, and required for the bonolation of the form the Croon Appellact, with connection, to the distribution prior, and required for the bonolation of the proprior of the propriate. The request was a newed by this De

HEODELVN.

Pipe Conduit from Millinen to Sprang Creek.

January 13, Per — Reports of Commissioner and Deputy Commissioner to Board of Public Improvements, a Man, among other dynamics from the most Section for pipe conduit, factors 12, 21 and 25, 1868—Subject the most by the board and laid over.

March 5, 1868—Opinion of Corporation Counsel that Mr Vannee contract of August 7, 1866, for the steel pipe conduct is not valid in absence of corporation of the Computation of the Computation of the Computation of the Computation.

of Brownlyn.

The unber 39, 98 08—Commissioner's report to Board of Public Improvements, increasing nationals of cont and requisite bond have to \$1,010,000, in consequence of rise in price of well and

Tanance 11, 180;—Approved in the Board.

Tuno 21, 180;—Commissioner's report to Board of Public Improvements to fixed to thango to of a 180; the provement of the college of obtaining steel pipe and other across.

Inner 28, 1899 Approved by Board of Public Improvements.

Anyondor 29, 1899—Resolution of approval accounts in conformity with Mayor's veto of sertimance part and by the Manuelpal Assembly.

May 1, 1000—Bond losse of \$1,010,000 authorized by Board of Entonic and Apportuni

Obligation 3, 1900 - Authorized by ordinance of Municipal Assembly, approved by the Mayor, Severales 28, 1900 - Control signed, and work now rapidly progressing.

Additional Pamping Engines and Improvements for Milliam Stations

January 12 and March 33, 1898—Reports of Commissioner and Departy Commissioner to Broard of Public Improvements, calling for bond lane of Saco, and March 23, 1898—Laid over, March 24, 1899—From teacons is further report to Board of Public Improvements, calling

April 5, 1855 - Approved by the Board... July 10, 1900-275,000, for pumping engine authorized by Board of Formate and Apper-

Jamesty 18, 1961 - \$100,000, unfaorized by Board of Estimate and Apportionment, for smallouse, nothing mechanics, store home, edg.

All product to Alano pai Assembly,

Filters at Baixless and Springfield Ponds

May 24, 1809—Commissioner secretar to Board of Public Improvements, alling for board fesse at \$125,000. Lattlever in meeting of same date.

Inne 7, 1809—Approved by Board of Public Improvements.

Discusses 28, 1809—Authorized by ordinance of the Municipal Assembly, famous 9, 1900—Velead by the Mayor on account of irrepularity of procedure.

June 28, 1809—Letter from the Comptroller that balance in Discollyn Water Construction Found (about \$200,000) is applicable to this work.

October 4, 1900—First letting of courses; two bids received one rejection (See provious part of this report).

Pebruary 14, 1901—Second betting of courses; five bids received the lowest accounts.

Pehruary 14, 1901—Second letting of contract; five hids received; the lowest accepted; soretic upproved by the Comptroller, February 25, 1901.

Storag: Reservoirs at Musiapopus and East Mondon Creek.

December 27, 1900—Requisition on Board of Estimate and Apparticument for bond usue of \$1,200,000 for construction.

January 18, 1901—Authorized by the Board. Now punding in Municipal Assembly.

Lands Required for New Conduit and for Pumping Stations and Reservoirs. December 27, 1900 - Requisition on Board of Estimate and Appartionment for bond issue

January 18, 1901—Authorized by the Board. Non-pending in Municipal Assembly.

Improvements to Pumping Stations:

December 27, 1900-Requisition on Board of Estimate and Apportionment for bond issue of

January 18, 1901-Authorized by the Board. Now pending in Mani-ipal Assembly.

Forest Park Reservoir.

On advice of Corporation Counsel legislation is required to use part of the park for a reser-A proper bill is before the Legislature.

Flatbush Water-works Company-Acquisition by the City of Property and Plant. November 1, 1899—Commissioner's letter to Corporation Counsel, asking advice as to method of procedure for acquisition.

March 6, 1900—Commissioner's further letter to Corporation Counsel, asking for advice.

April 6, 1900—Commissioner's further tener to Comporation Counsel, asking for advice, April 6, 1900—Commissioner's letter to Beard of Estimate and Appertionment, asking for authorization of hond issue of \$750,000.

June 8, 1900—Commissioner's report to Board of Public Improvements, in favor of

July 16, 1900—Further report of the Commissioner to the Board, with schedule of property. July 25, 1900—Resolution of the Board, asking the Corporation Counsel to commence

ondermation proceedings.

November 14, 1900—Report of Commissioner to Board of Public Improvements, with copy of opinion of Corporation Counsel to Board of Estimate and Apportionment and opinion to the Commissioner of Water Supply.

November 14, 1900—Resolutions of Board of Public Improvements, approving acquisition, and calling for action by Board of Estimate and Apportionment and Municipal Assembly.

Millhurn Reservoir - Resoustruction.

March 22, 1898—Report of Commissioner and Deputy Commissioner to Board at Public Improvements, calling, among other items, for \$400,000 for this purpose.

May 1, 1900—Bond issue of \$500,000 authorized by Board of Estimate and Apportionment. Now pending in Municipal Assembly.

DUERNS.

Additional Water-mains and Wells-

February 14, 1898-Commissioner's report to Board of Public Improvements, calling for

Petraty 44, 1010 — Commissioner's report to Hoard of Funde Improvements, earning for bond issue of \$77,200 for this purpose. March 20, 1899—Commissioner's report renewed. June 20, 1900—Resolution of Board of Public Improvements, asking Board of Estimate and Apportionment to authorize hand issue. October 12, 1900—Issue of \$75,000 special revenue bonds authorized by Municipal Assembly. October 15, 1900—Authorized by Board of Estimate and Apportionment.

Improvements and Additions to Wells, Pumps, Buildings, Pumping Stations, etc. February 19, 1901-Bond issue of \$100,000 authorized by Board of Estimate and Appor-

Assistional Wells, etc., for Tollenville Pumping Stations

July 5, 1898-Commissioner's report to Board of Public Improvements, calling for bond

December 5, 1898—Approved by the Beard, April 5, 1900—Commissioner's requisition on Board of Estimate and Appurtisament for bond issue of \$10,000.

July 10, 1900—Bond issue of \$10,000, authorized by Board of Estimate and Apportionment. November 15, 1900—Authorized by Municipal Assembly, with approval of the Mayor.

GRAND JURY PRISENTMENTS.

The Grand Jury for the County of New York, of Nos craher, 1988, made two presentments to his Honor, the Recorder: one in reference to alleged impurities in the Croton water apply; the other in reference to alleged irregularities in the accounts, and incliniously of dishonessy of officers and clerks in the Bursau of Water Register for Manhattan and The Brions. These presentments were transmitted to you, and by you referred to me with lotters of Disconber 5, from the county of the county o

your Secretary.
I consider it appropriate to include the presentments, and my reports to you thorsen, in full in this report, as fellows :

How, William Dalton, Communioner of Water Supply, New York City

DEAR Six—I am directed by the Mayor to transmit in you for investigation and report in this office the location daily attested copy of a presentment made by the Grand Jury in relation to the Water supply of The City of New York, the same having been filed with the Clerk of the Court of General Sessions under date of November 30, 1900.

Very respectfully yours, (Signed) ALFKED M. DOWNES, Secretary to the Mayor.

I, Edward R. Carroll, Clerk at the Court of General Sessions of the Peace of the City and County of New York, held in and for the County of New York, do bereby corrily that the annexed is a copy of a presentment of the Grand Tury new on the in the Clerk's affice, and that the same has been compared by me with the original, and is a correct transcript therefrom and of

the same has been compared by the seal of the said Court this fourth day of December, in the year of our Lord one (bousend size hundred).

(Signed) EDWARD R. CARROLL.

Him. Joun W. Gorv, Micorder, Court of General Bessions t

Sir—In the discharge of its daty, the Grand Jury has felt it to be incombene upon it to give careful attention to the question of the water amply of the city, and to ascertain if possible the cause of the existing objectionable conditions, what came date remediate were available to correct them, and with a view to the future, what action about the taken to permanently scene a pure water supply.

The Grand Jury is fully alive to the weal importance of the water supply to the public, and therefore has given the matter a character of study and fully commensurate with its importance, and to this end summened the Commissioner of Water Supply, Hon. William Dalton, and the thier Engineer of the same Department, Mr. George W. Birdsall, for the purpose of clicing facts as to the physical conditions of their respective official spheres.

In addition, the Grand Jury was impressed with the importance of securing expert knowledge from the medical standpoint, and therefore requested and obtained the testimony of Dr. Charles F. Roberts. Sanitary Superintendent, Department of Health, and of Dr. George F. Shrady, the well-known specialist.

known specialist.

While in no way detracting from the importance of a pure water supply as a condition necessary to the public health, the Grand Jury was relieved by the preponderance of testimony in the effect that no immediate danger of typhoid fever existed or was numinent, although it was conceeded that a long continuance of an impreposited water supply would be liable to produce The conclusions reached by the Grand Jury after careful consideration of the subject thus fully

The conclusions reached by the Grand Jury after careful consideration of the subject thus fully before them, are that the only effective and permanent means by which a remedy can be applied to existing evils, and the only means to insure pure water, consists in the adoption of a system of filtration, commensurate in all asspects to the needs and wants of this great municipality.

Other cities have already recognised the importance of the filtration of their water supplies, and plants for this purpose are in a more or less advanced stage of installation in the cities of Washington, Atlanta, Philadelphia, Cincinnati, Philaderg, Lomistille and others.

Shall New York be behind other cities in adequate care for the health of its citizens?

In making this presentment the Grand Jury hereby arges the prompt consideration of this all-important matter upon the aftention of the proper numicipal authorities.

In recognition of the importance of the Grand Jury function, we carnestly arge our tellow-citizens to be unifying in their afforts and nurslending in their demands for a pure water supply until the desired end is attained.

JOHN F. FAURE, Foreman.

JOHN P. FAURE, Foreman.

JOHN R. VAN WORMER, Secretary,

DECEMBER 10, 1900.

Hon. ROBERT A. VAN WYCK, Mayor.

Dear Sig.—I have the honor to acknowledge receipt of the letter of the 5th instant, from your Secretary, transmitting to me for investigation and report by your direction, an attested ropy of a presentment made by the Grand Jury, in relation to the water supply of this City, and respectfully submit the following report:

The presentment deals with the quality of the water recently received from the Croton Watersbed. It mentions the fact that myself and the Chief Engineer of this Department were summoned before the Grand Jury for the purpose of giving information on the subject, and that it obtained the testimony of Dr. Charles F. Roberts, Sanitary Superintendent of the Department of Health, and of Dr. George F. Shrady thereon, and that the preponderance of testimony was to the effect that no immediate danger of typhoid fever existed or was imminent, though it was canceded that a long continuance of an impregnated water supply would be liable to produce these as. Its conclusions are that the only effective and permanent means by which a remedy can be supplied to existing evils and the only means to insure pure water, consists in the adoption of a system of filtration commensurate in all respects to the needs and wants of this great municipality, mentioning also measures undertaken to that end in the cities of Washington, Atlanta, Philadelphia, Cincinnati, Pittsburg, Louisville and others.

The subject thus presented is not a new one. It was under careful consideration in the years 1880 to 1883 by the Department of Public Works, which then had charge of the water supply, by the City Board of Health, and by experts and consulting engineers, resulting in the decision of building a new aqueduct large enough to carry all the water obtainable from the Cruton Watershed and the necessary storage reservoirs to equalize the obtainable supply under different meterological conditions. These investigations and considerations, which resulted in the creation of the Aqueduct Commission and the construction of the Croton Watersh

included quality as well as quantity of supply.

In the years 1800 to 1803 the question of quality of supply from the Croton Watershell was again the subject of special investigation by the State Board of Health and the City Board of Health, with the conclusion that the surest method of preserving the purity of the supply was to destroy all nursances in the watersheds tending to the pollution of the water, the acquisition of lands along the streams, lakes and reservoirs to prevent further nursances and pollution, and the enactment and enforcement of stringent rules and regulations of the State Board of Health.

In pursuance of these investigations and conclusions, the City has expended about five million dollars in the purchase of lands and the destruction of nursances. Notwithstanding the fact that will in the last few months the water received through the Croton Aquadoct has at times been disagreeable in taste, odor and appearance, there has as yet been no statement by any recognized scientific authority that it contained any ingredients dangerous or detrimental to health.

health.

With your letter of December 6, 1899, you transmitted to me for examination and report a report made to the Board of Health by Dr. Charles F. Roberts, Santtary Superintendent, in

which he recommended the adoption of measures to filter the entire sapply from the Croton Watershed, and in my reply to you of December 22, 1809, I referred briefly to the measures above mentioned and carried out by co-operation of the Department of Public Works, the Aqueduct Commissioners, the State Board of Health and the City Board of Health, already herein mentioned, and stated that the Chief Engineer of this Department estimated the cost of the installation of filtering plants for the entire supply at not less than fifteen million dollars, with large expenditure for maintenance thereafter.

I expressed my readiness to ercreise my official functions to carry out the wholesale filtration of the City's water supply if the City Found of Health would declare it necessary, and to that end I recommended that the report of the Sanitary Superintendent he referred back to that board for consideration and action.

I have not yet been advised of any further or canclusive action by that department or board

I have not yet been advised of any further or canclusive action by that department or board on the subject, and I now reading my resultness to exercise my unitial powers to the fullest extent to carry out any measures theened necessary by the Board of Health to insure wholesome water supply to the people of this City at whatever cost.

The sanitary conditions of the water supply from the Croton, Bronx and Byram river water-sheels differ in this respect from those of the water supplies of other cities where wholesale filtration has been deemed necessary and partially carried out, in that the supply is not pulleted are subject to pollution at its sources, and is only subject to harmless, though disagreeable, changes in color, taste and ador which are caused by exceptional conditions of rainfall and temperature.

Considering the subject in all its aspects, I deem it the part of official prudence and duty to refrain from involving the City in an initial expenditure of affice millions of dollars, or more, and subsequent large annual expenditure for the installation and maintenance of filtration plants to filter the entire water supply from these sources without a detoile expression from recognized and responsible scientific authority that it is no delt for the health and constant of the people of this City.

Very respectivity,

Very respectfully,

WILLIAM DALTON, Commissioner of Water Supply, (Signed)

DECEMBER 5, 1900.

Hon. WILLIAM DALTON, Commissioner of Water Supply :

DEAR SIR—I am directed by the Mayor to transmit to you, for investigation and report to this office, the inclosed duly attested copy of a presentment made by the Grand Jury, in relation to the office of Water Register in this borough, the same having men filed with the Clerk of the Court of General Sessions, under date in November 30, 1900.

Very respectfully,

(Signed) ALFRED M. DOWNES, Secretary to the Mayor,

I, Edward R. Carroll, Clerk of the Court of General Sessions of the Peace of The City and County of New York, held in and for the County of New York, do hereby certify that the annexed is a copy of a promotiment of the Grand Jury new on file in the Clerk's office, and that the same has been compared by me with the original, and is a correct transcript therefrom, and of the whole of such original.

Given made

Given under my band and attested by the scal of the said Court, this fourth day of December, in the year of our Lord one thousand nine hundred (Signed) UDWARD R. CARROLL,

To the Honorable Resedent

The attention of the Grand Jury has been formbly called to an apparent lack of proper and effective methods in the conduct of the business of the office of the Water Register of this

officetive methods in the conduct of the business of the office of the Water Register of this borough.

In many respects this is one of the most important bureaus of the municipal government, its operations leaving a direct and material hearing upon both the revenue and the economical use of the water supply. That adequate revenue and satisfactory administrative results are not now obtained a divious. It is equally clear that the introduction into the management of the affairs of the Water Register's office of the system, (foreverline a and competency, which would obtain under private or comported direction, would havere an improvement which would be universally nelcomed by citizens and taxpayers. The accounts of the office in question should be kept in such a way as to be easily understood; all persons using the water of the City should pay for it at a uniform price; all employees, from highest to howest, should be capable and honest and should be held in cigid accountability for the performance of duty. It is only reasonable to expect that he water revenues of a prowing City should show a yearly ratio of increase, which show not seem to have been the case of late.

So important and for reaching are the interests involved that it is the sense of the Grand Jury that a competent authority should specifity undertake a searching examination into the affairs of the Department of Water Supply with a view to the rectification of what appears to be a most unfortunate state of things.

JOHN P. FAURE, Foreman.

JOHN P. FAURE, Foreman.

JOHN R. VAN WORMER, Secretary. Hon. ROBERT A. VAN WYCE, Mayor:

DECEMBER 10, 1900.

Dear Sin I have the bonne to acknowledge receipt of the letter of the 5th inst., from your Secretary, transmitting to me by your direction for investigation and report, an attested copy of a presentment made by the Grand Jury, in relation to the office of Water Register for the boroughs of Manhattan and The Bronx, which presentment was filed with the Clerk of the Court of General Sessions, under date of November 30th of response to this request I present the following, taking up the criticisms or charges in the order in which they are made in the presentment.

presentment.

First—\*\* That adequate revenue and satisfactory administrative results are not now obtained is obvious. \*\*

First—"That adequate revenue and satisfactory administrative results are not now abtained is abvious."

I do not know from what knowledge or information the Grand Jury made this deduction. The looks and records of the Eureau of Water Register show that for the three years, 1895, 1896 and 1897, the revenue, including returns in arrears, which are lieus on property, amounted to \$12,522,507,32, and that for the iyears 1898 and 1899 and the year 1900 to November 30, it amounted to \$13,337,871.70, which is an increase of \$1,184,435.62, or nearly nine per rent, without counting the receipts for the month of December, 1900, or the returns of arrears for the year. If the receipts for December and the returns at arrears for the year 1900, estimated as the returns of preceding years, were added the increase of revenue for three years, beginning January 1, 1898, over the preceding three years, would be more than ten per cent, which is certainly greater than the increase in population for the same period, and I consider that the percentage of increase in population should be taken as approximately a correct estimate or judgment of what should be the increase of revenue from the water service. The conclusion "that adequate revenue and satisfactory administrative results are not now obtained" must, therefore, be drawn at random or from fallacious premises.

Second—"If it equally clear that the introduction into the annagement of the affairs of the Water Register's office of the system, thoroughness and competency which would be universally well-comed by citizens and taxpayers."

In respect to this vague charge, I make a general denial that there is any lack of system, thoroughness and competency, and must reserve specific answers unless specific complaints or charges are presented. I must say, however, that persons passing judgment upon the conduct of a hureau like that of the Water Register, should always bear in mind that the system and personnel are regulated by special laws, which must be strictly obeyed by the head of a

The accounts of the office or bureau can easily be understood by any person of proper capacity who will devote the necessary time and labor for examination. The Commissioners of Accounts have under your direction made a complete and minute investigation of the accounts of the bureau for the fiscal year ended April 30, 1899. In their report to you, dated April

Accounts have under your direction made a complete and minute investigation of the secounts of the bureau for the fiscal year ended April 30, 1890. In their report to you, dated April 18, 1900, of which you transmitted to me a copy, they made certain recommendations for improvement in the system which had been handed down from preceding administrations, covering twenty-five years or more, and these recommendations have been scrupalously carried out.

Fourth—"All persons using the water of the City should pay for it at a uniform price."

The implied charge that any person or persons are favored in respect to the rate or charge for water supply over others should not be made without specific statements or allegations. This Department and the Bureau of Water Register make no difference in this respect in favor or against any person, being governed by a uniform scale of charges from which there is no variation. Under the present City Charter the scale of charges is enacted by ordinance of the Municipal Assembly, on the recommendation of the Board of Public Improvements, and no option or latitude is left either to the Commissioner of Water Supply, the Water Register, or any official of the Boreau of Water Register.

Fifth—"All employees, from highest to lowest, should be capable and honest, and should be held to rigid accountability for the performance of duty."

The Civil Service laws and regulations control the subject of capability of officers and employees in the municipal service. I believe that the officials and employees of the Bureau of Water Register will hear comparison as to capability with any equal number of officials or employees in any other public or private concern t and us to the question of honesty, I have to say that under the system in force dishanesty could not be practiced without speedy discovery, and that it would not be tolerated for a moment when discovered.

Sixth-"It is only reasonable to expect that the water revenues of a growing city should

show a yearly ratio of increase, which does not seem to have been the case of rate."

The records and reports of the Department show that there has been a yearly ratio of increase in the water revenue at about the same percentage which has obtained for many years.

past.

Seventh—"It is the sense of the Grand Jury that a competent authority should speedily undertake a warehing examination into the affairs of the Department of Water Supply, with a view to the rectification of what appears to be a most unfortunate state of things."

I have never feared and have never had reason to fear investigation by competent authority, into the affairs of this Department, and I court such investigation, in order to make and return, and as far as possible, to silence imputations and charges made by treesponsible parties on more segmention or actual misconvergentations.

assumption of actual misrepresentations.

Very respectfully,

(Signed) WILLIAM DALTON, Commissioner of Water Supply.

REVENUE FROM THE WATER SERVICE WIR 1900. BOROUGHS OF MANUATYAN AND THE SKONA

BOKOUGHE OF MANHATTAN AND THE SKUNA.	
Moneys collected and pain into the City Treasury— Regular and extra water rents.  Penalties on water rents.  Water supplied through meters  Water supplied to shipping.  Water supplied for building purposes.  Water supplied for street sprinkling.  Water supplied for miscellaneous purpose.  Permits to tap water-mains.	15,497 %0 2,321,121 to 127,555 %3 43,246 fid 28,000 to 2,349 90 10,881 oo
Total collections	84.418,085 88 902,842 09
Total revenue for 1000	54,080,027 07
Comparisons with this and (89).	
Total collections, 1898.	51,418,685 88 4,647,655 57
Increase, 1900 over 1898	5377,030 31
Total revenue, including arrears, 1908.	\$4,980,927 97 4459,494 17
Increase, 1900 over 1898	5521,523 80
Total collections, 1809.	\$4,418,085 88 4,194,433 47
Increase, 1900 over 1899	\$225,032 br
Total revenue, including arrears, 1900. Total revenue, including arrears, 1899.	54.980.027 97 4.933.589 44
Increase, 1900 over 1899	5347;338 53
BOROUGH OF BROCKLYN.	
Regular and extra water rents.  Water supplied through motors  Penalties on water rents.  Water supplied for building purposes.  Miscellaneous collections.  Collections of arrears.  Permits to tap water-mains.	306,320,58 27,578 70 15,343 Ufi 3,974 51
Total receipts  Revenue collected in 1899	Sauna 868 on
Increase, 1900 over 1899	\$41,314 IX
Revenue collected in 1900	\$2,093,868 mi 1,928,581 83
Increase, 1900 over 1898	\$165,286 17
BORDUGH OF QUEENS.	
Moneys collected and paid into the City Treasury-	
Regular and extra water rents.  Penalties on water tents.  Permits to tap water mains.	\$78.390 80 204 21 1,322 00
Total collections  Returned in arrests—lieus on property	570,916 01 4"1753 78
Total revenue for 1900.	
Decrease from revenue for t899,	543,553 58
Increase over revenue for 1898	\$14,978 82
The decrease of revenue for 1900 from that for 1899 is due to the lower rai scale of water rents since May 1, 1900.	tes in the new
HOROUGH OF RICHMOND.	
Moneys collected and paid into the City Treasury— Regular water rents	\$2,367 fo
Increase over 1899	\$698 30

\$345,797 43 \$723,743 06

Increase over 1898

Increase over 1898

Increase over 1899

Under section 47.3 of the Greater New York Charter, the Municipal Assembly, on the recommendation of the Board of Public Improvements, passed an ordinance, approved April 10, 1900, establishing a new and uniform scale of water rents for all the boroughs, which came into effect May 1, 1900, the beginning of the present fiscal year, as to water charges. Under advice from the Corporation Counsel, the differential water rates which existed in the several boroughs at the time of consolidation, January 1, 1898, had to remain in force until May 1, 1900.

The subject was brought before the Board of Public Improvements by a report from this office, dated September 23, 1898, and amended by further report of November 1, 1898. It was discussed at subsequent meetings of the Board in 1898, 1800 and 1900. At the meeting on December 20, 1899, it was referred for report to a committee of three; the President of the Board, the Comptroller and the Commissioner of Water Supply. At the meeting of January 17, 1900, the President and the Comptroller presented a majority report, embodying a uniform scale on the basis of the charges then in force in the boroughs of Manhattan and The Broox, and the Borough of Brooklyn, respectively, including the higher Brooklyn frontage rates, and the higher old New York rates for water-closets and other extras.

At the meeting of January 30, 1900, I presented the following minority report :

JANUARY 30, 1900.

To the Board of Public Improvements :

As your moving on December 20 milions, the subject of a new and uniform scale of water

At your months on December 20 mission, the subject of a new and uniform scale of water rants is all the homogles of the Crisy was referred to a committee, consisting of the President of the Rund, the Comparelles and the Comparelles and the Comparelles. At the meaning on the 17th instant, the President, on behalf of himself and the Comparelles, presented a new sole for your consideration and approval.

As a monotor of the resimilate and as head of the Department which will be charged with the duty of whole output the new scale of water charges and enforcing it on the people of the City, I have to present my objections to several features in the scale presented by the other two mandates of the committee.

Paral—I are opposed to any increase in the frontage rate and the boroaghs of Manhattan and The Brons by adopting the Brooklyn frontage rate, and adding from one to four dollars to the present old New York rate for about 50 per cent, of the bosses. The Brooklyn rate would add \$2 to the present account charge on every tenement-bosse in Manhattan and The Brook, the very class of proporty while I is less table to hear increased charges.

I note of a catending the higher Brooklyn rate to Manhattan and The Brook, I am in favor a coulding the lower of I New York rate to Hanklyn and the other boroaghs.

The rate of apprehension that this would impair the Brooklyn water revenue in the apprehension. The estimated annual loss of a stropcool in frontage rate is offer by the estimated annual value of a 19,000 from the meter-rate of 10 cents, Instead of 2½ cents per 400 cubic feet, and the proposal charges for extra families and for water applied to deam tags and other shipping. From the folder revenue unimpaired.

Some I no opposed the object water. I am family in favor of the present uniform charge of \$2 for all other classes of the other to the proposed in the local provided with measuring tanks or other devices to the other than the local water. I am family in favor of the present uniform charge of \$2 for all other than the local water. I am family in favor of the present uniform charge of \$2 per closet in every case.

where-Lie 1 to the charge of \$5 her closels which are not provided with measuring links of other decreased than the use of water. I am firmly in favor of the present satisfain charge of \$2 per close to have years.

The proposed additional charge of \$1 would again tall almost entirely on tenement-houses. The number are may year past been paid. The increase to 55 we also noted the number of \$2 heavy, and has for many years been paid. The increase to 55 we also noted to no across increase of \$2 per each of these five-stay tenements. Or the many for noted at along tenements which have three to four limitles and the same number of with chart on only from the additional charge would be from \$50 to \$50 per house.

The adviant alignet of this five-dellar rate is in check when of water by forcing the adoption and appared of the devices for limiting the use of water in all closers. I believe that so bursh a measure is many and watabled for. It does not follow that water is wasted in every closer which at the other devices or checks. While I am in favor of any reasonable measure to stop a more not only waste of water where there is ordered of its extence, I am also in favor of the fitting and chearing closes and urmais, and I am enaphatically opposed to the international application of the exorbitant five-dollar rate per closet, regardless of the adviance of particles of the internation application of the exorbitant five-dollar rate per closet, regardless of the adviance of particles in the rate and cross solutions and restricts the planting of water many the rate of water surfaces. Section 475 of the City Charrer authorizes the planting of water many to a longer where water is used for business consumption, and at the does not not of the rate of a many of the committee proposes to extend the committee to of a force of water surfaces of the committee proposes to extend the committee of the body of part of a many of the committee proposes to extend the committee of the body of particles and the surfaces.

The sale pri order to a bottom in the following paragraphs:

When the whole or pare of a toulding is occupied for business purposes the whole supply shall be married to obtained by pumping from wells as by parchase from other parties, all buildings shall be married or me rate of to cotto per proceeding level.

Whose works are rate to to cotto per proceeding level.

Whose works are rate to to cotto per proceeding level.

Whose works are rate to to cotto per proceeding level.

The lower will be placed on all lineages where there is an extrance of water; where regalred to escent in the account used, and whose waste of water is found, and they will be charged at rates first for all the water parolate them?

The languages of these greaterable assumes to alreagnet the discretionary power vested by the Charter on to to countsioner of Water Supply, and to alreagnet the limitations placed by the Charter on the Countsioner of Water Supply, and to alreagnet the limitations placed by the Charter on the Countsioner of Water Supply, and to alreagnet the limitations placed by the Charter on the alwaling parties of usagely by the theorem to which an income than on the alwaling parties of usagely only to the instincts profit on a the lower water and account that are the alwaling parties of usagely only to the instincts profit on at the lower water to the alwaling parties of usagely only to the instincts profit on the lower water of a bouse, with frontage charge on the whole house is appropriate on order whose water than the meter rate which the formation 47% of the Charter which parallel is any whole that the meter rate which virtually problem 47% of the Charter which parallel any whole the parallel with each other, but the remedy lost this, by an about any whole the parallel with each other, but the remedy lost this, by an about the approximation of the containing of the containing parties of the containing parties of the containing parties from the Charter on the compalisor from the Charter is the containing parties and the c

Brows To not objection or arguments against this scale, which may be advanced on the ground that the higher charges provided in the scale presented by the offer two members of the committee are necessary as a measure of municipal homes, to reduce or make good a deficit in the delat and small second or the City's water service. I have to say that I do not believe that there is a denote or that there will be one make the scale which I recommend. There is substantial ground for the second or that the water systems and service of the City, as a whole, are self-sustaining, note as to coll of maintenance and interest charges on the outstanding water debt, with a sufficient surplus for the scaling foud for the redemption of the debt.

Very respectfully,

(Signed) WILLIAM DALTON, Commissioner of Water Supply.

As Chairs and establishing a scale of water rents for The City of New York, in pursuance of section 473 of the Greater New York Charter.

The Ordained by the Municipal Assembly of The City of New York, as follows:

That the minimum annual rents and the apecial charges to be collected by the Department of Water Supply shall be as follows, to unit:

PROSE WIDTH,	s Stone.	o Brimini.	1 Sinking	4 Symme	s Symmetry.
IA live and timber to the contract of the contract of	±( w	\$5 (m)	RE-mu	11-	18 00
for to days	1 16	11.00	9 00	8 00	9 10
18 fired his his and a state of the state of	A 100	210	8 1/4	9 00	20 05
mwakiwa umumumumumum	7.70	10.yes	0 00	10.00	11 10
60) to 48 hrs	0.00m	9 000	10 00	12 co.	11 00
is to be feel	30.00	41.00	72.10	17 cm	11 66
in to at \$6 their	19.50	15 00	44 10	11 00	+6-x=
19 M 16 15 HS1	200	1000	10.00	17 100	18 00.

The apportionment of the regular framego rates upon dwelling houses is on the basis that lim one family is inoccupy the same, and for each additional family \$1 per year shall be charged. Building purposes—to come per 1,000 brick. All missoary at the same rate, 500 brick being equal to one value yard.

Meler Rates.

Water meters shall be placed, at the discretion of the Commissioner of Water Sapply, upon all stores, workshops, hotels, manufactories, office buildings, public edifices, on whatves, ferry-houses, and in all places where water is furnished for business consumption, except private dwellings, the charge for water measured by meter to be 10 cents per 100 cmbic feet.

All charges not herein mentioned or itself are reserved for special contract by and with the Commissioner of Water Supply."

With the exception of slight modifications in the charges to the business and water-supply boats, the scale presented with this report was, on roll-call, approved by the following aye and my vote of the Board of Public Improvements, and recommended to the Municipal Assembly for adoption - Aye—Commissioner of Water Supply, Commissioner of Highways, Commissioner at Sewers, Commissioner of Public Buildings, Lighting and Supplies, Nay—Comprioder, Commissioner of Public Board.

#### SUMMARY OF EXPROPERED FOR 1900.

On account of appropriations, Tax Levy of spec- Boroughs of Manhattan and The Brons :		
Vouchers drawn,	\$709,71€ gii ≥35,050 qii	
Barough of Brooklyn :		51,004,707 36
Vouchers drawn.	5131,137.53	
Liabilities.	\$1315357 53 \$,330 82	377 444 444
Borough of Oncens r		1,59,688-35
Vouchers drawn	\$104,562 oz	
Liabilities	48,98, 01	
Borough of Richmond 1		193,546 83
Vondors drawn,	\$25,505 50	
Liabilities	15,775 97	
		41,371 86
	-	
Total on account al appropriations for 1500		\$4,379,404 40
On account of Water Revenue Fund-Housilyn-		
Water Supply, Maintenance and Repairs	\$778,332 kg 220,089 70	
Total on Water Revenue I and,		\$995.641.85
On account of Bond Issues-Continuous Accounts-		
Boroughs of Manhattan and The Works		
Additional Water Fund	4285,085 55	
Croinn Water Fund	03,540 46	
Additional Water Fund Crosen Water Fund Fire-hydrant Fund Water-main Funds, No. 2 ann	1,040 00	
Water-main Pands, Nov. 2 and 3	65,538 =4	5013,213.55
Borough of Brooklyn (		56,76-7-7-70
Water Construction I and	5128,320.02	
Water-main Fund,	85,911 58	
Baraugh of Queens :		5212,238 60
Sand-pipe Fund—Fluiding College Point Water Works Fund	52,073 00	
College Point Water Works Food	3 (300) 34	
Special Revenue Butter for Water Mains	175404 101	\$21,940 34
W. W	-	
Total for all boroughs on fond beause,	[][]	#647,398 49
BIG AVITUT ETION.		
Being total expenditures for 1900, and alling Habita or an appro-	milation second	nus.
Boroughs of Machattan and The thomas		\$1-417-000-01
Borough of Brooklyn	STREET, SQUARE	1.348,608 qu
Borough of Queens,		215.403 17
Turough of Richmund		41,371 86
Total for all Itomoghu.		13,022,484 34

# NECESSITY FOR NEW SOURCES OF SCIPLY.

Total liabilities paid off......

VOCCIORS DEAWN IN PAYMEST IN TAXABLETIC DIS APPROPRIATIONS IN PREVIOUS VILLE.

514,883 7.3 19,791 00 40,300 40

#5#5 00 17,230 44

\$28 50 767 50

\$74,381 19

\$17,761 44

\$241 36

\$795 00

Liabilities of 1897..... Liabilities of 1898....

Liabilities of 1899....

Liabilities of 1898. Liabilities of 1899.

Befough of Richmond Liabilities of 1898.
Liabilities of 1899.

ough of Queens : Liabilities of 1898. Liabilities of 1899.

Boroughs of Manhattan and The Brows:

Necessity on New Sources of Science.

If at the present day all the works and improvements commerciated in a preceding part of this report for which the Department has in the past three years asked authority and appropriations were accomplished, we should not rest supply in the secarity of laying for the present, and some time after, met all deficiencies and liberally supplied all demands on the water service. The necessity of diligent action to secure large additions to our water supply from new, reliable and abundant sources has repeatedly been arged in regular and special reports of this Department. Within the past year it has been freely admitted in the reports of civil engineers who have been employed by others in special and extensive investigations of the subject, presumably in consequence of lack of confidence in the ability or sincerity of this Department to properly deal with the problem through its own engineers, and probably with the expectation of finding substantial ground to discredit its statements as to present and future conditions and necessities and its appeals for authority and funds to place the public water supply on a safe and substantial basis. The recent and present acute crisis in the water service of the boroughs of Brooklyn and The Bronx has given additional amphasis, and has in a most direct and disagreeable manner brough hundreds of thousands of our people to a realization of the necessity of prompt and liberal action on the part of the City Government in this direction. I trust and believe that it has also, in the minds of the people, vindicated the Department in taking and asserting the position that the public water supply transcends every other subject and object of municipal government in importance and in immediate effect on svery lumnan being of whatever condition of line, and that it should, therefore, have precedence in municipal minist and apportionment of funds for maintenance and improvement.

We must always bear in mad the reset length of time which must queessafily e

that it should, therefore, have precedence in municipal addars and apportionment of funds for maintenance and improvement.

We must always hear in mind the great length of time which must necessarily clapse under our present laws and system of government between the initial steps and the final accomplishment of such large undertakings and works as are indispensable to the maintenance and preservation of an adequate water supply for three and a half millions of people. The initial action of the Department in recommending improvements and calling for appropriations must be followed successively by concurrent action of the Board of Public Improvements, the Board of Estimate and Apportionment and the two branches of the Municipal Assembly before one dollar of expenditure or liability can be incurred for any given object. Then follow in succession the making of surveys for necessary lands and water rights, the preparation and approval of general maps; the preparation and filing of correct detail maps and descriptions of every parcel of land and every easement to be acquired, the appointment by the Supreme Court, on application through the Corporation Counsel, of Commissioners of Appraisal;

the preparation by the Department, and approval by the Boards above mentioned and the Municipal Assembly, of plans, estimates, contracts and specifications for the construction of dams, reservoirs, conduits and appartenances; the approval of the forms of contracts and specifications by the Corporation Counsel; the advertising and public letting of the contracts; the approval of contractors' survives by the Comprisher; the execution of the contracts by the parties thereto; and, finally, the actual prosecution and completion of the works by the contractors. For works of the character and magnitude of those required for the water service of Greater New York five years is the minimum of time consumed from the initial steps to actual completion. There is immediate need of an increase of 230,000,000 gallons to the daily supply, as quickly as it can be secured, and within the next seven years the increase of supply should be 500,000,000 gallons. The selection of new sources and plans for new works should, therefore, be made on a scale to admit of gradual development and expansion, and the ultimate result of adding 500,000,000 gallons per day to our present water supply.

The Chief Engineer of the Department estimates the necessary expenditure from bund issues for this purpose at \$10,000,000 per year for seven years, making a total of \$70,000,000, of which \$5,000,000 should at once be made available.

As soon as the concurrence of the Municipal Assembly in the bund to one of \$100,000 authorized by the Board of Estimate and Apportionment for surveys he new moress of supply to obtained, engineering parties will be organized and assigned to that work.

Further details of the transactions of the Department for 1922 will be found in the following documents, berief appended:

documents, hereto appended;

"A"—Statement of appropriations, funds and expenditures.

"B"—Report of the Unior Engineer.

"C"—Report of the Water Registers for Manhatian and The Books.

Very respectfully, WILLIAM DALTON, Commissioner of Water Supply.

#### DOCUMENT "A."

Statement Showing Titles of Appropriations, Borough, Regulations during 1900 on Appropriations of 1890, Appropriations and Teamsfers of 1900, Regulations during 1900, Linkshites, and Bahanise on December 31, 1900, also Titles of Trust and Special Seconds, Regulations during the Very, and Linkshitter.

Tota of Advantalization	Вогопаля,	REQUISITIONS IN 1900 OF AIRCRAFTONS OF 1899.	APPROPRIATIONS WITH TRANSPERS,	Видоприна, купо	Lignituse	December 26 re-
Aqueduct—Repairs and Maintenance	Mannattan and The Broux	\$27,142 ifi	# a7 6,530 00	1240.597 52	\$3/31 AV	60.65
Aqueduct - Repairs and Maintmoner - Salaries	H 401		32,801.00	\$1900.35	1111111111	77 AV.
Bronx River Works-Maintenance and Repairs	8 101	4,571 87	39/02 00	31/54F (/3	-94410 100	18 10
Broax River Works-Malignenium and Regulas-Schools	- 100	200000	5/(p) cs	1/Jun va	************	
Contingents as - Department of Winter Supply.	0	9,000 XL	5,000.00	\$43.00 No	1,663,400	15
For Additional Fire Hydrants		000) 6033.95	ngyben m	al, the pr	7619-97	
Laying Criston Pipera		000 100,022 16	philipping po	alkana pr	148 may 100	346.04
Laying Como Pipm-Salaries	IP. 100	00 10(7)	1.0,500 00	2500,00	Tagh en	zani)n
Public Drinking Hydrants	17 2444	137.47	roken yar	164.10	171.47	70.10
Rental of Fire Hydrauts	0	- iganjai	19,660	101010	19,600,60	000
Repairing and Renewal of Piper, Supercitie, sec-	W some	-i- 96,118 rg	480,450 00	104-040-40	45-000-02	31
Salaries-General Administration.			19,000 000	Mary ye	1000000	- 29
Selaries - Central Utilica	F	88 vs	22,680 mm	#63g-10	30.48	100 40
Salaries-Barross of Chief Bresterie	0		\$70\$ \$0.00	11011-31	4.100	17:10
Solaries-Burgan of Water Register.	0	395 96	yayoon to	anday ha	4)0	(,736
Water Supply for the Towner-South West.	0 (11)	811.96	infalm no	36439-01	876.88	854 M
Sileries-Office of Deputy Commissioner	**************************************	(11)	1317101 100	74-10 <sup>-1</sup> .71		63M-34
Salaries - Office of Chief Engineer	The second second	and the second second	7,451 41	79107-34		
Salarita-Office of Water Figures		(1) Yes Mr.	B1,075 10	75,000 00		3400.31
Salarire-Laloratory		ori omore	Acpres on	William Di	-110111111	(Market
Contingentiel		3/89/10	0,000.50	25(21) 74	Hyp. No.	the in
Restats of Fore Hydrants	···	15/86 95	[0,688.18]	199,500 00	24200-00-	
Salaries-Office of Deputy Commissions	Docum 0 1020-0000	uni unidon	15/120 00	15761.15	1.1	-17
Salaries-Pumping Stations		16 16	4440.00	44,439,71	1.0000	92.01
Maintenaure and Repairs of Water Pipes, etc.	H	z/gz 19	-01600 m	orgit ==	Light yo	FT M
Pumping Stations - Fool and -upplies	# minuspersonene	11,191 41	91,410.00	8.611 00	1698 m	-0.
Rentals of Fire Hydranin	· approximation	19,611.00	(Show the	10461.70	91,700 00	(gT)=
Supplying Water to Long Island City.	* paramountable	HINES W	71.173 00	14,610 7f	5584.75	
Contingencies.	" nonninnimierin	618 24	1,816 10	yny on	1437 86	110 94
Salaries—Office of Deputy Cotomississis	Richment		1,700 67	Spage off		513 10
Panging Stations-Salaries and Sapplies.	*	VI3 IV	6,750.00	Ajam ya	544 87	58 Em
Contingencies	** ************************************	41 · 60	100.00	962 19	13X M	No of
Rentals of Fire Hydrants	The consequence	19,792 71	30,634 50	source ye.	- Cypner All	2/71(1)
Totaliano	THE - KIND OF BUILDING AND ADDRESS OF STREET	\$326,674 31	Blassions 12	\$1.171.035 30	# y B 17 20	\$0 Grey 77

Nove.—Regulations were drawn luring the year in payment of Habilities of the and range and Relative Repairs and Maintenance, 17.8, \$4, \$2.55. Of the Habilities of the Habilities of the Habilities of the Regular Repairs and Renewal of Pipe, 1808, \$4, 27.33; States—Water Regular, 1878, \$225; Pumping Stations—Fuel and Supplies, 1808, \$4, \$2.55. Of the Habilities of the Hab

Titles of Tauers and Seucial Accounts.	Bosnugus	Resources the Pear.	LIABILITIES, ENTIMATED.	Terles of Tause and Southal Account	Esperanti.	Partie The Village	LEADING TO STATE OF
Additional Water Fund	Manhatran and The Brone.	£285,085 55	1000000	Water Supply - Maintenance and Repairs - Materials (	Brokles	I no fity 30	Audino es
Croton Water Fund	100	\$3,540.95	8054,819 50	Water Supply-Distribution and Repairs-Salaries [	# 1010101171717777	(145mm)a	
Fire Hydraut Fund	-79	1,049 66	1000000	und Wages. Water Supply - Distribution and Repairs - Marcrials and Supplies.	H 14141101 211017	31-291-77	\$9970 Pd
Water main Fund, No. a	-	15.444 57	11400 00	Stand Pipe Fun , Flushing	Queens	2011	
Water-main Fund, No.3		48,093 52	t19,46x ga	College Point Water Works Fund		51% H	101111111
Water-main Fund, Bornugh of Brooklyn	Brooklyn	81,712 58	19,087 17	Revenue Bond Fund for Laying Water-mains, Queens	*** **** ******************************	13/4/54 ==	16399 No
Water Construction against the second	*	116,326 02	890,457 05				-
Water Supply—Maintenance and Repairs - Salanes   and Wages	*	467,934 55	1111111111	Totals	10	\$15(\$15545 P.E.	\$1/37012 0

DOCUMENT "B."

DEPARTMENT OF WATER SUPPLY—OFFICE OF CHIEF ENGINEER, NOS. 13 TO 21 PARK ROW, NEW YORK, January 15, 1901.

WILLIAM DALTON, Esq., Commusioner of Water Supply:

DEAR SIR—With this please find a statement of the operations of this Bureau for the quarter ending December 31, 1900, and a summary for the year 1900.

SUMMARY OF EXPENDITURES FOR THE QUARTER ENDING DECEMBER 31,	1900.
Additional Fire Hydrants	\$7,505 82
Additional Water Engl	237,848 01
Aqueduct Repairs and Maintenance; Aqueduct Repairs and Maintenance—Salaries	73,266 58
Aqueduct Repairs and Maintenance—Salaries	8,058 20
Ironx River Works, Maintenance and Renairs	14,973 24
Bronx River Works, Maintenance and Repairs-Salarus	975 00
Bureau of Chief Engineer-Salaries.	4,364 64
Smringencies	900 fil
Proton Water Fund	10,444 25
aying Croton Pipes	23,246 71
aying Croton Pipes-Salaries	4,803 21
White Drinking Hydrants	430 50
Repairing and Renewal of Pipes, etc.	69,606 64
Repairing and Renewal of Pipes, etc. Vater Supply for the Twenty-fourth Ward	2,725 43
Vater Main Fund No. 2	477 69 35,807 09
Valer Main Fund No. 2	35,807 00
Rental of Fire Hydrants-Queens	12,380 DC
Rental of Fire Hydrants-Richmond.	6,030 00

Total \$514,040 65

many processing 311 systems are all the systems and the systems are all the systems ar	
SUMMARY OF EXPENDITURES FOR THE VILLE PRO-	
Additional Fire Hydrauts  Additional Water Fund  Aquelluct Repairs and Maintenance  Aqueduct Repairs and Maintenance—Salaries  Brunx River Works, Maintenance and Repairs  Bronx River Works, Maintenance and Repairs  Bronx River Works, Maintenance and Repairs	\$23,762.73 241,100.90 273,833.00 33,020.76 37,183.12 4,000.00
Bureau of Chief Engineer-Salaries.	170101 37
Contingencies	2,737 (0)
Croton Water Fund	55,505 40
Kies Hadeant Fand	1,040 00
Judgment Fund. Laying Croton Pipes	1,611 50
Lauren Croton Pines	241,143 40
Laying Croton Pipes—Salaries.  Public Drinking Hydrants.	19,083 40
Laying Circuit i per-calante	662 24
	270/474 59
Water Main Fund No. 2. Water Main Fund No. 3.	11,349 18
Water Supply for the 1 wenty-courts wast	15:444 52
Water Main Fland No. 2	58,920 52
Rental of Fire Hydrants—Queens.	40,713 00
Rental of Pire Hydranis—Quems.	39,570 67
Rental of Fire Hydrants-Richmond	29/210 01
Total.,	\$1,396,929 07

Contracts Made, Completed and Unfounded during the Year 1900.

LACATION OF WORK.	CONTRACTOR.	DATE OF CONTRACT:	Estimaten Cost:	TJAVE OF FINAL ESCIMATE.	AMOUNT IN FINAL ESTIMATE,	AMOUNT PAIN 1000.
Improvement of White Productions	Twiname & Pilmer	Dec. 8, 1897	\$48,837.50	Sept. 1, 1901	651,704 6g	\$9,964 50
Formisting and laying mains, Fort George avenue	M. Lipps	Feb: r, 1898	20,715.00	July to a	accent 40	14,875 27
Formishing and Living mains across Harlem river, control contr	P. Frillian	Sirph at "	1,000 00	Jane 1857 "	ng 485 50	19,348 83
Paralishing, etc., boilers, Ninety-reseath street	Evans, Almirall Company	Dec. ex. "	U <sub>1</sub> 333 00	Fab. 28, **	11,331 00	4:703 16
Laying mains, F-ox Weshington assume	Heary Lippu, Jr	Felt. 28, 1800	25,0pt 20	Inc. 8, "	SE MACHE	1/762 76
Frenishing tapping cocks, esc.	A. P. Smith Manufacturing Comming	Apr. 5 a	2,000.02	Apr. 14, "	2,640-40	988 40
Furnishing and adjusting double-queile hydranes	Kennelly Value Manufacturing Company	9 16 11	7/1/5 10	Path, 4, 2	9,410,000	11769 13
Frimishing imperials, sic	Fox & Engel	W 49. W	6,400 30	May ag. "	0,110 91	3/485 18
Repairs to Aquedout, Sing Sing, etc.	Frawley & Roomey	Atoy is m	thist pt			110000aa
Formeling stop-melec sign.	Kennelly Valve Manufacturing Company	to 194 to	1,00) 60	Apply at \$100	9,984.50	2,684 ***
Furnishing _at lean water-place, estations.	Warren Foundry and Machine Company	0 49, 00	15414 01	Mary day. or	34,040.00	8,049.95
Furtishing cold	Theo, F, Tone,	· G ago, 10	gz/r/o-co	Valida	32,000/81	1000130
Farmithing and laying main. Longwood avenue	Henry Lipps, Jt.	Oor, 11, 21	Nation.	Septy18, 10	46,100.00	38,618.61
Building tomalatinos, High Service Works	A. C. Gildersloosve.	11 mby 111	21459 VT	*********		49.994 0
Furnishing and laying mains, Equireord, electric descriptions		Lame Language	110001-0		X 80 5 ( 80 mm 8	Ragon w
Tomisbine and from materialized, etc	The state of the s	00 ap 00	10 170 40	1010333333111	222	24,283 34
Family no and delivering coal, an		Delicina in	gyr Bourns		*********	28,827 st
Laying a tan in Brook avenue, est.		May 24 "	He grayin	Awards rom	BUTSL 74	29,244.11
Farmation and delivering tast-from water-pipes, etc.		35,	41(48) 70		0.000000	*********
Furnithmy and tellivering double-noisile byterants.	A STATE OF THE STA	10 apr 10	0727 00	- FRE 1 15-1		Lane de
Furnishing topping partie, etc		James 11, 22	3,000.00	Constant of		7.161 45
Famishin: Hoperska.pic.		D mg 10	1940.00			Trans of
Fugnishing stypeucks, etc	Marco Co. Marco Co.		19,6si so		1111111111	********
Turnoshing and laying mains, Mosimio parkway		Tour 12, 10	100 FEB 14	1841414111111	teletricite)	******

#### STORAGE RESIDEVITES.

The Uropen river has furnished a full supply to the Aqueduct for 13 days during the quarter.

### Storage Drawn during Quarter.

Wast Branch Resurvior	570,000,000 3,650,000,000 5,200,000,000 2,130,000,000 1,180,000,000	

# 

#### Storage Driven during 1900.

LAGI LOUIS.
3,400,000,000
0.000,000,000
13,000,000,000
4,800,000,000
3,400,000,000
35,300,000,000

Sorrows are to-lag made for a storage reservoir on the Bronx river, a conduit from same to Borough of The Bronx and for the improvement of the Channel Way of the East Branch of the Crotton river.

# RAINPALL.

	INCRES.							
	October	November.	December.	Total Quarter,	Total Year.			
Hopds Comes Reservate	1073	491	2,58	KECKE.	49.36			
Middle Beauth Reservoir-,	441	9.68	2-47	10.00	(giya			
Kensico Reservoir	3.30	6.26	2.64	er ag	47,68			
Continu Tallin	3.38	3.24	20,03	mañ4	43155			
Control Park Roserviir	3,50	4/51	6,15	ra.yō	40.62			

257 days no water run over Croton dam during 1900.

# BRONN AND BYRAM RIVER SUPPLY.

As the storage reservoirs on the Bronx and Byram rivers did not fell during the early part of the year, the increased use in the Bronx and Byram rivers did not fell during the early part of the year, lowering the distributing reservoir at Williamsbridge 29 feet, and depriving a large number of houses on the higher grounds of water, especially during the day; a temporary pumping plant was placed at the Old Croton Aqueduct and Van Cortlandt avenue, and water pumped from the aqueduct to the mains on the west side of Jerona Park reservoir, thus supplying a portion of buildings on high ground. The moneys for this work are all expended, and as the rains have not us yet improved the supply only in temporary manner, a requisition has been made on the

Municipal Assembly and the Board of Estimate and Appertionment to issue recome hands to the amount of \$50,000 to put up a temporary plan to pump 10,000,000 gollons per day from the Old Croton Aqueduct into the main supplying the horough.

A contract has been made to lay a 48 inch main from the old aqueduct, through Mosholm parkway, to Southern Boulevard, to supply the lower pursues of this benough from the Croton Aqueduct, and the contractor has commenced work.

#### WATER MAIN POWER 30. 3.

The contractor on the hondation for the pumping station at Jerome Park reservoir has stepped work on account of freezing weather.

The appropriation of \$313,000 for building pumps, etc., for this pumping station is still in the Municipal Assembly for their action; also the ordinates suffering the building of the engine, boiler and coal-houses.

### ADDITIONAL WATER PUND.

The several to number of Approximal have been taking testimour during the year, and as the moneys have become available the voughers have been a selection the approval by the Courts of their reports.

### REPAIRING AND RENTWAL DE OTRES, THE

Several gauge of more have been employed during the quarter making necessary repairs to stop-cocks, hydrants, makes, etc. New hydrants set.
Old hydrants repaired.
New stop-cocks set.
Old stop-cocks repaired.
Mains renaired 2,526

	Leaking service pipes shar off at roain. Hydrants found improperly classed. Linear feet new pipe laid. Permits to tap City mains	350 312 356 1,392 591
	And during the year 1900—	
١	New hydrants set	791
	Old hydrants repaired	
	New siop-cocks set	130
	Old stop-cocks repaired	1,491
	Mains repaired  Leaking service pines shut off at mains.	1,078
		1,128
	Hydrants found improperly closed	1,717
	Linear feet of new pipe laid	7:420
	Permits to tap mains granted	2,518

There have been 83 bease troughs repaired, it commented drinking foundain set and it Bartholomew bydrant set.

There are now in the boroughs of Manhattan and The Brunx, outside of the parks:

Ornamental drinking foundains

Man and beast hydrants

Bartholomew hydrants

Low horse troughs.

188

Private horse troughs.

50

Drinking and beast foundairs under one of the Society for Response of Checks to Drinking and beast fountains under care of the Society for Prevention of Cruelty to Animals.

# AQUEDUCT REPAIRS AND MAINTENANCE.

Work Done During Quarter.

		Earth Escayaed, Califo Vards,	Stone Quarried, Cubic Yards.	Dry Masoury, Cubic Yards,	Brickwork, Cubic Yards,	Concrete Laid, Cubic Vards.	Brick Paving,	Paging Laid, Square Feet,	Guster Paved, Square Feet.	Ulling and Grading, Color Yards.	Soffing Laid, Square Feat,	Telegraph Poles Ser.	Feno-Brile Linear Feet,	Fence Repaired, Linear Feet	Fence Painted, Linear Feet,
Distance 5	6g. ty	21	2111	1111		**		*****	de	175	110207	10	2000	2.55050	311111
00	#I	44	144	33	**:	23	750	*,ug6	1/8	2021	34444		3,00	20000	139
0.	Burnanan	80	4007	38	10	- 11	1212	66	900	900	neete l	15	900	20000	7,400
- 110	4 market market and a second	14	5151	3111	10	-41	3+4+	1000	900	DAG	100.00	-	440	825	300
-11-	[111-1111]	2.4	etel	300	90	-11	143.6		Na.	an-	120,000	2	111	349	9,911
-111	**************************************	300	1464	33	0.4	**	1534	*****						3,600	3,931
-	T	1.0	44.64	*****	69	44	****	******	4.414.6	800	15,005	44	500	200	700
197	1	18	1777	47.2		**	1000	*****	X 80 X	****	1111111	41	*****	10041241	2,150
	Total	200	ico	ini	6g	45	759	1,162	Ros	995	T5)493	3	£4383	4,065	ar,gal

Work Done During Frar 1900

		Earth Excavated, Cubic Yards.	Stone Quarried, Cubic Yards.	Bry Stone Masumy, Cobb Yards,	Brickwork, Cubic Vards.	Concrete Laid, Cubic Yards,	Brick Powing, Spide,	Flagging Eailt, Square Feet.	Guner Paved, Square Free,	Spread Gravel, Cubic Yards.	Filling and Grading, Cubic Yanla,	Sodding, Square Free,	Irenwork Painted, Square Feet.	Telegraph Poles Ser.	Frite Posts Ster.	Fence Gates Built	From Built. Linear feet.	Trace Repaired Linear Feet,	Enno Pantell, Lincir Fast,	Board Walk Laid, Loosa Peer,	Cerrent, Massacy, Cutte Vents,
Memion No	( K	27	trade a	*10.	nn	1925	444	****	SERVI	11111	175	1000	366	96	R		410	1000	121	0000	300
**		120	240	37	1111	8534	750	1,096	410	2,44	37	19.8%	- 55.0	46	70	2	234	1,817	a/86 y	100	3000
-	Service of the contract of the	1975	175	285	2414	***	1711	105	1115		ene	1985	2,575	40	40	-16	1,005	1/2/80	16213	0000	355
-	4	30.	10000	xun	1119	11.00	31111	****	2717	ane	134	1417	here	- 00	- 51	le.	2,662	9,985	T.125	(10.0)	0.112
- 41	\$1111111111111111111111111111111111111	58		447	1411	666	1000	*111	3111	19191	68	1400	200	1	16	68	1,062	3.160	HAPAK	HH	
	Limited measurements	3111	1000	x 18	fatu.	1000	2000	****	100	200	že	20		25	- 11	11.	400	1,500	3,937	1,000	ire
	The continue of the second	4111		9575	85.	page 1	1914	*1**	10.00	*144	360	15,005	14(4)	111	- 00		1,100	For	700	1000	550
14	8	****		****	ry.	hajter.	4494	1111	4114	30	Eco	50	1000	44	100		11111	-111	8,150	XX11-	****
	Total	514	475	1/015	ten	8516	750	1,217	916	430	1,300	15,113	2,575	66	āA.	2	11197	45,80)	10,07	X p(100)	3/4

Division No. 1—The work on this division has been; Cleaning show of lake, cleaning screens, painting outbuildings and fences, filling and grading.

Division No. 2—The work on this division has been; Concreting and laying brick walk on the promounds, pointing masonry, filling and grading, repairs to bank wall; painted all the buildings, building and printing fences.

Division No. 3—The work on this division has been; Quarrying some and building relaining wall, bluestone flagging laid, painting fences and painting engine-house shalt.

Division No. 4—The work on this division has been; Building extension to Keeper's house, carting cement and stone, building fences,

Division No. 5—The work on this division has been; Building and repairing fences, painting fences; painted house at Dunwoodie, repairs to roof of gate-house, North Yonkers.

Division No. 6—The work on this division has been; Painting fences and doors, windows and shutters of head houses, 19, 22, 23, repairs to stone wall, repairing fences, filling and grading.

and shutters at head houses, 19, 22, 23, repairs to same wall, repairing fences, filling and grading.

Division No. 7—The work on this division has been: Brickwork at One Hundred and Seventy-ninth street pumping station; grading, filling and sodding at One Hundred and Seventy-ninth street; hoisting coal, cutting grass; building, repairing and painting lences; carpenter work at Keeper's house, painting iron and wire railing, handing and storing paving blocks, cleaning up line of aqueduct and all approaches to reservoir and bridge.

Division No. 8—The work on this division has been: Painting at High Service Wacks, varpenter work at Keeper's house and at Twenty-fourth street yard, painting fences, repairing hurances, cleaning surface of water in reservoirs, cleaning screens in gate-houses, repairing vault at Forty-second street, painting at One Hundred and Thirty-fifth street gate-house, and brickwork at Blocker and Linsby streets.

Also the inspection of the three pumping plants, and furnishing the necessary coal, oil, etc., and keeping same in repair. The storage reservoirs, lands along same, lences and buildings in Westelnesser and Pathan Counties have been kept in order. The necessary policing of the water-short to stop nulsances and the treating of the sowerage of Mr. Kisco and Brewser have been continued.

LAVING CROTON PIPES-REPORT FOR QUARTER ENDING DECEMBER 31, 1902.

Contracts for laying and relaying water-mains in the following circets and avenues have been completed during the quarter:

(R) Mains Reset and Replacing Others.

Grand avenue, between One Hundred and Ninefieth street and Kingsbridge road. (K.)

Kingsbridge road, Grand and Tue Taw avenues. (R.)
Kingsbridge road, Tee Taw and Nathalio avenues. (R.)
Rainhridge avenue, One Hundred and Ninety-sighth street and Southern Hoolevard. (R.)
Authory avenue, One Hundred and Eighty-first and One Hundred and Eighty-second

Anthony avenue, One Hundred and Eighty-first and One Hundred and Eighty-secon (R.)

(R.) (In Hill road, Hull and Perry avenues. (R.)

Hoffman street, One Hundred and Eighty-ninth street and Polham avenue. (R.)

Sherdan avenue, One Hundred and Fifty-eighth and One Hundred and Sixty-first streets.

One Hundred and Fifty-sixth street, Westchester and Cauldwell avenues.

One Hundred and Twenty-third street, Columbus and Amsterdam avenues.

Boulevard (cast side), Ninety-sixth and Eighty-sixth streets.

Eighty-sixth street, Boulevard and Central Park, West.

Transverse road No. 3, across Central Park to Fifth avenue at Eighty-fifth street.

Eighty-lith street, Fifth and Fark avenues.

Park avenue, Eighty-fifth and Eighty-second streets.

Eighty-second street, Park and Third avenues.

Norm.-(R indicates streets and avenues in which mains have been laid during the year to replace old mains disindened on account of change of grades at streets and construction of sewers.

AMOUNT OF THE LAID, STOF-COCKS SET AND HYDRANTS PLACED IN 1900.

Diamerik,	LINEAR FRET LAIR DIRTHS QUARTER.	LIBRAR FREE LAW DURING YEAR.
g6-inch:	1,349	10,700
seinob	23	F#33
18-litch,	905	15,405
64hch - 111-111-111-111-111-111-11-11-11-11-1	2,823	39,957
Totals	5,100	69,696

10000				
157	OD.	14	ne	25
	5600	Б.		

Diametric.	SET DURING QUARTER.	SEF DURING YEAR
16-ineb	****	
minelt	4444	1
teindi	A	17
6-lach	13	Ros
Totals.	17	134

# Hydrants.

PATTERN.	PLACED DURING QUARTER	PLACED DURING YEAR.
Nos. 2, 2 and 3	**	3
"A"	7	111
Double nozzle " A "		3
Double nozzle " New York "	2	10
Miscellaneous	44	
Totals.	In.	143

In addition to the above the following amount of pipe, stop-cooks and hydrants have been relaid and result to replace an equal monoic absorbined in account of changes of grade, of streets, and construction of severs during the year 1989.

tz-lach 6-inch	Pipe.	Linear fun. 1,454 17-304
	Total	18,758
	Shy-awka	
		21
	Total	2,3
	Hyaranic,	
No. 1		48
	Total	40

STREETS AND AVENUES IN WHICH WATER-WAINS HAVE BEEN LATE AND STRAID IN VIAL 1900.

(R) Mains Reset and Replacing Others.

(R) Mains Reset and Replacing District.

Boulevard, between Ninety-sixth and Eighty-sixth streets.

Eighty-sixth street, between Eoglevard and Central Park, West,
Teansverse road No. 3, across Central Park to Fifth xvenue at Eighty-fifth street, between Fifth and Park strengs at Eighty-fifth street.

Eighty-sixth street, between Fifth and Eighty-second streets.

Eighty-second street, between Park and Lexington avenues.

zo-inch pipe—

Eighty-second street, between Lexington and Third avenues.

Webster agence, between Two Hundred and Thirty-third and Two Handred and Thirty-fourth streets.

fourth street Two Hondred and Thirty-third street, between Jerome and Weister agenus.

12-loch pipe—
Aqueduct evenue, between Washington Bridge and Featherbed lane. (R.)
Eighth evenue, between One Hundred and Fifty fifth and One Hundred and Fifty-rightle

One Hundred and Eighty-first street, between Fort Washington avenue and Jambyand

Che Hundred and Eighty-first street, between Fort Washington avenue and tooleyant Lafayette.

Blackwell's Island, from t2-inch main apposite Seventy-ninth street, a real island, and thence southerly along east sole of island.

One Hundred and Seventy-seventh street, from Boston road to Brona river.

Across Brona river to West Farms road.

West Farms road, from Brona river to Morris Park avenue.

Murris Park avenue, from West Farms road to Bear Swamp road.

Kingsbridge road, between Grand and Tae Taw avenues. (E.)

Kingsbridge road, between Tee Taw and Nathalie avenues. (R.)

ch proc—

Kingsbridge road, between the law and statum of the law and Seventh pipe—

Valentine avenue, between One Hundred and Eighty-third and One Hundred and Eightyninth streets. (R.)

One Hundred and Thirty-ninth street, between Lenox and Seventh avenue.

One Hundred and Eighty-third street, between Kingstridge road and Eleventh avenue.

Tumpkins street, between Stanton and Rivington streets.

Keppler avenue, between Two Hundred and Thirty-eighth and Two Hundred and Thirtyninth streets. (R.)

McLean avenue and Two Hundred and Forsieth street (connection with Youkers water
system).

system).

Anthony avenue, between One Hundred and Eightleth and One Hundred and Eighty-first

Anthony avenue, between One Hundred and Eightleth and One Hundred and Eighty-first streets. (R.)

Macy place, between Prospect avenue and Hewitt place.

One Hundred and Fifty-eighth street, between Gerard and River avenues,
Marion avenue, between Travers and William streets.

One Hundred and Sixty-third street, between Trialty and Tinton avenues.

Fifty-first street, between Eleventh and Twelfth avenues. (R.)

Arthur avenue, between Eigestridge road and Pelham avenue. (R.)

One Hundred and Sixty-seventh street, between Third and Fulton avenues.

Trinity avenue, between One Hundred and Fifty-eighth and One Hundred and Sixty-tirst streets. (R.)

Union avenue, between One Hundred and Sixty-sixth and Home streets.

tireets. (K.)
Union avenue, between One Hundred and Sixty-sixth and Home streets.
Two Hundred and Thirty-seventh street, between Keppler and Verio avenues.
One Hundred and Filty-sixth street, between Eighth avenue and Harlem river.
One Hundred and Eighty-eighth street, between Andubon and Eleventh avenues.
Two Hundred and Thirty-fitth street, between Keppler and Webster avenues.
Two Hundred and Thirty-sixth street, between Keppler and Webster avenues.
Mott avenue, from One Hundred and Twenty-eighth street, 250 feet north. (K.)
Two Hundred and Thirty-eighth street, between Katonali and Verio avenues.
Two Hundred and Thirty-fourth street, between Two Hundred and Thirty-third street and Webster avenue.

Webster avenue,

Katonah avenue, between Two Hundred and Thirty-third and Two Hundred and Thirty-eighth streets.

Sixty-ninth street, between Avenue A and Exterior street.

Audubon avenue, between One Hundred and Seventy-third and One Hundred and Seventyfifth streets.

Seventh avenue, between One Hundred and Fifty-second and One Hundred and Fifty-fourth

streets.

Dyckman street, between Broadway and Speedway.

Marcher avenue, between old 6-inch main and Woody Crest avenue,

Brook avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth

Arthur avenue, between Crotona Park, North, and One Hundred and Seventy-fifth street. Forest avenue, at intersection of One Hundred and Sixty-eighth street. Stebbins avenue, between One Hundred and Sixty-fifth street and Westchester avenue. Stebbins avenue, between One Hundred and Sixty-seventh and One Hundred and Sixty-seventh and One Hundred and Sixtyninth streets.

NOTE.—(R) indicates stress and avenues in which mains have been relaid during the year to replace old in ahandoned on account of changes of grades of streets and communition of sewers.

4534 6-inch pige—
Crotona Park, North, between Crotona Park and One Hundred and Seventy-fifth street.
One Hundred and Sixty-third street, between Third and Caubiwell avenues.
One Hundred and Eighty-ninth street, between Webster and Morria avenues,
Karonah avenue, between Two Hundred and Thirty-ninth and Two Hundred and Fortieth Two Flundred and Fortieth street, between Katonah and McLean avenues.

McLean avenue, between Two Hundred and Fortieth street and Webster avenue.

One Hundred and Seventy sixth street, between Mooroe and Morris avenues. (K.)

Sherman avenue, between One Hundred and Sixty-first, and One Hundred and Sixty-fourth streets.

Mount Hope place, between One Hundred and Sixty-first and One Hundred and Sixty-fourth atreets. (R.)

Spayten Duyvil Parkway, between Two Hundred and Thirty-third and Two Hundred and Thirty-sixth streets. (R.)

Topping street, between One Hundred and Seventy-second and One Hundred and Seventy-fourth streets. (R.)

Topping street, between One Hundred and Seventy-second and One Hundred and Seventy-fourth (Gray) streets. (R.)

Topping street, between One Hundred and Seventy-sourth and One Hundred and Seventy-fifth (Gray) streets. (R.)

Johnson's lane, from Rappock street, south. (R.)

Woodlawn road, between Webster and Perry avenues. (R.)

Woodlawn road, between Webster and Perry avenues. (R.)

Edgecombe avenue, between One Hundred and Fifty-fifth and One Hundred and Fifty-seventh streets.

Edgecombe avenue, between One Hundred and Fifty-eighth street and Amsterdam avenue. (R.) (R.)
Grand avenue, between One Hundred and Nipetieth street and Kingsbridge road. (R.)
Anthony avenue, between One Hundred and Eighty-first and One Hundred and Eightysecond street. (R.)
Gan Hill road, between Hull and Perry avenues. (R.)
Hoffman street, between One Hundred and Eighty-ninth street and Pelham avenue. (R.)
Sheridan avenue, between One Hundred and Fifty-eighth, and One Hundred and Sixty-first One Hundred and Fifty-sixth street, between Westehester and Cauldwell avenues. One Hundred and Twenty-third street, between Columbus and Amsterdam avenues. Eighty-second street, between Avenue A and Exterior street. Norm.—'R, indicates attents and avenues in which mains have been relaid during the year in teplace of mains aliandoned on account of chances of grades of arcets and construction of severs. "A" Hydrants Placed During the Year 1900. Northeast corner One Hundred and Thirty-ninth street and Lenox avenue.

North side One Hundred and Thirty-ninth street and Seventh avenue.

Northeast corner One Hundred and Eighty third street and Seventh avenue.

Northeast corner One Hundred and Eighty third street and Wadsworth avenue.

Northeast corner One Hundred and Eighty third street and Kingsbridge road.

Northwest corner Macy place and Hewitt place.

Northwest corner Macy place and Prospect place.

North side One Hundred and Sixty-third street, between Trinity and Juckson avenue.

North side One Hundred and Sixty-third street, between Trinity and Juckson avenue.

Northeast corner One Hundred and Sixty-seventh street and Third avenue.

Southwest corner One Hundred and Sixty-seventh street and Folton avenues.

Southwest corner Trinity avenue and One Hundred and Sixty-sixth street.

Northwest corner Union avenue and One Hundred and Sixty-sixth and House street.

Southwest corner Marion avenue and Trivers street.

West side Union avenue, between One Hundred and Sixty-sixth and House streets.

Southwest corner Marion avenue and Travers and William streets.

Northwest corner Two Hundred and Thirty-seventh street and Katonah avenue.

Northwest corner Two Hundred and Thirty-seventh street and Katonah avenue.

Northwest corner Two Hundred and Thirty-seventh street and Katonah avenue.

North side Two Hundred and Thirty-seventh street and Katonah avenue.

North side Two Hundred and Thirty-seventh street and Martha avenue.

North side Doe Hundred and Fility-cichich street, between Martha and Venue.

North side One Hundred and Fility-cichich street, between Genard and River avenue. Northeast corner One Hundred and Thirty-ninth street and Lenux avenue. . North side One Hundred and Flity-cighth street, between Gerard and River avenue.

North-side One Hundred and Flity-cighth street, between Gerard and River avenue.

Northeast corner Eighth avenue and One Hundred and Flity-sist street.

Southeast corner Eighth avenue and One Hundred and Flity-cighth street.

Northeast corner One Hundred and Flity-sixth street and Eighth avenue.

North-side One Hundred and Flity-sixth street, between Eighth avenue and Exterior.

Northeast corner for Hundred and Flity-sixth street, and Elghth avenue.

North side One Hundred and Flity-sixth street and Elghth avenue and Exterior street.

Northwest corner One Hundred and Eighty-eighth street and Eleventh avenue.

Northwest corner One Hundred and Eighty-eighth street and Andubon avenue.

Northwest corner Two Hundred and Thirty-fifth street and Andubon avenue.

Northwest corner Two Hundred and Thirty-fifth street and Keppler avenue.

North side Two Hundred and Thirty-fifth street, between Keppler avenue.

North side Two Hundred and Thirty-fifth street, between Keppler and Katonah avenue.

North side Two Hundred and Thirty-fifth street, between Katonah and Martha avenue.

North side Two Hundred and Thirty-fifth street, between North and Verio avenue.

North side Two Hundred and Thirty-sixth street, between North and Thirty-fifth street, between Northwest corner Two Hundred and Thirty-sixth street, between Northwest corner Two Hundred and Thirty-sixth street, between Keppler awenue.

North side Two Hundred and Thirty-sixth street, between Keppler awenue.

North side Two Hundred and Thirty-sixth street, between Katonah and Martha avenues.

North side Two Hundred and Thirty-sixth street, between Martha avenue.

North side Two Hundred and Thirty-sixth street, between Martha and Verio avenues.

North side Two Hundred and Thirty-sixth street, between Martha and Verio avenues.

North side Two Hundred and Thirty-sixth street, between Martha and Verio avenues.

Northwest corner Two Hundred and Thirty-sixth street, between Martha avenue.

Northwest corner Two Hundred and Thirty-sixth street, between Martha avenue.

Northwest corner Two Hundred and Thirty-fourth street and Martha avenue.

North side Two Hundred and Thirty-fourth street and Martha avenue.

Northwest corner Two Hundred and Thirty-fourth street state of Martha avenue.

Northwest corner Two Hundred and Thirty-fourth street and Katonah avenue.

Northwest corner Two Hundred and Thirty-fourth street and Katonah avenue.

Northwest corner Two Hu fifth street.

West side Stebbins avenue, between One Hundred and Sixty-third and One Hundred and Sixty-fifth streets. Sixty-fifth streets.

Northwest corner Stebbins avenue and One Hundred and Sixty-third street.

Southwest corner Stebbins avenue and One Hundred and Sixty-ninth street.

Southwest corner Stebbins avenue and Home street.

West side Stebbins avenue, between One Hundred and Sixty-seventh and Home streets.

Southeast corner One Hundred and Seventy-fifth street and Crotoma Park, North.

Northwest corner One Hundred and Sixty-third street and Eagle avenue.

Northwest corner One Hundred and Sixty-third street and Cauldwell avenue.

Northwest corner One Hundred and Eighty-ninth street and Highbridge road.

North side One Hundred and Eighty-ninth street, between Creston avenue and Concourse. North side One Hundred and Eighty-ninth street, between Concourse and Valentine North side One Hundred and Eighty-ninth street, between Valentine and Tiebout avenues

Northeast corner Two Hundred and Fortieth street and Katonah avenue
West side Sherman avenue, between One Hundred and Sixty-first and One Hundred and
Sixty-second streets
Northwest corner Sherman avenue and One Hundred and Sixty-third street.
Northwest corner Webster avenue and Two Hundred and Thirty-third street.
Northwest corner Oneida avenue and Two Hundred and Thirty-third street.
South side Two Hundred and Turry-third street, between Napier and Jerome avenues.
Northwest corner One Hundred and Eighty-first street and Boulevard Lafayette.
East side Blackwell's Island, near cook house.
East side Blackwell's Island, near work-house shop
East side Blackwell's Island, near work-house shop
East side Blackwell's Island, near work-house shop
East side Blackwell's Island, near women's Hospital
Northwest corner One Hundred and Eighty-third street and Adams place
Northwest corner One Hundred and Eighty-third street and Adams place
Northwest corner Edgecombe avenue and One Hundred and Fifty-fifth street.
West side Edgecombe avenue, between One Hundred and Sixty-fifth and One Hundred and
Sixty-second streets.
West side Edgecombe avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-third streets.
West side Edgecombe avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-fifth streets.
West side Edgecombe avenue, between One Hundred and Sixty-fourth and One Hundred and Sixty-fifth streets.
West side Edgecombe avenue, near Jennel place
Southeast corner Edgecombe and Amsterdam avenue.
North side Core Hundred and Fifty-sixth street, between Cauldwell and Trinity avenue.
North side One Hundred and Fifty-sixth street, between Trinity and Jorest avenue.
North side One Hundred and Fifty-sixth street, between Technologies avenue.
Northwest corner One Hundred and Twenty-third street and Amsterdam avenue.
Northwest corner One Hundred and Twenty-third street and Musterlam avenue. Northeast corner One Hundred and Twenty-third street and Amsterdam avenue....... Total..... New York Hydronte Planed During Year 1900. North side Fifty-first street, between Eleventh and Twellth avenues.

Northeast corner Broadway and Ninety-second street.

Southeast corner Eighty-sixth street and Amsterdam avenue.

Northwest corner Eighty-sixth street and Columbus avenue.

Northeast corner Eighty-sixth street and Columbus avenue.

Northeast corner Eighty-sixth street and Central Park, West.

North side Transverse Koad No. 3, east of West Arch.

South side Eighty-fifth street, between Fifth and Madison avenue.

Southeast corner Eighty-fifth street and Madison avenue.

Northwest corner Park avenue and Eighty-second street. No. t Hydrants Placed during Year 1900. Northwest corner Tompkins and Rivington streets
West side Tompkins street, between Rivington and Stanton streets
Southwest corner Tompkins and Stanton streets Total.... Miscellaneous Hydrants Placed during Year 1900. Southwest corner One Hundred and Seventy-accounts street and Boston road.......... Southwest corner One Hundred and Seventy seventh street and Boston road.
South side West Farms road, between Bronn river and Bronn Park avenue.
Southwest corner West Farms road and Bronn Park avenue.
Southwest corner West Farms road and Marris Park avenue.
West side Morris Park avenue, between West Farms road and Adams after.
West side Morris Park avenue, between Adams and Van Buren street.
Northwest corner Morris Park avenue and Hancock street.
Northwest corner Morris Park avenue and Garfield street.
Southwest corner Morris Park avenue and Unionport road.
Southwest corner Morris Park avenue and Washington street.
Northwest corner Morris Park avenue and Washington street.
Northwest corner Morris Park avenue and Jefferson street.
Northwest corner Morris Park avenue and Jefferson street.
Southwest corner Morris Park avenue and Jefferson street.
Southwest corner Morris Park avenue and Bear Swamp road. Total, ..... Additional Fire-hydrants and Repairs to Large Mains and Stop-cocks.

Two gangs of men have been employed during the quarter, placing new hydrants, relaying mains, resetting stop-cocks and hydrants, changing taps, etc. The amount of work done is as fol-

41 linear feet of new 12-inch pipe laid.
1035 linear feet of new 6-inch pipe laid.
48 linear feet of new 4-inch pipe laid.
1 new 20-inch stop-cock and gearing set.
3 new 12-inch stop-cocks and boxes set.
6 new 6-inch stop-cocks and boxes set.
15 new New York hydrants set.
1 new double-nozzle "A" hydrant set.
1 forty-spidtatioch main progress.

1 new stoutne-nozzie "A" hydrar 1 forty-eight-inch main repaired. 3 twelve-inch mains repaired. 6 twelve-inch stop-cocks repaired. 4 six-inch stop-cocks repaired.

6 hydrauts repaired. 3 twelve-inch stop-cocks replaced. 2 six-inch stop-cocks replaced.

I No. I hydrant replaced. I tap shut off. I double-nozzle "A" hydrant replaced by

newer pattern.

1 Victor hydrant replaced by newer pattern.
26 Nos. 1, 2 and 3 hydrants replaced by newer pattern. 10 "B" hydrants replaced by newer pattern.

# Additional Fire-hydrants and Repairs to Large Mains and Stop-cocks.

Two gaugs of men have been employed during the year, placing new hydrants, relaying and repairing mains, stop-cocks, and hydrants, changing taps, etc. The amount of work done is as

61 linear feet new 12-inch pipe laid, 1508 linear feet new 6-inch pipe laid, 223 linear feet new 4-inch pipe laid, 1 new 20-inch stop-cock and gearing set,

7 new 12-inch stop-cocks and boxes set.
23 new b-inch stop-cocks and boxes set.
147 new New York hydrants set.
3 new miscellaneous hydrants set.
2 new double-nozzle "A" hydrants set.
1 new No. 1 hydrant set.

r new No. r hydrant set.

16 Nos. 1, 2 and 3 hydrants replaced.

2 double-nozzle "A" hydrants replaced.

1 New York hydrant replaced.

36 six-inch stop-cocks replaced.

1 twenty-inch stop-cock replaced.

3 forty-eight-inch stop-cocks repaired.

5 thirty-inch stop-cocks repaired.

3 thirty-inch stop-cocks repaired.

6 twenty-four-inch stop-cocks repaired.

28 twenty-inch stop-cocks repaired.
24 twelve inch stop-cocks repaired.
59 six inch stop-cocks repaired.
74 hydrants repaired.
1 forty-eight-inch main repaired.
2 thirty-six-inch main repaired.

rwenty-four-lach main repaired.

twelve-inch mains repaired. six-inch mains repaired, four-inch mains repaired.

taps shut off, double-nozzle "A" hydrants abandoned and replaced by others of newer

Victor bydrants abandoned and replaced by others of newer pattern.

4 Nos. 1, 2 and 3 hydrants abandoned and replaced by others of newer pattern.

28 "B" hydrants abandoned and replaced by

others of newer pattern.

BEPAIRING AND RENEWAL HE PIPES, STOP-COCKS, ETC.—AMOUNT OF PIPE LAID, STOP COCKS SET AND DEVERANTS PLACED IN 1900.

Pipe.

Diageter.	Innua FRET LAIS THURING QUARTER ENDING DECEMBER 31, 1960.	LINEAR FEET LAID DURING YEAR 1900.
using harmonic and a second se	48	bi
6-inch ;-,	1.035	x,508
4 (000), 14 (100), 17 (100)	48	o \$7).
fiels	1/124	1/792

#### Stoprocks.

Diaweyer.	SET DURING QUARTER EMDING DECEMBER 31, 1900.	SET DURING YEAR 1900.
\$ MIN.	4	
18 lifeh. 1912. 19	3	7
femel:	6	學到
Totals	in	31

#### Hydrunts.

Ратукан.	PLECEM DESING QUAR- SER EXPISO DECEMBER 21, 1986.	Радено Динова Уван 1990.
New York	38	175
Unuli's notate !! A !!	1	14
Note; chilly comment of the control		
" H "		3
Victor	**	
MomBauerra		1
Taraba,	36	1965

Note—This table shows amount of work done by the two concurrence employed on "Repairing and Renewal of Parts, respected, at a "and and companies during the time occupied in changing the motive power on their flows.

# New York Hydrants Placed During the Year tont.

Northeast corner Fourth avenue and Nineteenth street. Southeast corner Deskonses and West streets. East slide Fark avenue, between One Hundred and Sixtieth and One Hundred and Sixty-first streets. Northwest corner Henry and Gouverneur streets.
Southeast corner Deslowsses and West streets.
East slile Park agenue, between One Hundred and Sixtieth and One Hundred and Sixty-
first streets
Northwest corner Tienry and Gouverneur streets
Southwest corner Washington and Moorh street
Southwest corner Beach and Washington streets Southeast corner Washington and Morris streets South side Harrison street, between Hudson and Greenwich streets
Southwest corner Washington and Albany streets.
Northeast craner Washington and Albany streets
Northeast cremer Washington and Albany streets Smith side Franciamth street, between First and Second avenues
Nurthwest currer Broadway and Chambers street
North side Cherry street, between Roosevelt and Oak streets
West side South street, between Fletcher street and Barling slip
Southeast corner Duane street and Broadway. North side Thirty-first street, between Madison and Fourth avenues.
Northwest corner Park row and Mulberry street
Northwest corner Duane street and New Bowery
Northwest corner Essex and Hester streets
Northwest corner Washington and Desbrosses affects
Northwest corner Washington and Desbrosses streets
afrects
West side Broadway, between One Hundred and Fifth and Hundred and Siath streets
South side Twelfth street, between University place and Pifth avenue
Northeast corner One Hundred and Twentieth street and Lenox avenue
Northwest corner One Hundred and Twentieth street and Lenox avenue
East sine Wangin street, between Stanton and Hunston arects.
Northwest corner Elm and Duane streets
Southwest corner Ninth avenue and Twenty-fourth street.
Southwest corner Ninth avenue and Twenty-fourth street, Northwest corner One Hundred and Twenty-first street and Lenox avenue
Northeast corner One Hundred and Eighteenth street and Lenox avenue
Northeast corner One Hundred and Seventeenth street and Lenox avenue.
Northwest corner One Hundred and Twelith street and Lenox avenue
Southwest corner Murray and Church streets
Northwest corner Washington and Vestry streets
Southwest corner Ninth avenue and Twenty-nith street
Northwest corner Washington and Hubert streets
Southwest corner Washington and Hubert streets
Southwest corner Ninth avenue and Twenty-seventh street.  Northwest corner Madison avenue and Twenty-fourth street.
Northwest corner Madison avenue and Twenty-fourth street.
Southeast corner Eighth avenue and Twenty-first street
Southeast corner Eighth avenue and Twentieth street
Southeast corner Eighth avenue and Nineteenth street.
Southwest corner Worth street and West Broadway
Northwest corner Ninth avenue and Twenty-eighth street
South side Twenty-second street, between Sixth and Seventh avenues.
Northeast corner Eighth avenue and Eighteenth street
Southeast corner Eighth avenue and Eighteenth street.  Southeast corner Eighth avenue and Seventeenth street.
Southeast corner Eighth avenue and Sixteenth street
Southeast corner Eighth avenue and Fifteenth street
Southwest corner Eighty-sixth street and Columbus avenue
Northwest corner Lafavette place and Astor place
Northeast corner Eighth avenue and Fourth street. Northeast corner Eighth avenue and Greenwich avenue.
Northeast corner Eighth avenue and Greenwich avenue.
Northwest corner Thirtieth street and Sixth avenue.
East side Allen street, between Delancey and Rivington streets.
Southeast corner Cherry street and Catharine slip. South side Fifty-fourth street, between Fifth and Sixth avenues.
North side Fortieth street, between Eighth and Ninth avenues.
Northwest corner One Hundred and Twenty-sixth street and Lenox avenue.
Northeast corner One Hundred and Twenty-third street and Lenov avenue
Northeast corner One Hundred and Twenty-fourth street and Lenox avenue.
Southwest corner Madison avenue and Fiftieth street
North side Fiftieth street, between Fifth and Madison avenues.
North side Fifty-first street, between Fifth and Madison avenues.  North side Nineteenth street, between Fifth and Sixth avenues
Northwest corner Thirty-ninth street and Ninth avenue.
Southeast corner One Hundred and Twenty-second street and First avenue
Southeast corner Broadway and Bleecker street
South side I wentieth street, between Sixth and Seventh avenues
Northeast corner One Hundred and Seventh street and Riverside drive
Northeast corner One Hundred and Nineteenth street and Third avenue

2		
I	Northwest corner One Hundred and Nineteenth street and Second avenue	
ì	Northwest corner One Hundred and Nineteenth street and First avenue	
И	Northeast corner One Handred and Nineteenth street and Print avenue.	
И	South side Thirty-ninth street, between Eighth and Ninth avenues.	
N	Northeast surner Thirty-fifth street and Ninth avenue.	
И	12 and the first the dead and Temperature around Street Latureau First and Pilling and Owners	
И	North side One Hundred and Twenty-first street, between First and Second avenues.  Northwest corner One Hundred and Twenty-first street and First avenue.	
И	Northwest corner One Hundred and Twenty-first street and Pirst avenue	
И	Northwest corner time Hundred and Twenty first street and Second avenue.	
ı	Continued as now Madison assesses and Townstatements effect	
ı	Northeast corner Seventy-second greet and Fifth avenue.  Northeast corner One Hundred and Twenty-first street and Third avenue	
И	Northeast Corner Seventy second sales and Charlet at the sales and Third account	
Ш	Northeast corner (the Humired and Twenty-urst sorter and Theorem	
ı	Northeast corner Twenty-fourth street and Madison avenue	
И	South side Twenty-sixth street, between Fifth and Madison avenues.	
ı	North side Twenty-lifth street, between Madison and Fourth avenue	
U	Southeast corner Madison avenue and Twenty-fifth street	
И	Southeast corner Twenty sixth street and Broadway	
91	Southwest corner Greenwich and Deshrosses streets.	
Н	Northware representational House of attracts	
Ы	Northwest corner Elm and Howard streets	
Ш	Not the ast corner to the Francisco and I wently that a state and First are a state and First ast a state ast a state and First ast a state ast a state and First ast a state	
Н	Northeast corner Duane and Elm strests.  Northwest corner Third avenue and Ninsty-sixth street.	
Ð	Northwest corner Third avenue and Ninety-sixth sizes.	
Н	Southeast corner Thirty-ninth street and Broadway.  West side City Hall place, between Duane and Pearl streets	
U	West aide City Hall place, between Duane and Pearl species	
1	Northwest corner Prince and Crosby streets, Northwest corner One Hundred and Twenty-ninth street and Seventh avenue	
Ш	Northeast corner One Hundred and Twenty-ninth street and Seventh avenue	
П	Northwest corner Thirty-fifth street and Fifth avenue.	
П	Northwest corner One Hundred and Twenty-ninth street and Lenex avenue	
П	Southwest corner Madison avenue and Twenty-sixth street.	
H	North side One Hundred and Twentieth street, near East river	
Ш	Southwest corner Oliver and Cherry streets.	
ø	Northeast corner Fifty-fifth street and Eighth avenue	
اا	South side Ninth street, herween Fifth and Sixth avenues.	
В	Northwest corner Fifty-sixth street and Madison avenue	
V	Northwest corner Piny sixth street and Madison avenue.	
ľ	Southwest corner One Hundred and Seventy-second street and Jerome avenue	
ال	Northwest corner Twenty-first street and Broadway	
Ø	Northwest corner Hudson and Jane streets	
ı	Northeast corner One Hundred and Twenty-eighth street and Madeson avenue.	
d	Northeast corner One Hundred and Twenty-sixth street and Fifth agence	
U	Northwest corner One Handred and Twenty-sixth street and Madison avenue,	
ı	Northeast corner Hudson and Charlton streets	
ľ	Northeast corner One Hundred and Twenty-fifth sivest and Third avenue.	
В	Prospect avenue and One Hundred and Fifty-second street	
II	Northwest corner Broadway and Morris street	
ı	Northwest corner Isroniway and Morris Steel.	
ı	Northwest corner Broadway and Thames street	
N	Southerst corner One Hundred and I wenty tourn street and Seventil avenue	
Ш	East side West street, between Spring and Charlton streets.	
Ш	Southeast corner Thirtrenth street and Kourth avenue	
B	Southwest gorner Eighty-sixth street and Amsterdam avenue	
И	Northeast corner Greene and Grand streets,	
ď	Northeast corner Third accome and Twenty-second street.	
М	Northwest corner Eighty-second street and Columbus avenue. East side Third avenue, between Twenty-first and Twenty-second streets. Northeast corner Greene and Prince streets.	
Ы	East side Third avenue, between Twenty-urst and Twenty-second attents	
	Northeast corner Greene and Prince streets.	
N	East side Broadway, between Bleecker and Bond streets	
Ш	East side Broadway, between Bond and West Third streets.	
ä	Northwest corner One Hundred and Twentieth street and Sesond avenue.	
ľ	Northeast corner One Hundred and Twentieth street and Third avenue	
ill		
ì	Northwest corner Jefferson and South streets	
H	Northeast corner Market and Cherry streets  Northeast corner Third avenue and Twenty-third street	
ı	Northeast corner Third avenue and Twenty-third street	
П	North side One Hundred and Fourth street, between Third and Lexington avenue-	
U	Northeast corner Third avenue and Twenty fourth street	
И	Southeast corner Third avenue and Twenty-xixth street	
Н	Southwest corner Crosby and Rieseker streets	
ч	Northeast corner Third avenue and Twenty-sixth street	
H	Northwest corner Forty-eighth street and Ninth avenue.	
1	Fast side Eldridge street, between Rivington and Stanton streets	
ő	North side Forty-eighth street, between Eighth and Ninth avenues	
ø	Southeast corner Multivery and Prince streets	
Ø	Southeast corner Crosby and Prince streets  North side Sixty-eighth street, east of New York Central Railroad tracks.	
	North side Sixty-aighth atmer cour of Now York Central Railwood tracks.	
ä	Northwest corner One Hundred and Twenty-lifth street and Eighth aronne	
	North side One Hundred and Twenty-fifth street, between Madison and Fifth eveniors,	
N	Northeast corner One Hundred and Twenty-lith street and Madison avoising	
Ø	North side One Hundred and Twenty-lifth street, between Madison and Park avenue.	
ı	North side One Figure and I wenty-first street, between Warpin and Tark wenty-	
	North side One Hundred and Twenty-fifth street, between Park and Lexington accuse	
3	North side One Hundred and Twenty-lifth street, between Lexington and Third avenues.	
N	Northwest corner One Hundred and Twenty fifth street and Third avenue.	
١ij	Northeast corner One Hundred and Twenty-fifth street and Third avenue.	
W	Southeast corner Forty-second street and Eleventh avenue	
ď	Southwest corner Forty-second strest and Teath avenue	
a	Northeast corner Forty-accord street and Teath avenue	
I	Northwest corner Forty-second street and Ninth avenue	
0	Southwest corner Forty-second street and Eighth avenue	
ı	Northeast corner Forty-second street and Eighth avenue	
N	South side Forty second street between Seventh and Caplith avenues	
И	Southwest corner Forty-second street and Seventh avenue	
H	Northwest corner Porty comment street and Street and Urondoner	
اار	Northeast corner Forty-second street and Broadway	
ı	Mantinest corner Porty-second street and Dioday,	
J	Northwest corner Forty-second street and Sixth avenue	
	Southwest corner Forty-second street and Sixth avenue	
ø	South side Forty-second street, between Fifth and Sixth avenues	
ال	North side Forty-second street, between Fifth and Madeson avenues	
ø	South side Forty-second street, between Fifth and Madison avenues.	
ĮØ	South side Forty-second street, between Park and Lexington avenues	
ø	Northeast corner Forty-second street and Lexington avenue	
yl	Southeast corner Forty-second street and Third avenue	
ø	Northeast corner Forty-second street and Third avenue	
ø	Southwest corner Forty-second street and Second avenue	
ø	South side Jersey street, between Elm and Crosby streets	
ø		
ال	Total	
ال		
ď	to day de a contrata de estado de es	
	MA TOURNEL PROCEST AMERICA FORE THEO	
H	"A" Hydrants Placed During Year 1900.  West side of Sheridan avenue, between One Hundred and Fifty-eighth and One Hundred	

175 West side of Sheridan avenue, between One Hundred and Fifty-eighth and One Hundred and Fifty-ninth streets.

Northeast corner Potter place and Jerome avenue.

Southwest corner of Kelly street and Longwood avenue.

"B" Hydrants Placed During Year 1900.

Southeast corner Forty-second street and Tenth avenue.....
Southeast corner Forty-second street and Ninth avenue......
Southwest corner Forty-second street and Ninth avenue...... Total

Victor Hydrants Placed During Vear 1900.

No. 1 Hydrants Placed During Fear 1900.

Northwest corner Madison avenue and Fiftieth street.

Southwest corner Boulevard Lafayette and Depot lane. Total.....

271,000,000

Miscellaneaus Hydrants Placed During Year 1900.	
North side Twenty-nighth street, between Second and Third avenues	1
North ade Thirty-third street, between Ninth and Tenth avenues	1
North side Twenty-lifth street, between Eighth and Ninth avenues	1
mand —	-
Total	3
Double Numbe + A ** Hydrants Placed During Year 1900.	
Northwest corner One Hundred and Nineteenth street and Pleasant avenue	-
Northwest corner Bowery and Hester street	4

SUMMARY, 1900. Pitc.

POAWRTER.	LISEAR FRET LAID TO DECEMBE 25 a Syy.	LINEAR FRET LAID FROM DECRMBER 31. 1899, 10. DECEMBER 31. 1900.	TOTAL LINEAR FURT LAID TO DECEMBER 31, 1900.
Italia	7 18,781		458.784
philate	933-457	30(200)	243-457
pole bases of the payment and accounts	4 6,528	\$1,11,15.	A Good!
WHERE some a second consistent consistency	11,542		Thorr
seleti	24 F/2 CS	Faces	148,471
is-inch	THUY		19,110
talanti	1/943/778	15,457	1:051/185
1-m/r	9,090	231311	6,629
hands	10.012,140	taowag	1019181185
shiple contraction to present the present the	260.01	209	58,898:
Totals +1+1+ ++-1++++++++++++++++++++++++	4471.089	**,844	4,547,800
Miles	B\$7/91	18:62	261.33

Less and feet of a such more shaudined.
 Less gay test of frinch pipe about med.

Stop-cacks.

Theorem.	Set то Писканов 35, 1890.	Set from Discussion 31, 18-31, TO Discussion, 1000.	Total See on December 31, 1900
(Billioth containers	79	1000 E	ag
please	19		7.5
nemeh	Sec.	6681	78
ti Heli ( è coè comè e comme de la come de la	13	-000	95
which	v)A	9	346
n-arch	14	9700	21
ichek	MSA	90	1/561
Milath	17	000	
hinet	5,341	thi	Wises
plind) (londer	765	A)	150
Totals	8,950	268	8454

\* Less i germen stop earle dondered. 1 Less i 6-met Stop-cocks standared.

Hydrants,

PATTRESS.	Prices in December 3t, 1850.	PLACED PROM DECEMBER 31, 1890, TO DECEMBER 31, 1900.	Татат. Рилсво то Весемене 31, 1906.
New p. g and p	30547.	5	*3,6.8
Youen per communication contract	137	4	tigg
# A **	4944	115	F4:535
0 R**	9774	3	Stores
Deadle nozele " A ",	180	6	11493
Onokia pozzle. New York	tota	185	1,197
Misocitanagus	45	17	39
Totals	11.515	333	11,771

Less 44 Nos. / a and 5 hydrants abandoned and replaced by newer put ern.
Less 2 Victor hydrants abandoned and replaced by newer pattern.
Less 2 " A " hydrant shondoned.
Less 2 " B " hydrants abondoned and replaced by newer pattern.
Less 2 " B " hydrants abondoned and replaced by newer pattern.

Water-mains Laid.						
Year.	Miles.	Toral Miles:	VEAR.	Mines.	TOTAL MILES.	
Previous to 1870	1111	333-64	1886	25.53	619,55	
15701	22.45	346,49	1887	15r43	634.98	
1671	88-58	388.61	1818	18.38	651.36	
11/2	25.56	378.97	198g	18.91	672.49	
Minerorgetioner	10,89	497-93	1890	10.11	689,80	
Mykamanana ana	9898	491.08	1801	17.77	700.37	
1825 and 1836	39:36	440.46	1892	13:38	713.92	
189	15,00	435-48	1803	11.00	727-02	
10/300000000000000000000000000000000000	88/38	178-77	4804	25.69	749.75	
1829	10.01	494.80	thy5	24.08	764.31	
Mineranionis	2817	318-17	x3g6	12.77	777.08	
1881	5,96	287/83	1297	39+39	816.47	
1882	19.00	549.75	1698	16.94	£33.47	
(E) Same and the same of	15.88	363,61	38gg	14-50	847.01	
1864	14-39	578.00	1906	13-48	862.33	
1865	17 (03	595.00				

LAYING WATER-MAINS-BOROUGH OF QUEENS.

In addition to the foregoing report the following amount of pipe has been laid and stop-cocks and hydrants set in the Borough of Queens during the year 1900.

Twelve-inch Pipe.

Broadway, from Flushing Pumping Station to Main avenue.

Six-inch Pipe.

Broadway, from Main avenue to city line.  Main avenue, from Broadway to Little Neck Bay.	
Amount of Pipe Laid.	
12-inch 6-inch	1.lnesi Frei. 4,236 7,994
Total	[2,23]
Stop-cocks Set.	-
12-inch 6 inch	
Total,,	., 6
13 Ludlow hydrants placed, waste and use or water.	
October— Croton watershed: Bronx and Byram sheds:	Gallens. 260,000,000 14,000,000
Total	274,000,000
November— Croton water-hed, Bronx and Ryram sheds	253,000,000 11,000,000
Total.	267,000,000
December — Croton watershed Broax and Byrace sheds	256,000,000 15,000,000

Average daily yield Croton watershed. 383,000,000 

Total ......

Average daily use, 1900

Under sections 178 and 400 of the Charter—
For building 100,000 linear feet of fence around property taken under Sanitary
Protection Act and Croton Water Fund in Futnam and Westellester Counties, at 60 cents.
For cleaning up the above land, 5,000 days' work, at \$2.
For land for Gross River Reservoir.
For building Cross River Reservoir.
For barge mains in connect Jeroms Pumping Station with present mains.
For wells, pumps, houses, etc., in Queens.
For examinations and surveys for additional supply of water. \$60,000 ad TOX COOL ON 200,000.00

The rains during November and December have not relieved this Department, especially in The Bronx and Byram river watersheds. Storage is still being drawn and the pressures are no pounds below the normal. The failure of the Board of Estimate and Apportionment and the Municipal Assembly to give the necessary moneys and authority to build the necessary works, etc., in time as called for by this Department in 1897, 1898 and 1899, has brought about the present deplorable want of supply.

BOROGGE OF QUEERS.

SUMMARY OF EXPENDITURES FOR THE QUARTER ENGING DECEMBER 31, 1900. Contingencies and Repairs to Water-pipes, etc.

Fumping Stations—Fuel and Supplies
Salaries—Office of Deputy Commissioner
Salaries—Pumping Stations.
Supplying Water to Long Island City
Water-main Fund—Queens. \$247 t3 5,285 t2 6,082 b5 4,154 94 5,648 t5 20,989 83 13,464 00 SUMMARY OF EXPENDITURES FOR THE YEAR 1900. SUMMARY OF EXPENDIFIERS FOR THE YEAR 1900.

Contingencies.

Maintenance and Repairs to Water-pipes, etc.

Pumping Stations—Fuel and Supplies.

Salaries—Office of Deputy Commissioner

Salaries—Pumping Stations.

Stand-pipe Bonds of 1897—Village of Flushing

Supplying Water to Long Island City

Water-main Fund—Queens. \$1,240 12 23,960 60 29,252 46 15,669 33 22,375 71 2,973 00 78,000 50

During the quarter there have been a great many complaints regarding the pressure, which is insufficient to supply the five-story houses in the lower portion of the city, and to supply even the second stories on the higher levels. The large factories, against which complaints are continually being made, are using all their water through meters and paying promptly for the same, and it is, therefore, a difficult matter to compel them to shut down. We are pumping all water we can from the various stations in the borough. The condition of the stations in the first Ward remains about the same, after having spent considerable money in partial repairs. Much yet remains to be done owing to insufficient appropriations.

The machinery in the various stations in the First Ward is in good condition, with the exception of some of the small pumps, which are now being repaired. The stack on the old boiler at Station No. 3 got into such a bad and dangerous condition that it was necessary to take it down within 15 feet of the roof. The old boiler is also in need of repair.

During this quarter the question of drainage at both Stations Nos. 1 and 2 has become one of pressing necessity, and surveys are being made to improve same.

At the Flushing Station the settings of the boilers in the boiler-room have been completed and parts for the fronts of the boilers furnished and the piping renewed and rearranged.

At the College Point Station the Worthington pump has been temporarily repaired, so that it can be run while making some necessary repairs to the Snow pump.

At the Whitestone Pumping Station the machinery is all in good order, as is the building itself, and with the help that station receives from Flushing and College Point, they have been able to keep up the pressures. Have recently had complaints of a low pressure in the early morning, caused by shutting down the Flushing Station and the Whitestone Station at night and throwing all of the work upon the College Point Station. Complaints regarding the quality of the water, w

on the driven wells.

Table of Work Dane in the Department of Water Supply, Design of County, City of a York, starting the Quarter ending December 31, 1900.	Ven
Number of tape—	
First World. Third World Number of back specied.	33
Third Ward	43
Authors in terms religious.	
First Want.	- 3
Third Ward	- 0
Number of stop-cocks repaired	
First Ward.	- 17
Third Ward.	100
Third Ward.	33
Third Ward,	22
Number of gate boxes required—	
First Ward	8.3
Third Ward.	150
New stap-encles et	
First Ward	- U
Third Ward	1.5
CASA State British of the	
First Ward.	- 4
Third Ward.  New hydronic set—	- 7
New Hydranta set—	
First Ward.	
Third Ward	-
Linear fore of pipe bind-	
Fine Word.	
Third Ward	
Fields of Cont Cont and Water Disapole.	

	Position of Camera Market MAY	'Are as Practio 'Are and the DATE
Pine Worl-		
subst	Salid	100/315
* ************************************	J-iot.	SPANE.
	Jane	475797
Hitch Ward-		
Hadding States - Construction from Control of	625	20090.000
Cilling Parity (1990) and the same of the	3,000	1.000.000
Without Hollory, and a services and a service and a servic	3,418	119540
Chiany Water Supery Conyuny -		
Hariane Areane Messermanners and a comment of the c	1404	rashres
Law & Hitchinery Averaged (minerant) a quick or processor conserva-	11100	111-11
Zimnom Avenus Meser, Amritono como como como como como como como c	0.00	1000378
Thomas Assis Malay Sulk on the control of the angle	1 = 21	070-072

The second entering the second entering which the property of the property.

The growth of the beautiful such that a latter is come, in the apply a receivery

DOPOLER OF UNDORSES	
Water Supply - Midiatements and Repairs - Sataries and Wages Water Supply - Midiatements and Repairs - Materials and Supples - Water Supply - Distributions and Repairs - Materials and Supples - Water Supply - Distribution and Repairs - Solution and Water Supply - Distribution and Repairs - Materials and Supples - Satartes - Labordony - Contingencies - Contingencies - Repair - Contingencies - Repair - Water-main Fund - Wate	\$125,041 80 38.511 78 51.511 95 8.171 95 8.171 95 1.500 12 7.57 70 27 50 7,500 02 555,070 18 1,406 53
Total	\$311,603.05
EXPENDITURES BUSING THE YEAR 1980.	
Water Supply—Maintenance and Repairs—Salaries and Wages Water Supply—Distribution and Repairs—Materials and Supplies Water Supply—Distribution and Repairs—Salaries and Wages Water Supply—Distribution and Repairs—Salaries and Supplies Salaries—Chief Engineer's Office Salaries—Laboratory Contingencies Contingencies, 1899 Reneal of Hydrants, 1899 Water-main Fund. Water Construction.	\$467,674 56 301,127 04 188,051 65 30,373 41 7,451 44 5,200 00 34029 88 680 58 31,054 21 15,286 25 77,824 18 128,902 25
Total,	\$1,257,585 21

WATER CONSUM	mos-u. s	DALLONS.
--------------	----------	----------

	1899.	1900;	
Milgeroood Supply.			
Average daily consumption—			
Ridgewood Law Service	83,170,074	7713=3.500	
Mount Prospect Low Service	6,007,375	0,387,550	
Munut Prospent High Service	3/3 ry/(y/)	3,2(6,781	
Total	111,7108,010	86,903,849	
Maximum thirty consumption, winter months,	117,925,648 (Feb. 21.)	(Feb, 20.)	
Maximum dally consumption, summer months	(01,717,900 (1 mm f.)	Ume 35.)	
Maximum average daily amoumption for one month	90,771,412	(June)	
Maximum daily consumption for year	117,211,048 (Feb. 13.)	(Fels al.)	

	1899.	1900,	
Granual Supply.			
Average daily conting that continues are services as a service are services.	A153491	2/37/1179	
Maximum dually consumptions winter months	(TAIN (st.)	Maria est	
Stauroum cally consumption number results	(10 % 1.)	(higg way)	
Manimum as congr daily consumption dos one musth	1973. 147 Fallows	1/(t/\.81 (het.)	
Madeum Jaky consumption for year	Wally sa	Surgions Surgions	
New Diesell Supply-			
Actor up daily renounipties	f,28,459.6	- American	
Abstraction daily consumption, Winter months	168(18m) (10m, 30)	Disc. 100).	
Statemer dealy commented summer medium	(76/1980 Line 7.)	1000,000 (000,000)	
the contract of the contract of the particle of the contract of the tensor of the tens	(Proper)	Section.	
at manura di idi piransunga (na tar gasar,	Mine n	Bright (B)	
New Lett Supply "			
Америя вы температи	1000000	(21400)	
20 monte oilly monuments, water months (	,m	The let	
Spateon daily consemption, commer weather.		HATTE.	
Maximum trengo dally seasonation by non-mobile properties.		March 1	
Maximum dully consecution for part.	440 (april 1)	(May 144)	

" Period from May a in Discount at

Summers of Widermood, Grandand, New Proofs and New Lote Supplies.

	New Lors Contrato	Nee Lon Oniven	Pages
Seer conducting consumptions	00M3.47A	gamayana	00/50/200
Lexinous stally consumption, where wonter	11/201/01/81	Fel. mg 1	7000000
lasione duty monoprose tumos sombs	(June 6.).	Than as	(free 25.)
Carment average July entromphile for the member (	to the sale	Philippe	They are
factoring duly contrast to for year	Find this	Details (	
apolation depondent span the system	* z,31 j,300	1 7,855,216	Unitarios
everage contampilion yet head pur day	16.6	160	1974

\* Perimated by Board of Health for any and provides all of population of Awang coath Ward, Allowship population is supplied from Redge good.

† From Twitth Federal Course.

It will be noticed that the tenth concamption (New Lots unitted) for the year 1900 is marrly acomposed gallons less than for the year 1809, that the population is 58,100 less, and that the perception duly consumption has apparently increased 1.7 gallons. This distribute is done to error in the population training for the tent 1899, which were taken from the committee prepared by the Local Board of Health, while those for the next year are based on the returns from the Tweith Federal Census, Correcting the population for the year 1890 to agree with an annual rate of growth of about 3 per cents, the number of consumers for that year would become about 1, reacon, and the per capita average daily consumers for that year would become about 1, reacon, and the per capita average daily consumers for that year would become about probably more accurately represents the actual conditions. The average daily yield in United States gallons for the past year of the various sources of supply has been a follows:

WATERSHELL	STRAVITY. STRVACE STORCES	Princip Principles. Sylvinies	Darries West. Sylvetics.	Turac-	
Out	16777/063	7,5,17,434	\$6,447,000 8,714,670	474736-103 376434743	
Total	19,168,816	7,137,4,52	36,7:14318	60/755-440	

The yield as above given, when expressed in inches of raintall on the watershed and in percentage of the total precipitation, is as follows:

	INCHES OF Remotes.	OF BARRAIL
Old wwershed	T4./0	10.99
New watershed	9.00	21-91
floti watersheds	non-	97:10

A comparison of this record with that of last year shows a distinction in the gravity supply of mearly 10,000,000 per day, and for the pond purpling stations of nearly 1,000,000 gallons per day, while for the driven wells the increase has been about 5,500,000 gallons daily, making a net decrease in the Ridgewood supply for the year of approximately 5,500,000 gallons, as compared with the yield during the year 1800.

All the driven well and pond pumping-stations of the old watershed have been in operation throughout the year, excepting when shut down for necessary repairs; for this reason the Spring Creek Old Station was out of service for 2 days, the Shetucket Station for 2t days, the Oconer Station for 20 days and the Springfield Station for 2 days. The driven well stations of the new watershed have been operated as required to bring the total yield of the new watershed up to the full conduit especies from Millharm, or approximately 40,000,000 gallons per day. They were out of service from February 23 to July 5, at which date the Massapequa Station was started, and the remaining four stations soon after, so that on July 25 all the stations were in operation and have been so continued since.

BAINFALL.

YEAR	BROOKLYN.	Ниментико.
190	99:31	25.60
1897	+0.46	46:41
1898	47-96	21744
1899	49177	45.fm
1000	45.01	4041

	α	ĸ	M	K.	ä	H

-	JAMA	at i, agoa.	JANUARY 1, 1901.			
Bessavner,	Depth-	L'onferres <sub>+</sub>	Depth.	Contents.		
Ridgewood, haven No. 1	15:43	35/04/200	16.01	j8,474,600		
Ringewood, fratin Francisco	15.64	harantes.	13 (34	44.553.5oc		
Ridgeward Dator No	15.791	int,773,500	9.27	66,768.goo		
Mond Proquit	10-09	(0)(21)900	11.64	11,639,000		
New Labour.	9.65	3/17/100	m-ba	3,215,300		
Title (City)	NO.	111,132,100	994	174.794.400		
flumpsen,	4.00	91,000,000	3,62	34,939,550		
Timal sweigs.	7000	336,232,840	inne	209,733,400		

It has not been possible to obtain the depth of water and corresponding storage in the New Lois Reservoir on January 1, 1900, as it was not in possession of the City at that date; its contents at that time, however, have been assumed to be the same as on May 1 of the past year, when our records began. A comparison of the storage at the beginning and end of this year shows a total depletion of about 126,500,000 gallons, corresponding to an average daily loss of nearly 350,000 gallons for the entire year. The amount stored in the Hompstead Storage Reservoir on the 1st day of January last is less than that of the same date of any previous year since this basin became an important feature in the maintenance of the summer supply.

During the year there has been laid a total of 52,808 linear feet of 6-inch, 8-inch and 12-inch pipe for extension of the distribution; on these lines there have been set 121 games and 171 hydrauts, details of all of which are shown in the accompanying table. Changes have been made from time to time in the arrangement of the High Service to most the shortage of the supply and canditions arising during the operation of the works. Last spring a connection was made between the Towns force main and the 12-inch distribution pipe on the Eastern parkway, so that the section along the parkway of high elevation could be supplied directly from the Low Service system that the Mount Praspect supply might be reduced to the capacity of one pumble the other was being repaired; the former change resulted in a great and nucl-needed improvement in the service in the section thus supplied, but find to be discontinued a little later in the season and the pressure reduced to the respect to the discontinued a little later made a first part been kept in force, a small portion, however, having been eagant restored to the Mount Prospect service would not be repaired by the Region wood Reservair. After having adopted all passible means of reducing the consumption, such as cutting off the steamboat service, shutting off waste in public schools stopping all fasting displays, and discontinuing street sprinkling, and having practically exhausted the storage in an interface of reservoirs. It became necessary to shut off a partion of the purpose of applying the South Brooklyu section and was cross-connected with the old Atlantic avenue main at Allany a service in February, 1857, each end of the first have a more properly and the supplying the South Brooklyu section. This main was again restored to service on December 12, after being out of service in the Ridgewood service; the parameter of the wind the first waste of the supplying the South Brooklyu section. This main was again restored to service on December 12, they because and the return p

Yelen	Galtons Meriman.	METER KEVENUE.
(185	3/705/174/050	1361,371 01
18/4	4,003,159,750	372/975 55
1897.,	3,912,441,300	415,774 78
18/8	3,957,611,000	384,103 93
(199 <sub>1</sub> ,	4,654,330,405	406,407 11
Total	20,26 (019,653	51,999,937 38

These accounts include metered water at 715 cents per 100 cubic feet as used for manufac thring, together with other water which is metered and used for other purposes; the latter, however, is a comparatively small amount. It will thus be seen that the total meter reading is practically accounted for by the revenue. It will not be possible for some little time to obtain the sommation of the meter readings for the year 1900, so that the comparison for the last year is necessarily omitted here.

At the Mount Prospect Station the Reservoir and Tower Service of pumping has each increased about 190,000 gallous daily for the year and the need of an additional pumping engine for the high service, which has many times been reported upon, has correspondingly increased. Work on the crection of the new steel stack for this station was begun on January 30, and was completed on March 15; this stack is 48 inches in diameter and 125 feet high. A blow-off drum was installed during the year to prevent live steam from entering the sewer and at the same time in utilize waste heat from the traps. The steam pressure in boiler No. 2 laying been cut down by order of the Boiler Inspector to such an extent as to scriously interfere with the operation of the station, and to money being available for the erection of a new boiler in its place, arrangements were made early in the summer for renting a boiler until such time as new and adequate boilers could be installed; this boiler is second-hand, too-horse power and locomotive type; it has been set up in the yard and a tamporary shed built over the same; at the present time the amounts paid and due the contractor amount to a total of \$1,335, or a great deal more than the boiler is worth. In addition to this increased expense of operation, the low boiler efficiency causes a very noticeable increase in the coal consumption. The cornices, roofs, doors and windows of the engine-house have been painted, the grounds paved around the stack, and the Engineer's house put in good repair. The Gordon cells used for the operation of the secondary dials of the Venturi meters have been replaced by storage batteries, which are giving much better results. The new valve plate for No. 1 engine by storage latteries, which are giving much better results. The new valve plate to No. 1 engine has just been furnished and will be put in place at the first opportunity. New grate bars are

has just been furnished and will be put in place at the first opportunity. New grate bars are needed for bollers Nos. 1, 3 and 4.

The average daily pumping for the year at the Gravesend Station has exceeded that of 1890 by about 300,000 gallons. Most of the pumping is done with the old Dean engine, which cannot be shut down on account of the No. 2 engine at this station having a capacity of but 2,000,000,000 gallons daily, the No. 1 (Dean) has to be maintained in service constantly, and has never been thanoughly overhauled since it was first installed, about 13 years ago. Plans and specifications have been prepared for remodeling the building and making necessary improvements in the same.

Thirty of the wells of this station were tested, and one of them was pulled for examination; they were all found to be in excellent condition.

were all found to be in excellent condition.

At the New Utrecht Station the average daily pumping has increased about \$20,000 gallons over that of last year. The steam pressure of No. 2 boiler was reduced in November by the Boiler Inspector in such an extent as to seriously interfere with the operation of the station. A contract has been made with P. J. Donohue & Sons for a new one to take its place; the shell of this boiler will be 60 inches in diameter, and its length 14 feet. The other boilers will probably have to be replaced very shortly. Work on the suction-main for the forty z-inch well, at this station was completed early in the year, and this addition to the supply brought into service in January. The wells are each 35 feet deep with a 5-foot galvanized wrought-iron strainer, covered with brass screens. Under special tests each well was found to yield about 45 gallons per minute when pumped aione. The laterals leading from the main suction line to the wells are about 28 feet long with two wells connected to each lateral. A 6-inch wrought-iron strainer, with foot valve and strainers, was laid from the open well to the condenser and another line of the same size pipe was laid as a blow-off line from the hollers.

The last one of the three new Worthington engines of the Ridgewood Pumping Station, on

per minute when pumped alone. The laterals leading from the main suction line to the wells are about 25 feet long with two wells connected to reach lateral. A 6 inch wrongtd-from sucino pipe, with foot valve and strainers, was laid from the opten well to the condenser and another line of the same size pipe was laid as a blow-off line from the holders.

The last one of the three new Worthington engines of the Ridgewood Pumping Station, on the morth side of Atlantic ayenne, was tested for rapacity and day for ten days, between January 17 and 27, at which time the average duty was 174, 394,383 pounds per 1,000 pounds of steam, and the capacity was 21,041,232 gallions at the normal countract speed, the latter determination being made by weir measurement: the bonus carned by the three engines together, under the terms of the contract, was 833,505,505. St. At total payment has been allowed the contractors of open erent, on Section No. 2, comprising the bodier house and bodiers, 90 per cost on engines Nos. 1 and 2, and 80 per cast, on engine Nos. 3, a new bodier house and bodiers, 90 per cost on engines Nos. 1 and 2, and 80 per cast, on engine Nos. 3, a new formal to the whole plant for the accumulators of segments Nos. 1 and 2, and 80 per cast, on engine Nos. 3, and 2 this been built and the saccumulators set thereon set that they like up with the one as the second set of the whole plant for the purpose of derending the most efficient way of operating the same. The foundation of Engine No. 1 was out newly by the contractors during the year and a new foundation built, the old one baving become landy exacted; small cracks have appeared in the new work uses to the piers, but they are not increasing, and the engine has shown no signs of actioners. Two of the engines of the new formal set of the second second set of the second set of the second second set of the second second seco

on respection by the Folice Teleparation was contempore; this has been repaired and placed in excellent condition by adding two new flues and new rubes; when this work was done the cliculating places were taken out, resulting in an improvement. Similar work to this was done on Nos. 27 and 30 and will shortly be taken up on No. 29. The building used for the installation of the No. 40 engine is very unsatisfactory, and if the engine is to be atilized a proper house should be built. The grounds around the station were graded during the year and when upportunity presents a fence will be placed around the same.

of the No. 40 sengthe is very unsatisfactory, and if the engine is to be affilled a proper houseshould be build. The grounds around the station were graded during the year and when upportunity presents a fence will be placed around the same.

During the year a 7 s to inch Woodbury engine was installed in the shop, where it was badly needed. A new yellow pine floor has also beem provided, and we now have a very good service aduring the year, although a few minor repairs will be required to the one in the south side. New steel shoes were fitted to the curve on the narth side. The electric light plant is too small and overloaded. Flans have been made for rewiring the engine-house on the narth side but as yet no work has been done. Storage latteries have been substituted for the Gordon cells used for operating the secondary dials of the Venturi meters, and the results now obtained are much more satisfactory.

The New Lots Pumping Station, together with the distribution system of the Twenty-sixth Ward, came into the possession of the City on April 9, thus closing the condemnation proceedings for the acquirement of this plant, which has been before the courts for many years. The pumping station equipment was in poor condition and has required many repairs. A wrought-iron stack 52 inches in diameter and 76 feet high, which was owned by the City and proposed for other service, was erected on a brick and stons foundation and the tops gived and four sides with 3/-inch steel wire rope, connecting with it as a distance at about 25 feet below the top. An extension has been built to the boiler house, lengthening it out in an easterly direction about 13 teet; this extension is about 41 feet wide, or the same as that of the old room, and closes in the back of the boilers. The floor was concerted and a door cut flirough from the old boiler room. This work, excepting only the trucking and greation of the state, has all been done by our own force. No. 2 boiler was badly pitted and subsequently was condemned by the Police Departme

The Spring creek plants have been run continuously throughout the year. The engines of the temporary plant have been patched up as required, but should be replaced with new ones, and those of the old plant need considerable repairs. The hollers of the temporary plant have continually given trouble and have been thoroughly overhauled and new smoke-stacks provided. The results obtained with an Anknoptic furnace installed on one of the hollers of the ald plant have not been satisfactory. The easterly wall of the engine room was found to be unsafe early in the season, when two I beams were extended over the boilers to take the load from the roof, and the easterly wall taken down and rebuilt throughout a greater portion of its length.

The one hundred z inch wells of the old station have been pulled up, cleaned and redriven thing the year, new points being furnished in almost every case; these wells are from 30 to 40 feet deep and yielded, after cleaning, about 40 gallons per minute each and under individual test. The 8-inch deep wells Nos. 7 and 8, and the 6-inch deep well No. 3, have also been absured year manned clear, when they yielded about 450 railons per minute each. The adverse dreist on moneral type to coint of Appeals in the Forbell suit for damages in crops using to the operation of the Spring Creek Pumping Station, and the asserted towering of the underground water in consequence thereof, will greatly embarasts this Department in melecaroring to develop the driven-well stations, since it opens up the dears to claimants of all kinds, each of whom ask for large some to reinburse them for alleged similar damage. Anticipating this, a map is now being made of property adjoining the Spring Creek Station, and other data, which will be of future value, is being obtained.

The Shetneker plant was shut down for a short time in the Spring, since when it has been run continuously. A new Locke damper has been provided for the station and the smokerstack painted.

The Coones Station was cleaned and overhauled in April, when the bedier setting was pointed, a new Locke damper provided, and a new smokerstack eraced. In November the plant had to be shut down again at a few lays to repair the furnace. The Scient wells, Nos. 13 and 14, have been cleaned, and their yield increased to goon and 200 gallons per minute respectively; these wells are 194 feet 4 inches and 192 feet deep. The Scient well, No. 13, was pulled entirely ap and driven again at a point 27 feet further back from the main, a new location being selected, as the earth around the old well had caved from the surface. this well, as inished, is 194 feet deep and yielded 450 gallons per minute.

The Baiseleys Station has been operated sixteen hours daily throughout the year. The No. 2 Engli

The boilers and engines at the Clear Stream Station are in good condition, but the air and feed pumps need repairs. A new 2½-inch feed pipe has been laid to connect with the conduit, the old one leaving become stopped up. The coalshed, starshause and part of the exterior of the pumping station have been painted and minor repairs made in the woodwork. All of the 2-inch driven wells, 150 in number, have been pulled up, cleaned, provided with new points and rediriven; they are about 55 feet deep and order separate test yielded about 48 gallons per minute and

each.

In November last the boiler takes of the No. I boiler at Watts Pond gave out, and when they were removed for repairs it was discovered that the crown sheet was pitted to such an extent that the boiler was condemned by the Police Department; it has since been equipped with new tube and a new bottom sheet and is now again in service. When these alterations were made the blow-off was changed to the back and and other improvements begun, which are now nearly finished; it is more than likely that the second bedier is in as poor condition as this was. The remainder of the plant is in fair condition. An end floor has been laid in the engine-room and a Lacke damper regulator installed.

The Smith's Pond l'umping Station pumps were thoroughly overhauled in December and necessary repairs made. The boiler furnaces were relined and new dead plates, bearing hars and Tupper grates, provided.

The Smith's Fond Fumping Station pumps were thoroughly overlauded in December and Topper grates, provided.

The boiler furnaces were relined and now dead plates, bearing bars and Topper grates, provided.

The Millburn Fumping Station has been kept in repair and is now in good condition, excepting only the need of reboring water cylinders. The east side battery of boilers has been thoroughly overhauded and a new set of grates provided. The electric-light plant has finally been put in working order, woven wire brushes baying been substituted for the carbon brushes at the dynamu; it is giving fair satisfaction, but is too small for the service. The east chinney was struck by lightning last June and damaged to such an extent that the upper 25 feet had to be taken down and rebuilt.

The Arawaya, Merick, Matowa, Wantarh and Massayayaa Dowen Well Stations have been

be taken down and rehallt.

The Agawam, Merrick, Matowa, Wantagh and Massapequa Daven Well Stations have been operated, as already noted, and have been repaired as necessary. Three of the Agawam boilers were covered with subestor, new patches made around the water legs and new tubes provided. All of the smoke-stacks were painted with Dixon's graphite palnt and all are in good condition, excepting the one at Matowa, where the top of one has been blown off by the wind. The measuring weins are leaking badly and need extensive repairs or rebuilding. The floor of the Marrick Pumping Station is in bad condition, and this, together with the foundation, will have to be thoroughly overhauled. During the coming spring, when these stations will probably be out of service, the machinery will be put in good condition for use during the next dry season. Fourteen of the 4½-sinch wells at Matowa have been tested and two of them pumped clear and again restored to use; five more have been palled up and the perforated brass acreens on the strainers found to be corroded and broken; the yield of these wells and those at Massapequa and Agawam has fallen off very materially and they will have to be cleaned during the coming season. Frequent complaint from the smoke occasioned by the use of soft coal within the city has led to the substitution in the contract for the year 1501 of broken anthracite coal for the soft coal previously used at Kidgewood and at Spring creek. The contracts have recently been let to Messrs. A. M. Wittenberg and Rudolph Reimer for the semi-bituminous and anthracite coals respectively. This change will result in increasing the expenditures for coal during the coming year.

# RESERVOIRS, PONDS AND CONDUITS.

Mount Prospect Reservoir and Standpipe.

During the Spring the lower joints of the masonry shaft inclosing the water-tower and the joints of all of the walls of the approach were raked out as necessary and repointed with Portland cement; this work had never been thoroughly done since the masonry was first erected and at points the walls were in very bad condition. At the same time the cement walks of the approach, which had cracked and settled, were thoroughly patched and repaired; this work has not proven satisfactory, great difficulty having been experienced in making a good bond between old and new work; to do this work properly all of the old walk should be taken up, the loundation releveled and the walk rebuilt entire. As soon as this was finished all available massins and laborers were employed upon the repairs of the inner liming of the reservoir, additional men being put on the pay-rolls for this purpose; all of the brick which had eracked were cut out, and joints which were opened entirely closed up; this work was carried from the top of slope down to a point about 3 feet below high-water line. On its completion the upper partion was given a cost of sement paint to cover the patches and to harmonize with a cost which had previously been applied; the appearance will probably be greatly improved and the work become more effective it some suitable asphalt paint were used for the purpose. Plans and specifications were revised during the year for a new fence and gate at the approach is the old fence, which work was placed under contract and is now nearly completed; the old fence has been relined throughout its whole length and the ornaments restored in all places where their absence was conspicuous; the new fence and gate at papocach is nearly ready to be put up, the work having been seriously delayed owing to the huancial embarcesment of the contractor, his assignment of the contractor, and the subsection and papocach is nearly ready to be put up, the work having been seriously delayed owing to the huancial embarcessment of the contractor, his as

colors formerly used to brighter tints and making the structure stand out in sharper contrast, presenting a decidedly better appearance than heretolore. On September 28 the inner screen of the inlet to the distribution pipes at this reservour was raised for the first time in shout litteen years; its location is such that it cannot be cleaned nor conveniently raised; it was found to be coated with pipe moss and organisms, the thickness ranging from 3s such to 4s inch, and averaging about 4s inch; there were probably about fifty openings through this moss of an average of about 4s inch in diameter. It will be a difficult matter to properly arrange the screens at this point, except by entrying a very low depth of water in the reservoir and seriously interfering with the supply, but when the work can be taken up existing conditions should be materially changed. The present system of cleaning the arrens with wire brushes and under the water allows a considerable portion of the material collected to pass through the screen and into the distribution pipes; when the system is rearranged, this likewise will have to be changed. At present the screen where trouble was experienced has been pulled up far enough to close the opening, which would otherwise exist, and allow water to be admitted into the delivery pipes without screening, but otherwise it is out of service.

#### Ridgewood Reservoir.

liasin No. t was partially emptied in March to allow rabbets for the screens to be cut in the liasin No. I was partially emptied in March to allow tablets for the screens to be cut in the masonry at the efflux chamber; at the same time 3 box was set in position for measuring the elevation of the water and the gare rods of the ciliux chamber were straightened. A similar arrangement for measuring the elevation of water in the reservoir was placed in Basin No. 3, so that all three basins are now properly equipped for this purpose. In the fall, when the reservoir was again depleted owing to the scarcity of the supply and requirement for consumption, the concrete slope walls of Basin No. 3 were thoroughly repaired as needed. The terra cotta tiling on the roof of the Venturi meter-house, requiring constant care and repair, has been replaced during the year with steel shingles. A new road has been built up the southerly slope of the reservoir, leading past the nextra-house and proving of great convenience. Repairs have been made to the coping around Basin No. 2 and the lence around both Basins Nos. 1 and 2. The heads of the manholes over the gates on Cypiess, avenue have been lowered to the correct arrest grade. The shanty on the south side of Basin No. 1, which was used as a shelter when making weir measurements, was taken down and stored and the wooden covering over the weir removed.

#### New Lats Kelervoir.

This reservoir needs cleaning very badly, owing particularly to the growth of alone. Last summer, when drawing from this basin for the supply of the district of which it forms a part, large numbers of organisms got into the taps of the consumers, causing great completed and considerable suffering. A vertical sir-went pipe has been placed on the force mains to relieve the mains, so that the reservoir may be cut out of service as desired, and plans have been made for connecting it directly with the East New York avenue main and the Atlantic avenue main of the Ridgewood Datribution System.

Hompstend Storage Renevole.

The capacity of the Hempstead Storage Reservoir has been determined from the serveys of 1890 as \$47,000,000 gallons when full. The computations enable of to accurately determine the amount of storage at all important points of our system. The by-pass around the reservoir has been shut off during the entire year, so that all of the Hempstead supply has been utilized; a new coping has been set on the wall of the by-pass intake.

#### Suffly Ponds and Conduits.

Repairs have been made to the upper and lower bridges of the Wantagh Sapply Pond, and a bridge has been built across the weir of the Massapequa Lake. The Hempsted stream has been channed. The work of fencing the conduit lines has been continued and some of the colverts have been cleaned. The stream inspection and patrol has been maintained as usual, and a detailed report made to the Health Department concerning all of the principal nutraners existing on the watershed.

#### Trut Wells.

The necessity of thoroughly overhanding all of the existing stations for maintaining the required supply has kept the force busy during the entire year, so that hitle time has been available for continuing explorations begun in 1804. At Knuwenhoven's, on the Paerdegat creek, near the line separating the Twenty-minh from the Thirty-econd Wards, tests have been made with a view of developing an additional station within the City limits; five 2-inch wells were sink to depths ranging from 40 to 83 feet, showing a maximum gield per well of 52 gallons per minute and a minimum of 20 gallons; the wells have all been pulled up.

### LABORATORY.

The work done in the Laboratory during the year has been as follows:

# Water Analyses.

TO SECURE AND ADDRESS OF THE PARTY OF THE PA	AV MELT _MANUAPAPE,	
Number of samples received	***************************************	2,707
Physical examinations.	***************************************	1,404
Chemical ambase testal	*****	610
Microscopical examinations	***************************************	703
Bacteriological examinations, quar	ntitation	763 853 2,574
Bacteriological examinations, qual	itative	2,302
	100 mm - 0 mm 1 mm	_
Coal samples tested	**************************************	51
Applied and the second	********************************	43
Roder scales analyzed	combotron contract consequence becomes assessment for	7
Bricks tested for absorption		.3
Boiler compound analyzed,	111000 10000000000000000000000000000000	1
	Well Wahre	

The wells on the new watershed have increased slightly in albuminoid amounts and free amounts, but they are all of excellent quality. The deep and shallow wells at Jameco have contained less chlorine but tather more from than for the past two years. The water at Shenneket has slightly deteriorated, although the change is less marked than it was in 1800, the average of chlorine for the former year kaving been 246 parts per million, while during the last year it was 230. At New Utrecht the quality has been more influenced by sea water than at any other station, the chlorine increasing from March 2 to April 9 from 14 to 50 parts per million, between April 9 and October 2 it ranged from 47 to 80, and on November 17 it reached 120, since which time there has been a slight decrease. The water from the New Lots Pumping Station is characterized by high nitrates and hardness. The most important organism present in the well waters during the past year was chlamydomonas, which was most abundant during October, but in general the organisms have been less abundant than during previous years.

# Surface Waters.

Most of the supply points in use contained but few microscopic organisms, and these not in large quantity. At Hempstead storage reservoir the organisms have been more abundant than during the two previous years. During the summer and autumn months the water contained several thousand melosira per c.c., the maximum occurring on October 15, when 10,320 were present. Eudorina, pediastrum, scenedesmus and clathrocystis were also shundant. In Baiseley's point clathrocystis has been present in greater quantities than in previous years, the aggregate number reaching \$8,000 standard units on September 28. The same geographical distribution of coli sommunis was observed [as during 1890, the largest number of positive tests having been obtained in Hempstead stream and Springfield pond. A comparison of the results of 1900 with those of the previous year in the former location is as follows:

		r, of Post- Fests.			r. or For- lests.
	1899.	1900.		1800.	1500.
Jackson Street		2)	Intuke of by-pass		20
Franklin street	37	46	Storage reservoit		10

The seasonal distribution of the positive tests obtained in the supply ponds is shown as follows:

		Tears.		Par Cun	t. of Posi- Trate,
	1829.	1900.		1899.	1000.
January	Que.	212	July	25	ir
February	8	**	August	8	4
March	23	9	September		11
April	30	10	Dotober	4	
May	31	8	November	žá	*8
June e	11	10	December	- 2	3

Distribution Reservoire

Birtribution Retrieved:

The apply matching the Ridgewand litelity has been the station from in previous year, and the vaporable ratio has been tess marked; the order ing been about the same as weak, rarying from 7 to 32, according to the rainfall. Offers of decomposition have been in ordering the same as in receipt years. Others, due to micro-opic mentations, however, have been note numerous than usual on account of the greater about members and other organisms in the Hempstead storage reservoir. Chemically the water entering the Kidgeword reservoir has diffused for little from previous years, chlorine being somewhat higher, especially in the water entering basin. Now, cand 2. The number of bacteria shows a great increase, due in pour to an extraordinary development of bacillos ochracous in Simonson's pend during April; this organism is non-pathogenic.

Gardanisw.	Bindswood, Bank No. 7,	REMANDENCE S.	Ringawoulij Basiw No. 3	Мт. Гвозгест
Asperiorella	10,300	3,00	1/190	ra, gro
Cydon/la	1/841	A486	Yellow.	1(9)
Melman	6 No.	9,000	1,16	0.0
Specifica	5/111	±840	14,510	24/490
Distription	list		300000	1000000
(Vialonia	********	receive	3444-0-	(3),810
Classocyation	*******	111111111	1111111	t/a

The physical condition of the water in the distribution system was in some respects better than during 1808 and 1809; this statement applies particularly to the other. The stating is after in notifier accompanion of the chemical analysis with that at previous years is the increase in the former. The nature opic organisms showed a decided increase, but the former briefly opicions of otherwise arguments. The lacture also have been higher, due in part to the already matrix burrane at Simon on 's panel. The percentage of samples that gave positive tests for collections and greater than either in 1808 or 1809, but at so time were the bacillism abstract to tap nature or during the Spring of 1809. The increased number of lactures during the year was malloudedly that to the low stages of the water in the brooks.

Private Supplies.

The applies of the private water companies in the borneghs of Brooklyn and Cheene have been sonly red as hererofore and present as important differences from those previously recorded, at Station No. 2, of Long Island City, the chlorine L2, increased from a maximum of 07.2 paraper million, is thou to 444 during the past year; in 1808, however, it once canched \$50 parts. The norther have increased greatly at Station No. 2 of the Citions. Water Company, and at the choice have been bound a monthly odor. The filter plant for the protoval of four from the supply of the Corona County Water Supply Company at Far Rocksway has continued to give satisfactory results.

Cement Laboratory.

During the year one of the basements of the Mt. Prospect garchiouse has been fitted up to the testing and configurate of expect; this mean has been called a yellow ping and a concrete and common than look. A available has here can through the notative well, with an area built so as to higher and renthance to near, and a shorway built to connect it with the main entrance to the multing. The room has been superped with three large constone man, a wink, wash-built, builting table, setting table and moist closer, and it is so arranged that the expectity may be easily doubted when desired. A Fairbanks' a cooppound using machine, with man resonn attachment, has been bought, together with a complain outlin for making the physical least. The work is very nearly completed and will be ready for use whenever required,

WHERE FOR IMPROVING AND INCREASING THE SUPPLY.

The November 24 last a detailed report, or which copy is appended herein, was presented, the maint the different recommendations that had been made for the improvements and extension, required to the proper maintenance of and addit a to the supply, and the action return of the proper maintenance of and addit a to the supply, and the action return of the remainder. A list of the proposed improvements has also been given in the Annual Report for last year.

On October 1 had more opered for the mechanical filter plants for Haiseley's and Sumplied pools. The original estimate of cost for these works was \$137,500, and determine how and to \$150,000. Owing to the last of competition, however, the prices work were not revealed and were rejected by the Commission. The hid of the New York Continental Lewell following Company was \$198,317, and that of the American Ulter Commission of the A

On November I fields were opened for the 48-inch pipe conduit from Millham to Spring \$950,100 00

Creek 7 ix 501 for this were received, ranging as follows:
Thilemon-Smith Company
Narmo Construction thougany
W. V. Granford
India McNamue
William H. Manterson 926,425 11 970,976 \*5 075,553 50 918,621 \*\*\* S70 307 00

The contract was awarded to Mr. William H. Masterson, the lowest bilder, but has not yet been contract to the temperature. No other armon has been taken during the year to authorize the construction of the central bills on any other of the improvements required. Surveys have been controlled and Masterson, and its proposal storage reservoir on that wastershed, and a survey of the less Masters was appeared to the proposal storage reservoir on that wastershed, and a survey of the less Masters was appeared to the proposal storage reservoir on that wastershed, and a survey of the less Masters was appeared to the proposal. Additional surveys have he a made at least 17 feet 17 feet, supplementing those made in 1807 and 1808; the proposal distribution to restrict the bone both and preliminary estimates waste of its expacity and the surface of the control to the bone both and preliminary estimates waste of its expacity and the surface of the control to the control to the proposal. At the Millbarn Reservoir examinations of the slopes have been control to relate the proposal. At the Millbarn Reservoir examinations of the slopes have been control to relate proposal. At the Millbarn Reservoir examinations of the slopes have been control to relate the surface of the slopes have been control to relate the surface of the slopes have been control to relate the surface of the slopes have been desired the prol year. I repet to reservoir purposes, and the required repairs.

Any alici horses or this slam and specifications for making the required repairs.

Any alici horses or this slam and specifications for making the required repairs.

Any alici horses or the slam and specifications for making the required repairs.

Any alici horses of the slam and specifications for making the required to the construction of any second of the surface of our surface of the surface of

Summery of Account Date Commercian for Each Month for Each System, 1986.

Maryn	Harpeyoro Low Strving	Min vy Imperate Inter- Statistics	PLOSTE Y History Suntre	Historian System	Second	New Linearity Stripts	Mau Taire Svetau.	TOTAL SUPPLY.
Linuary	THE REAL PROPERTY.	109.07	1919009	47,01,007	aphysical	5/800/217		30 000,000
February	TOTTOWN	£2002.00%	duri	Nathania.	5,495,250	3/873/450	201 1000	UL 875.485
Marshining	70.0400-00	ayuda.	#-296US	WWW.038	Samuel	Samuel	*****	workly
April 1222	75/97004	Litroine	SHIPPET	87.475.001	2 milen	1,850,475	nonel i	10.777,700
May - 11 100	SHOW	addyman.	4-1720010	malagang	7-376-07	11000.80g	5201.801	16110381
10m.	814311073	Wilderen.	+ 1050410	oposidas :	Adolesa	SAULEY.	1/81/10	0000000
Into	Rosenty	3,000,000	nation.	(0)/44/692	Jetritox	19195-794	Emport.	00/9090
Aymur	89/11/2011	Eastern C	2.770,005	10/0gafx	9707794	Section.	2019/4/20	10. Depart
Approal ter	Watchert.	Augustines	3.090755	Myres, pro	1/10/2003	53,0002	L117/427	virthing o
Hadel	positions	THEODINE.	1016015	16,7(9,10)	34000	9/2/0/11	1/6/1/112	31,799/10
To Washier	Formal	Efficient	1075415	886.501.3V	35,924,850	W, (45,7) 7	7/447/113	19/11/16
Higgshill	\$5.088(FF)	Spheres	8,005.00	52-417-718	1/851/983	1/4/9/55	911407cm);	43,0 9.39
Asserted they	77/2016)11	Aug.50	3047,790	On principly	e,670,197	1.0421040	41784,004	93/69/121

Number of tags in one January 1, 1904, 112(7)8:

Depth and Quantity of Water in Storage, Ridgemond and Mount Propper Reservans, and Average Amount Pumped at Ridgemond.

	Stone	OR RESERVOIS.			Romawood Mass	Taure.		Motor Do	OVERT RESERVOIS.		
iga.				DARRYS JOSE T	White you	. Ve	(10°200) g	No.		U.S. GALLOSS.	
	Average Depth.	U. M. Gallons	Average Depth No. 1	Average Depth No. v.	D. s. Gallon.	Average Depth	D. 5 Gallons.	Depel.	U. S. Gaillons.	Ringewoon,	
Junuary	6.04	80,096,000	12.30	tinist	52/11 Gam	FR-10.	78/9/05/00	ac.85	20,136,200	86,557,013	
February m	7.98	119,557,000	11.99	31.07	104,100,800	19:34	97,340,000	31+17	20,838,000	80,948,210	
Morefi	11.50	329,417,000	9.60	ating	100/10/70	15,000	111/2/2/400	24 50	30/340/700	20,195.703	
April reservices and accommendation	19.95	37.h 394,060	14:49	17:79	100,000,000	197-012	275054600	90.99	20,093,000	18,133ay0	
May	80.08	Arganyayon.	16:07	18.53	141.893.790	19.50	teshiram	10.40	19,460,800	88,7165,364	
June.	61.53	337147311101	18.59	11.17	139,762,800	19.00	127/191/2019	141.89	10,060,300	80, 171-393	
Tuly	9730-	214,029,000	3,010	1118	9/1/01/9/300	10/03	fill of physics	81.13	90,452,900	88,211,977	
Augus	6.70	115/045,000	12:77	12.38	00,1484,60	9.11	fig.slayton	20.46	79,968,400	89,077,529	
September	3/48	34,840,000	Stor	7 86	57,747,610	6,72	47,973,5mm	Wn 39	Toyl my man	83,102,080	
Desaluer.	1.40	31,486,001	7.84	9,10	10,781,000	rett	8,260,600	21.16	20,486,100	79,405,18x	
Summer	7.61	34,939,000	7.71	7.15	25,010,000	0,15	6,842,500	92.25	24,114,00	80,105,511	
Describer	3137	141277,000	\$1160	11(3)	# 161 <sub>/4</sub> 00	\$ 99	4a.e6cam	91.58	wn,q/3,500	86,099,685	
Avitage	7/39	142,843,000	34.50	33/19	95185464	(= 39	70,6-23,000	20.70	20,031,800	86,755,480	

Monthly Record of Rainfall at Brooklyn and Vicinity from 1891 to 1901.

VEAR.	JAN	Fem	MARCH	Armt.	MAY	June	Juny.	Am	SEFT.	Oct.	Nov.	LIEC,	Tural.	REMARKS	
	Tarfine.	Inches.	Inches.	Inches.	Inches.	Inches	linher.	Inches.	Inthes	Inches	Inthes	Inches.	Inches.		
figure communications	5-75	4.00	-4- m	3.751	3+19/	0.30	1.75	2-10	- 45	=.0)	0.10	2.35	10.95	Record taken New York Signal Ullo	se.
Mythodorna in transport	120	0,40	4.00	3/00	3.80	3.60	10/31	1.81		11,63	0.20	3-10	37-51		
16/2,234,000,000,000,000	100	7.86	4.54	0,24	4-03	FUN	9531	3-94	# 85	3.26	1,46	5.96	52.38	#	
fig	3.169	4:31	3700	1193	9.70	# 5X	1590	1-70	7 =	3.05	sel -	5,00	40.42	From record taken Advish) Anadem	y, limitiyi
(808)	9490	0.76	21,00	\$4.30	2113)	0.77	4.03	3,81	cay	4:20	145	34(20	36.48	Breard taken Municipal limitens,	Hrzoklyn.
Myk	nugli	5-83	2:61	rgo-	9-10	0.04	3:19	0,05	3:91	2.25	£170*	1.50	30 61	180	
Option and the second	gest.	2.69	2.35	1.00	6,44	2,68	10.00	9.07	1.53	10.00	4.40	4+63	45-50	94	
dylamico controlocomico (gi	3/07	4-73	2.96	1.01	fi.ng	6-17	4/80	9-46	100	3-35	17.59	9-03	49.00	SAP	100
d.g.,	3(73)	3/74	6.00	1:89	F-16	4.24	7.08	4.45	V-1	4/10	686	1.08	49.11	AV-	u
(900)	4.00	2-33	3-76	2.88	4.00	2007	4-94	ocu	D-05	3745	4:05	1100	49.01	-Ai	ш

TOPOL

2570. 40.00 31.30 9300 31191

NA.	onthis	Record	taj li	dinfall	at He	mgh Te vi	d Street	ge Alex	mour.	from 1	Sor A	1001.		Vene	Jan.	Fan.	Man	Ago	May-	Frience.	Juny.	Arm	Sulta	Otto	Mass	Date:
YEAR													Total	rag	Inches 5:08	Limber 5.55	Inches.	Inches.	inches.	Inches.	forbes. 3-37	Inches.	Inches.	Inches 3.47	Inches State	Judo-
	Landow	Tarolon	Two fee	Teacher	Freton	tichic	Contract	10.00	Ivorb-	Trailor	In Re-	Tacker	Inches	Ayb	7/10	7:04	4ste	1:42	3.01	5+01	1.75	3.19	363	0.16	0.01	n.gk
i#ar	A:AT	3.28	3. 0	1,64	2,00	5.68	9,00	6.10	3.0i	7-47	9,35	3,68	39.13	t897	2137	8174	911	1 1-11	4.04	31.17	11,66	4.10	3.33	high	300	+10
rdoi	2000	1.05	4.37	201	1.21	1.77	1.60	5.0	2.71	0.40	8.00	1.00	37.75	1898	4,32	3,22	7-45	1.79	16:00	9.77	5-43	4.83	1600	(3)	Aure	oug!
.80	1.00	4.57	4-91	6.70	4.10	dell's	1.01	4.09	and.	5-45	0.58	2.52	20.62	1800	4/91	5.01	7-70	7-47	1.79	2.41	\$107	3/39	3.12	9.95	2.39	1.10
Ort -	9-79	3.50	7:27	2174	Bell.	100	a El	0.50	400	7.01	3 33	4.70	36,88	1000-1-1-1	3 - 4.5	5.04	RITT	1.87	4.88	2.98	41/90	3.45	9710	3.22	4/17	21.00
matr - 1	b-sh	3.20	1127	=174	\$817	- wich	(C.E.)	me5	404	7.01	3.33	40.70	30,10	*dog:1:1:1:	0 > 4.5	3.04	211.5	1	4,44	1000	+000	2,15	316	1		

# Water-mains Laid, Gates and Hydrands Set, to December 31, 1900.

	YEAR	lp-istalt	30-14-(11)	Section 18	que tempe	MANCH.	24-10/CH	FEHNCH:	\$6-180.31	Bassen.	6-dicm	4*000.31	TOTAL MODEL
Warre-malos Lable													
Total to Divinaint at	1807	100 1975	11/10	19,766	2 12,000	334114	21/3/2	155,391	19,601	597/799	1/19/000	85H FP/5	371.911
Isariae	1600		110000	*****	*****	1000	DOME	521	30000	6an	),659	499-5	1,010
Hatrian	1860		117171	mee		19,02	144441	20,435	*****	47,115	930	0.00-5	Marks
During	10%			101111	17,1767	omise.	21000	24.449	1481.89	lio/age.	4,157	(927)7	grooms.
Total 6-0	1-1-	99,970	ye, har	19.119	7 17,000	45,667	2,139	391,000	19,600	F77 813	177745	16/3/3	(4154)
That milles	ini	78 ng4	705744	9-445	25.059	9.00	11.10%	50.755	3/712	148,470	Tetropi	40473	6.6,716
Service Histories No.													Homeson.
Total to Describe approximation	18077	11	17	NO.	180		7	439	7	gsi	100	91	háts
Daging,	188	Cons	-0.00	211119	20000	1000	3400	2		H	1	70000	12
Direction	200	Euro	500.0	min	20120	34	20200	203	e minie	101	fo	49.000	15)
Durine		1001	-41.1	111200	90001	*****	111116	93	191614	- by	33		310
Tell,	100	No.	17	P)	1Po	23	1	493	7	1,13	3,119	28	-0,76

More in Car December 31, 1990.													
Same	5,540 K.	rf-Iron.	s-Linch,	y 15-Fredr.	s-Inch.	3-Inch.	+Tords	z-Amth.	to-Incfi.	Tokat.			
Cown (10) (15 person to provide a 1000)	718	-167	N <sub>D</sub> I	68	avg	2.3	43	4	10	1,281			
Wardimming	175	'99	-199-	8.01	<b>अस्</b>	ro	33	-	1	319			
Тамирия	400	Ste.	1101	90	-45	20	999	7	40	700			
Fraism	101	we	31.	910	19	*	.0.	9		306			
848	94	7	10		i a	(7)	70	37	100	63			
Liens	7.	70	- 4	-00	100	95	4.5	6	1	190			
Henry,	46	10.0	100	3.0	-1	40	x x x	20	18	21			
Morethoways	10	R	9	P	*1		a a	90	10	10			
Pinkara a a a a a a a a a a a a a a a a a a	1,000	11/5	:84	247	480	135	145	17	1	3,400			

Meters Set during the Year typis.											
Name.	Wilson	Ac facts.	1-Inch:	145-1ach.	w Inch.	y-fractic	+ feeds.	to footil.	Total		
Worthington	6		8	10	24.	-		1	20		
Crown consequences and account of	Ju	Ť	18.		4.	-9.00	ž		18		
Этоприо	199	48	100.		10.	3	7	-11	345		
Tridant	80	-19.	37	3	n.	ā	- 0		340		
Nadv	10		7		1	+40		-	-17		
Gem	ri	10	**	14	T.		2	75	3		
Total	100	160	73	10	46	tu.	31.	1	60		

# Showing Number of Permits, Repairs, etc., from October 1 to December 31, 1900.

			1.	EARE I	ss Tours	unate	18K1			rutrums	Is Re-	red by	DE.	cted	r Viola-	Esten-	My and lings.	Cement	s Repaired.	ng Per-	Legito-	on the	A Plac	it fa-
1600.	a feeds.	Paterin.	8-met-	ns inch.	at-inch.	zo-inch	35-meh.	45-inch	Total	Drokon - hr Repaired,	Fire - hydrants paired.	Leals Repaire Inspectors.	Premises Cut	Tags Inspect	Complaints of fions.	Permits for sion,	Permits for Old	Permits to Sidewales	Stop cocks Ik	Street Opening	Special and form Tape	Accommodati	Dista Tap and Became,	Special Was
Outder	÷	m	5	1	ēc	38	316	3	28	34	370	44	¥	939	374	35	264	235	59	tra	4	-F	4	
November 2011-1011-1011-101-101-101-101-101-101-1	34	6	2		1	90	14	96	14	9	632	98	11	244	467	int	147	18	16:	913	T	000	7	
Hegember	1	£E		3	14.0	-11	1	44	17	63	196	48	S	196	буо		314	10	8	314	- (1)	8	14	
Total	2	30	ii.	3		**	t	r	59	to	3,498	130	25	589	Fr461	221	415	***	65	1,131		1	-1	

Meters in use December 37, 1899	14985 135
Testal	3/5/1
Meters in use December 21, 1900	3,4/10

\$3,017 91

In January, 1901, the Board of Estimate and Apportionment authorized the for increasing the water supply of Brooklyn, as follows:	ssue of bonds
For lands required for 48-inch conduit, pumping stations and storage reservoirs.	\$300,000 00
For construction of storage reservoirs	1,200,000 00
For improvement of pumping stations	200,000 00
For coal houses, etc., at Millburn	100,000 00
-and the same are now before the Municipal Assembly for their approval.	

For coat houses, etc., at Mulburn	100,000 00
- and the same are now before the Municipal Assembly for their approval.  The following are still before the Municipal Assembly for their action:  For improving and repairing Millburn Reservoir.  For pumping engine at Millburn.  For laying small mains.  For condemnation of the property of the Flatbush Water Company.	\$500,000 00 75,000 to 250,000 00 750,000 00
For condemnation of the property of the Flathush Water Company,	750,000

All of these funds are immediately necessary so that work can be started in 1901.

BORDGE BY RICHMOND.

SUMMARY HE EXPENDITURES FOR THE QUARTER ENDING DECEMBER 31, 1900.

Contingencies
Pumping Stations—Salaries and Supplies
Salaries—Other of Deputy Commissioner \$79 95 1,471 34 1,466 62

SUMMARY (	OF	EXPENDITURES	ROK.	THE	YEAR	1000.

Contingencies. Pumping Stations—Salaries and Supplies. Salaries—Office of Deputy Commissioner.	5257 27 0.961 18 0.241 48
	\$13,459 93
Average daily consumption during quarter, gallous,	84,242

Ten thousand dollars has been obtained to place four new driven wells. The authority for doing the work is still in the Municipal Assembly; the plans, specifications, etc., for some me now being made.

Until the wells, etc., are in working order and the increased supply from same source, no extension of the mains should be made, or additional houses be supplied, the pre-cal supply only being sufficient for the present consumption, especially during the summer months.

Respectfully yours,

G. W. BIRDSALL, Chief Engineer.

#### DOCUMENT "C."

WILLIAM DALLON, Esq., Commissioner of Water Supply:

DIGH Sin-I berewith transmit a schedule of the charitable institutions which have been marked exempt during the year 1900, in accordance with instructions received from the Counsel to the Corporation 1 also a statement of the amount of revenue derived from Croton water for the year from January 1 to December 31, 1900.

Charitable Institutions which have Applied for Exemption from Charges for Croton Water, under the Productions of Chapter 852 of the Laws of t896 and Section 905 of the New York Charter, which the Comusel to the Corporation has Advised are Entitled to Exemption under the Act.

facrowns.	Encarios.
little visible Day Nursery, by advice of Corporation Counsel on letter of Commissioner of Water Supply, Jime 2, 1900	No. 77 Attorner atreet. No. 508 East Sixth street. Nos. 306 to 306 East Twentieth atreet. No. 316 Lexington avenue. Nos. 21 and 33 Bleecker etreet.

I have the homes meaks submit a statement of moneys received for the year ending December 31, mass, and placed to the credit of their respective accounts with the City Chamberlain, together with the amounts returned to the Bureau of Arrears.

#### TOTAL RECEIPTS.

	RATES.	PRINCIPALITIES.	Toyat.		
Quality and far March 312.	A.W. de Be	27	40000	China St.	ober 5, 1841, y 1, 1845, 10
I inne way	Sall, utiy tis	\$2,040 53 2,018 po	\$50,528 40	-99	z, 1844.
0 0000 F 5	006,041.05	5/141 40	626,344 95	1	1/ 1645
" Desemble is	199.795 An	0.097 fo	999,184 48 109,502 18	- 0	2, 2840,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$1.874,433 os	\$13.197 Bo	\$1.Playero Ro	**	z, zgari
Widow Magaziniani,	1 11 110 2		-	aî	2, 1849,
Manus Contains of Riverdale and Exclusive of Steamhout				Weam In	4, 1849, 10 numry 2, 1850
Omarior militing Marsh-to-	1678,018 83)			**	1, 150
· Janu 3v	186,964 46		***************************************	-	1, 125
··· September ja · · · · · · · · · · · · · · · · · ·	#91135y 7F	3000000	\$1,015/084 84		1, 185
" Demolièr procession accomment	10,703 14				2, 285
Hirmigh Meter-					2, 200
Quarter cooling Matrib preserves servers servers servers	May bee			"	77 189
ium processor contraction contraction	105,396 till		15.137.00	+	1, 189
" September 30 )	-mta. As			11	By 349
" (American 17	1,041 66 [				1, 185
—unimat Meters—					1, 186
Quality entiting March (Transcription Constitution)	\$58110g no_			- 11	1, 186
" Jame Sayara Carrama Carrama Carrama	W#188G 90	- Charmon	317,407.90	40	12. 136
" Deplember process process consensus	18/100 40			1000	z, eBő
Thompson at management and a	±6,610 10 ]		ì	**	17, 180
Hadding Pagers	300000			- 11	1, 186
Quarter trailing March 31	\$8,011 10			-11	Z, 180
· (iii) paramanananananan	13,482 94		43.240.64	н	1. 186
" Septimber 5111111111111111111111111111111111111	9/13# 49				1, 186
O De-ember 30,,,,	There end				21 286
Permits tomody (1916-	}			- 11	2, 259
Panny, Hollars, en.	- Constant		9	From Ap	rd m. 1876.
Quarter ending Murch processing and accommendation	M3 35			300	11, 1871.
" JUNE MILLION CONTROL	726 25		2349 96	**	20, 1872.
" September 30 annual conscionant constitution of	Reg etc.		10.00	*	30, 1173,
" ) (Occumber grassessessessessessessessessessessessesse	311 36)			1000000	mary 1, 187
Permits biomed, eys.				1.00	1, 187
Hourse emiting March grands are a services and a service a	Ton again				z, 183
" Jane pr	7,143 80				1, 187
" Syptember 30	3.896 ur	***************************************	90,247 91		1, 187
1 Mounder 31	Dog m				4, 187
Permits record, 752.	1,100 11-2				1, 188
Smut Sprinkling.	3		64079/204 88		z, 288
The state of the s				000	F, 188
Justice station Marco processing and a second	300000				t, 188
" September 20	\$14,000 cm	*******	98,000 111	Gr.	r, 188,
	4			198	1, 188
	-territori I		00		1, 1886
Manufacture and contract to the second of th	********	*************	4,407,304 88	**	r, 189;
Meter Setting Fund No. 2.					r, 1886
Quarter milita March (1	Survey 1				k, #286
- (WWW MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PA	*******				1, 1890
September granters and a september of the september of th		-14781011	0000 Oc		1, 1891
Described all constructions of the contractions of the contraction of				140	1, 1890
Yapı.				- 271	2. 2Tigo
Outster smiles. March process consists a consession	division and			-004	3, 3899
" Jone	\$2,281 50				T, Tdg;
7000 0-1	3/91 8*	1111-021	10,881 00		1, 1896
	2,600,00				1, 1697
	agte mi)				1, 1898
Parame (saint), s, just			115 5 - 24		1- 1800
Tabal amount officered in this officer			4, 418,125 80		4, 499

Returned to Bureau of Arrears— Regular rates, Meter measurement	\$237,452 15 325,389 94
	\$562,842 00
Number of meters placed from January 1, 1900, to December 31, 1900	645 36,713
Revenue for 1900	\$4,407,204 88 4,178,005 77
Increase of 1900 over 1899	\$228,290 11

All of which is most respectfully submitted,

Very respectfully,

WM. G. BYRNE, Water Registrar.

#### REVENUE.

		Sharmentol Arrests of Warre Bears Restricted to the Comparison Collector of Arrests of Arrests of Arrests	TOTAL REVANUE
From October 5, 1849, to May 1, 1845,	Fig. og j	hateful mar	\$37,933 74
From May 1, 1845, to May 1, 1844	24144 50	1417141.00	Strate of
" 1, 1844, " 1, 1845	117,227 85	1-111-019	117,817 86
" 1, 1845. " 1, 1847	1(D00 11		31 (yaoo. 52
" z, zžąt, " z, dąt,,	***********		103/346 FG
* 1, 1845, * 1, 1849	25/01/01 A1-		111/681 3X
4 4, 1849, 10 December 31, 1849	FE9/832 95		239 5/2 97
From January 2, 1850, to December 31, 1850	447,051 87	1111 -4311	Adhen By
" is there " production	458-789 (0)	1 65,370 20	185 (61 (8
** 1, 1950; - 31, 1551(1) ( )	stitute at	DARK M	ft-0.756 eg
" 1, 185]. " pt; 1653	350,091 W	90 1J0 86	851,251 86
" 2, 2854, " 21, (8)4 " 1, 7872. " 11, (8)4	Autralo 81	35/37 45 49/38/ 14	711,703 all
" 1, 1880. " 11, 1850	790,077 70	59,09± 46	835,951 41
H 1, 1857, 11, 1857	143,156 35	39,494 to	880,847 91
0 5, 1610, 10, 1016	840,928 08	0x89x v=	yer, Byr. oa
11 h, 1856 10 ht, 1851	355,266 Ay	25,410-00	910,076 52
" ), 1860; " ja 186	868, Na. 58	allows as	910,541 19
" 1 <sub>7</sub> 1861 <sub>1</sub> " 10, 1861	Rg1,130 81	10,8 JUS	946.867.89
** 1, 1864, *** 34, 1662	Nov. 89 81	61,736 43	610,699 ==
" 1, 1803, " 11, 1803,	680,031 06	A56331 11	1,031/364 17
" 1, 1865. " 31, 1865	1,006,191 77 1,006,772 40	\$0,536 HI \$9,438 75	1,100,431.24
" z, 1800, " jz, 1800	1,125,505 16	10,000 AS	T,150,825 (6
H 1, 1869, " \$1, 1807	v.mr,dee 30	45,00T 05	Yaqolydan qs
" 31 3889) " 33, 1888-11-11-1	\$1119,000,00	mail is	6156519 10
" 1; 1869, " p; 1809,	1,315,670 13	39,511.13	1.355.500.18
" 1, 1870, to April 9, 1870	27.641 05	49/455 80	146,792 55
"rom April 11, 1829, to April 10, 1871	1,396,363, 39	51,221 34	1,347,607 119
" 10, 1871, " 10, 1872,	1,353,501 30	45,000 1.5	1,413,019 74
" 30, 1673, to December 31, 1673,	6439-349-39 7,356,838-41	50,660 mj 48,430 m	1,400yoog 54
From January 1, 1874, to January 1, 1875,	4,477,977 05	57,741 18	1,534,908 44
" 1, 1875, " 1, 1876	1,414,286 yr	26,652 10	saroqual Se
" t+ +83%, "" t, +877	1,428,281 00	67,677 50	1,545,458 50
" z, 1877). " z, 1878	1,470,329 63	20,641 21	1.540,970 81
" 1, 1878, " 1, tllgg	1,636,500 ag	60,219 35	1,675,728 64
" 1, 1880, " 1, 1881,	1,618,710 30	75,043 09	1,094,765 59
# r, 2881, - r, 1880	6,560,398 57 6,510,791 77	69,633 70 93,552 56	1,630,098 27 1,604,344 35
" Ty \$489; " () \$889	7,547,183 25	100,743 81	1,141,997 of
** t, 1883. ** t. 1884	1,86y,518 g6	169,558 61	9,039,977 57
" r. 1884, " 1, 1885	1.085,120 30	164,680 55	2,250,018 67
·· 1, 1885, ··· 1, 1886	2.124,417 83	127,041 07	0.239.452 50
" t, 1886, " t, 1882	4.143,794 61	165,495 18	0,509,017 79
" r, 1897, " r, 1858	E,514,343 9E	151,043 30	2,668,387 **
" t, 1888; " t, 1889;	2,417,062 00	149,100 25	2,587,062 91
" k, 1889, " r, 1890	2,544,650 by	217,401.27	2,782,05t T4
" 1, 1890, " 1, 1801	3,036,158 86	304,869 38 441,679 69	3,497,848 33
# 1, 1892. # 1, 1893	3,002,047 23	676.764 GI	3,275,411 36
" 1, 1593; " 1, 1894	7,590,357 88	238,162 25	3/94/1/200 13
··· 3, 1894, ·· 1, 1895	3,163,796 16	4 Z 1,880 57	3,799,679 113
** 15.1895; ** 15.1896	3,591,840 04	409,4% 64	3,930,3cm 86
- 4, 1896, " 1, 1897	3/793/375 44	499,806 ts	4,091,181 33
s, 1897, to December 11, 1897	3/817/517 20	gest, sing tio	4.331.485 36
" 1, 1898, to January 1, 1859	4,005,508 07	438,850 mi	4.454.357 17
" 1,1800, " 1,1900	4,478,005 77	202,842 og	4.741,747 86
a a a a a a a a a a a a a a a a a a	4.497,924 58	*********	4-407-and Bit

# DEPARTMENT OF HIGHWAYS.

DEPARTMENT OF HIGHWAYS-COMMISSIONER'S OFFICE, NEW YORK, July 19, 1901.

Supervisor of the City Record :

INDAR SIR-In accordance with the provisions of section 1546, chapter 378 at the Laws of 1897, I transmit the following report of the transactions of the Department of Highways for the week ending July 10, 1901.

Respectfully, WM. N. SHANNON, Deputy Commissioner of Highways.

			ľ	юкопсия.		
		MARHATTAN	тиш вибых,	BROOKLYN.	QUILLENS.	ненмика
Public Moneys Reco	sived during the Week.					
110000000000000000000000000000000000000	Water connections, openings	*******	175 co.	\$307.00	#18 co	71.771
For restoring and re-	Sewer connections, spenings	********	18 m	905 00	no da	
basing baselingers	General account	1949 37	SHARE	AUGUST.	George.	
For redemption of ideas	ceriori saind	88 50	a bedesire	*******	4****	****
For sault permits		8,932 By		12 20	211111	*** **
For shed permits		17 co	district.	nean		******
For use of amount offer,		rinini.	6 60		19996	*****
Tatal		\$9,901 ta	£170 05	\$595 90	\$74 00	
Perm	its frewed.					
Persons to open streets	, to tap water-paper	)	( 13	48	ioex-	
Permits to open streets,	to rapair water commences.		10	71	4.	17
Fermits to open streets, to make newer connections.		70	1 0	45		1 2
Fermits in open streets	to repair sewer conseillons		×	33	0	*****
Fermits in place mildin	ig material on Armelia	90	3	10	*****	3
Permas to construct sire	es vaultronnon		Janear 1		******	*****
Pernous, special	amining annume	300000	0.0	121	28	94
Permits to construct she	daire dissertations	2		******		211112
Permits to creek awning	Bern territoristici (1911)			3	*****	*****
Permits to cross sidewal	BELLEVI A CONTRACTOR AND CONTRACTOR AND CONTRACTOR	16	9.1	àù	4	
Permits for sulavays, aid	am-mains and various cross !	109	1.7	444,1454		****
Permits for pailway bons	tenction and repairs,	11191111	Unitary.	*******	*****	vertee
Permits or repair stile wil	ikkanenamen	13		Street	3	1000
Obszywati	inna Ramored.			-		
Obstructions removed	from various streets and}	17	14	35	3000	
Repairs	to Parament.	-				
Square pards of paramo	mi repaired	b <sub>i</sub> roq	78	W.1915	484	5,808,≥

Statement of Laboring Force Employed in the Department of Highways during Week ending July 6, 1901.

	Bosoucus,																				
	NARHATTAN			THE ORONK.			BROOKLYN.			QUEENS.			RICHMOND.								
NATURE OF WORK.	Mechanics,	Laborers	Teams.	Cares	Mechanics,	Laborers.	Testms	Carns	Menhanics,	Labirers.	Teams.	Carts,	Mechanics,	Laborers.	Trams.	Carrs,	Spraklers.	Mechanics.	Laborers.	Teams	Carre
Repaying and renewal of pave- ments		973 96	97	red)	The s	31	110	8 9	NO.	70	t	38	**		**		20	38 hours.	by hours.	120	S from 1
loads, streets and avenues	275	35	- 6	3		-	119	13	57	86	-	23	-	177		71	**		4.204	24	1 300

REPORT OF CHANGES IN FORCE FOR THE WEEK ENDING JULY 10, 1901.

Borough of Manhattan.

Promoted to Toolman-1 Laborer, Promoted to Assistant Foreman-t Laborer,

Deceased—1 Laborer. Appointed—1 Laborer.

Barough of Brooklyn.

Increased from \$1,000 to \$1,200-1 Inspector of Incumbrances.

Borough of The Bronx.

Resigned—1 Foreman. Appointed—10 Laborers, Employed—2 teams,

# DEPARTMENT OF DOCKS AND FERRIES.

At an adjourned meeting of the Board of Docks, held Friday, June 7, 1901, at 2 o'clock P. M. Present—The full Board.

Present—The full Board.

The minutes of the meeting held June 3, 1901, were approved.

On motion, the permit granted the United States War Department June 3, 1901, to use and occupy Pier, old 15, East river, was revoked, the Engineer-in-Chief directed to proceed with the resolution adopted October 26, 1900, and the application of the War Department for a lease of the new pier, to be constructed on the site of the present Pier, old 15, East river, referred to the Treasurer.

The communication from the Eric Railroad Company, offering to pay as rental, under the renewal lease of Piers, new 20 and 21, North river, with adjacent bulkhead, the sum of \$105,000 per annum, was also referred to the Treasurer.

The following permits were granted, to continue during the pleasure of the Board:

Knickerbocker Steamboat Company—To berth the steamers "Grand Republic" and "General Shacum" at night on the south side of the piers foot of West Fittieth and West One Huadred and Twenty-minth streets, North river, compensation for the privilege to be fixed by the Treasurer.

George J. Atwell—To load callar dirt on scow at the builthead between Piers 4 and 5, East river, compensation to be fixed by the Treasurer.

The following permits were granted, the work to be done under the supervision of the

The following permits were granted, the work to be done under the supervision of the Engineer-in-Chief:

Empire City Subway Company—To construct a subsidiary connection to the Pennsylvania Railroad Company's ferry-house foot of Desbrosses street, North river; all pavenuent to be related by the force of the Department at the cost of said company.

Brown & Fleming—To dredge under the dumping-board foot of Ferticula street, East river.

Bowery Bay Building and Improvement Company—To repair their water-front property at North Beach, Borough of Queens, the work to be kept within existing lines.

Estate of H. D. Brooklyn, the work to be kept within existing lines and Jay streets, East river, Borough of Brooklyn, the work to be kept within existing lines and to be done in accordance with plans and specifications to be hereafter approved by the Engineer in-Chief.

S. J. McLeod—To repair the pier near the foot of Jersey street, New Brighton, Staten Island, the work to be kept within existing lines.

The following permits were granted, to continue during the pleasure of the Board, the work to be done under the supervision of the Engineer-in-Chief:

Daniel A. Skinnell—To construct a cribwork on his property at Bay Side, Borough at Queens, in accordance with plans and specifications to be first approved by the Engineer-in-Chief.

Cornelius Furgueson—To construct a bathing pier between Twentieth and Twenty-instavennes, Bensonhurst, Borough of Brooklyn, in accordance with plans to be hist approved by the Engineer-in-Chief.

The following communications were ordered on file:

From the Comptroller—Requesting that requisitions be drawn for the amounts of the awards in the matter of the acquisition of the eighty-eight feet of bulkhead near the root of Clinton street, East river, owned by Amelia Stayvesant. Chief Clerk directed to draw requisition thereto. therefor.

From the Corporation Counsel—
18t. Approving form of Contract No. 708, for furnishing coment.
2d. Advising that the bid of Brown & Miller, for constructing a steel tug, under Contract No. 705. Is a valid one.

705. Is a valid one.

Prom the Department of Parks—Advising that the 25 feet of bulkhead cast of Pier, 18:15
54. East river, offered for sale by Edward F. Keeder, is not within the lines of the park thereat.
From Naughton & Co.—Transmitting consent of sureties to the extension of time to May 25, 1901, granted for the completion of Contract No. 689, for furnishing piles.

From Stephen Peabody—Calling attention to the brave action of Lawrence J. Hallaran le rescuing a woman from the East river at the Pier foot of East Twenty-fourth street on June 2, 1901. Secretary directed to express to said Hallaran the thanks of the librard for his action.

From Alfreil P. Caburn—Offering to sell to the City the premises between Eighteenth and Nincteenth streets, North river, for the sum of \$295,000.

On motion, the following preambles and resolution were adopted:

Whereas, By section 822 of chapter 378 of the Laws of 1897, the Board of Docks of The City of New York is authorized to acquire, in the name and for the benefit of The City of New York, wharf property in said city, and all rights, terms, easements and privileges participate thereto, subject to the approval of the Commissioners of the Sinking Fund, and to agree with the owners of any such wharf property, rights, terms, easements or privileges upon a price for the same; and

thereto, subject to the approval of the Commissioners of the Sinking Funal, and to agree with the awners of any such wharf property, rights, terms, easements or privileges upon a price for the same; and

Whereas, The Board of Docks is desirous of acquiring, in the name and for the benefit of The City of New York, the following-described premises, to wit: All their certain piece or parcel of land, with the buildings and improvements thereon, situated between Eighteenth and Nineteenth streets, Eleventh and Thirteenth avenues, in The City of New York, Borough or Manhattan, which said piece or parcel of land is bounded and described to follow; I Regioning at a point on the easterly side of Thirteenth avenue, where the same is intersected by the southerly line of Nineteenth street; thence cuming easterly along the southerly line of Nineteenth street; thence cuming easterly along the southerly line of Nineteenth street; thence cuming easterly along the southerly line of Nineteenth street; thence westerly line of Elevanth avenue, and then avenue the restrict of feet 3 inches to the westerly line of Elevanth avenue 23 feet to the northerly parallel with Nineteenth street; cleet 3½ inches; thence westerly along the northerly line of Eighteenth street; cleet 3½ inches to the soatedy line of Thirteenth avenue, take feet of makes to the point or place of beginning; together with all the hallshead and wharfage rights along the westerly side of Thirteenth avenue, the control of the westerly line of Thirteenth avenue, take feet of makes to the point or place of beginning; together with all the hallshead and wharfage rights along the westerly side of Thirteenth avenue, the centerly line of Eighteenth street; in length about 185 feet and q in has a and Whereas, Alfred P. Caburn, the owner in fee simply, has affected and q in has a and Whereas, Alfred P. Caburn, the owner in fee simply, has affected in well in the City the said described premises, with all hereditaments, including the tipacian med wharfage rights for the sum of

On motion, the following resolutions were manimously adopted:

Resolved, That this Board hereby agrees to lengthen and extend Pier, now 24. North river, out to the new pierhead-line of 1897, and to lease said extension, when completed, in Homer Ramsdell for a period coterminus with the existing lease of Pier, new 24, North river, above to all the terms and conditions of said lease, provided said Homer Ramsdell agrees to pay, as compensation therefor, the sum of five per cent, per annum on the cost of doing said work.

Resolved, That the Engineer-in-Chief be and hereby is directed to longthen and satend Pier, new 24, North river, out to the new pierhead-line of 1897, and that all the work honby ordered be performed otherwise than by contract, as provided by section 821 of the Greater New York Charter, and that it be done by the force of the Department by day's work, everpt so much of the labor and material as is now or may hereafter be contracted for, and that all the work materials, tools, etc., necessary for the above-mentioned work not now contracted for or which may not hereafter be contracted for, be purchased by the Treasurer otherwise than by contract. From the Secretary—Reporting that the sale of old material, held June 3, 1907, netted the sum of \$1,167.75.

sum of \$1,167.75.
From the Dock Superintendent-Report for the week ending June 1, 1901,

From the Dock Superintendent—Report for the week ending June 1, 1901.

1st. Report for the week ending June 1, 1901.

2d. Reporting the completion of the extension to Pier, new 40, North river, on June 3, 1901. Treasurer authorized to collect rental therefor from date of completion at the rate of five per cent, per annum on the cost of the work, in accordance with the resolution adopted November 23, 1900.

3d. Recommending that repairs be made by the force of the Department to Pier, new 43, North river; to the pier foot of One Hundred and Seventeenth street, Harlem river; to the pier at the southerly end of Hart's Island, and to the pier foot of Fordham avenue, City Island, Recommendations adopted.

Recommendations adopted.

4th. Submitting specifications and form of contract for furnishing yellow pine timber.

On motion, the following resolution was adopted:
Resolved, That the specifications and form of contract submitted this day by the Engineer-in-Chief for furnishing and delivering sawed yellow pine timber, be and they are hereby approved, subject to the approval of the Corporation Connsel as to form, and the Secretary be and hereby is directed to have a sufficient number of blank forms of contract printed and proper

advertisements, inviting estimates, inserted in the newspapers designated by law.

5th. Report on Secretary's Order No. 20759, stating that it is not the intention of Anderson.

Murphy & Co. to remove the sunken stone from the water on the north ade of Pier foot at
One Hundred and Thirty-second street, North river.

6th. Report on Secretary's Order No. 20831, submitting plans, specifications and form of
contract for extending and repairing the pier foot of Thirtieth street, North river.

On motion, the following resolution was adopted:

Resolved, That the plans, specifications and form of contract submitted this day by the Engineer-in-Chief for repairing the Pier foot of Thirtieth street. North river, and extending said pier to the pierhead-line of 1897, he and they are hereby approved, subject to the approval of the Corporation Counsel as to form, and the Secretary be and hereby is directed to have a sufficient number of blank forms of contract printed and proper advertisements, inviting estimates, inserted in the newspapers designated by law.

7th. Report on Secretary's Order No. 20917, stating that it is not the intention of M. B. Martin to remove the material dumped from seaw north of the Pier foot of One Hundred and Thirty-third street, North river.

Thirty-third street, North river.

The Treasurer, Commissioner Murphy, submitted his report of receipts for the week ending June 6, 1901, amounting to \$43,551.74, which was received and ordered to be spread in full on the minutes, as follows:

MATE	Vanw Wester.		FOR WHAT.	Амисят.
Troop 1	S. V., S. H. & H. R. R. Go		1, E. 1; Pier 33 and W. 5: Pier 50; Wildi, etc., E. R.	\$1,166 by
7 4			Lu w. pim, worth Pier 50, E. R.	2/7 10
	4		ton Piers 49 and 30, E. R.	
	711			87 ga
	The state of the s	a u	Dr. terre day and an analysis in the last	#Eu 89
-			the measure that and second thirties	15 27
11		£ **	pfin., bet. Piers, old 45 and new 36, E. R	112 90
- 0	100	V. W.	Paradiw 36, Fe Rossissa consissassissississis	21415 56
- 0	100 141	g. 41	bit, w. for wid'o'g and l'gth'g Pier 45, E. R	n. 88
0 a	Nome R. R. Charachara	1 "	Pier, new ag, N. R	7(1)25 CH
· 1	"	3 "	blet from a point halfway bet. Plers, new sk and eg, exig. so it. N. Pier, new eg, N. R	1,998 60
E 11	E mussimm	± **	l. a. w. p/m.het. Piers, old r and r, N. R	550 00
0. 4	**	3 4	in front bld, bet Comminipaw F'y plm, and Par, old et, N. R.	alo sa
m (	W 010-1 100100	X 10	swir and sheathing Pier, new 29, N. R	621 32
m x	E30 No B (CO) (-1	d =0	t/m), fort. Piezw, new 6 and 7, E. R	33.11
W X	100 mm m 450	4 "	I o.w. ine, and and rad size, N. R	427 50
	1. linb Sol mine	4. "	N. H	iri (n
o- 4.	Supprisonal N.Y.S.B.Oz.	p #	berth more and, S. side Pier, new 41, N. R	971 18
	Carthill a St. V.S. H. Co	A St	4 Hier, new 43, N. R	1,666 62
1	War Turnif	g. 10	Firsh hough the E. R	195 00.
	Page 46 Featreman com-	4 -	to meth Str. " Angler," at Pier ft. E, and str	75 92
	Prom. Mail S. S. & Marriagon	1 "	Ples, see 34 and blis, each side, N.R	15493 94
(4)	N. Y. & J. (As Mail 3: S. Co., -	S	Lu.w.pim , ne. Piers 16 and 17. E. R	441.56
(2)	Harris of Be Co	1 #	the bridge on Pier & tils st., F.R.,	300 00
27	International Nav. Out	4 #	had, ear'n from a point 73 to S. S. eds Pier, new 24; N.R., for 82 ft.	150 00
80	(1+1+1+)	1 0	Fire, new 19 and filed, south, N. R	0,091 00
50e	Wie Buighousessons	and do paint	or of flusting domp it. F, 30th at	52 Hi
- 40	Brown District Co. Co. Co. Co.	a mora cres	d Pier it E yest statement	562 50
	A/W-Will by annumentation	g: 81	eta ft. N. sids Pier Se, E. R	123 75
- 1	Foliarano & Bider,	3 "	me it. idid, N. from S. blid, at Wallalout bosin.	275 00
-	Panto, W. R. Co		terry, Brooklyn to Jarsey City, " Annex"	257 (0)
	STAN HER HER LEGAL	Cost of cor	calmin l'int fr. risth st., H. R	377.33
	Picila A. Ronytii		mare this	1,162 75
00	Dal Mauri		Stantanan, May, 1901,	518 61
			Brooklyn, May, 1907	27.10
			Manhatha, June, 1902	687 444
33		-	Brookly h, June, 1907-11 11-12 11-12-1-1-1-1-1-1	je ofi
- 4		10.	Queens, June, 1900-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	13 m
		- 0.0	Manhattan, Babrusey, 1901	31 00
-10			" March, 1901	
		90	Marie Marianianiani	20 20
= =			Manage Special Control of Control	WELL FA
	"	24	Brooklyn, March, 1902	931 VS
16	** (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		Questi, April, 1901	7 00
			Date deposited, June 1, agor	845,551 74

# CHARLES F. MURPHY, Treasurer.

The Auditing Committee submitted a report of nineteen bills or claims, amounting to

Voolin No	die minute a dy follows : Names.	Amount	Total.
	Construction.		
(461) 1461) 1461) 1461) 14616	W. H. Jenks, Estimate No. 3, Contract No. 598 John N. Robbins Company, repairs, etc., to derrick. Marris a Counings Dredging Company, deedging, lirown & Fleming, rip-rap stone Marray & Co., collide,	17,114 50 9,138 25 3,435 85 2,961 70 989 19 472 78 235 00	
			544,451 86
	General Repairs.		
	W. H. Reard Dredging Company, Estimate No. 4, Contract No. 605	\$3,808 70	
	Potes McGlyan, use of horse, eart and driver	\$10.00	
	Thomas Kelly, use of horse, cart and driver	105 00	
Acet.	James III County as on many said and and different first trees	105 00	4,333 70
	Construction.		41333 74
91-24.	Car fares	5441 70	
00025+	Incidentals	95 78	
	Control of the Contro		537 48
	General Repairs.		
	Car fores.	544 73	
9027	Incidentals	19 85	20.00
			64 58
Sec.	Annual Expense.	(1247. Etc.)	
0028.	Car Large	844 34	
doede	Incidentals	134 12	178 46
		-	
			\$49,566 08

Respectfully submitted, J. SERGEANT CRAM, Auditing CHARLES F. MURPHY, Committee

The action of the Secretary in transmitting the same, with requisitions for the amount, to the Finance Department for payment, approved.

The following regulations were passed: For What, Estimated Cost. Reguler No. \$700 00

Requisition No.	For What.	Estimated Cost
415Z. Use of horse 416Z, Use of horse 417Z. Use of horse 418Z. Use of borse	, cart and driver, per day , cart and driver, per day., , cart and driver, per day. , cart and driver, per day. , cart and driver, per day.	3 50 3 50 3 50
419Z. Printing, et	h	

The Board then went into executive session.

The application of Walter O. Bollas for an increase in salary as Dock Master, was denied.
On motion, the Secretary was directed to request the Compredier and the Manacipal Civil Service Commission to consent to the transfer of Malachy P. Kenne from the position of Assistant Accountant in the Finance Department to the position of Clerk in this Department.
On motion, the Board adjourned, to meet Friday, June 14, Loot, at 2 k. M.

WM. H. BURKE, Secretary.

### DEPARTMENT OF DOCKS AND FERRIES.

At an adjourned meeting of the Board of Docks held Friday, June 14, 1951, at 2 o'clock 1, M. Present—The full Board.

Present—The full Board.

The minutes of the meeting held June 7, 1921, were approved.

The communication from Fine, Ferwood & Kellock, agents for the Athar Line of Mail Steamers, respecting that a new lease of Pier, new 33, North river, he granted for a term of ten years, from May 1, 1922, the date of the explication of the present hand, and that still plur be extended to the existing pierheal-line, was referred to Commissioner Moyer.

The communication from John McDermott & Son, requesting potential on to occupy the honer 125 feet of Fier, new 30, East river, when completed, with the privilege of mointaining a postable steam hold thereon, was referred to the Treasurer.

The following permits were granted, to continue during the pleasure of the Blood, the work to be done under the direction and supervision of the Engineer in Chief and the Mempalitan Street Kailway Company, in erect on from awaking for hone whelm on the new made land between Piers, new 37 and 32. North river.

Kritekerbocker Steamboat Company, to erect an iron sheller, about 50 by 50 bod, on the enter end of the south side of the Pier foot of West Twentieth droot, the consont of the T. Connengiam Company, occupants, having been obtained.

George S. Maccionald, so land the steamer "S. E. Spring" of the tor foot of Main street. City Island, and to continue on iron sheaf, to be fixed by the Treasurer.

The following permits were granted, the work to be done under the supervision of the Engineer in This.

The following permits were granted, the work to be done under the supervision of the

Engineer-in-Chief New York Horse Manure Company, to make general repairs to the Plot fore at Wist Forty-fifth street, for a period of six woulds from July 1, 1901, all repairs to be kept within

Forty-fifth street, for a period of the continuence of the proof of the collished between Metropolitan Street Railway Company, to divelop in front of the collished between Ninety-fifth and Ninety-cixth street, East rivet.

J. & S. Bernheimer, to repair the limbing log on the collished small or the Hundred and Thirty-math street, on the south side of the Harlow river, and the pavenum in mar thereof. Brooklyn Wharf and Warehouse Company, to make general repairs to its wave-from property in the Barough of Brooklyn for a period of six months from July 1, 1901, all repairs to the kept within existing lines.

The following communications were ordered on file a

From the Comptroller—

1st, Requesting information as to the amount of wheel property used in a macetton with the Hamilton, South, Wall, Fulton and Catharine terras. Action of the Secretary in normaling saure

2d. In relation to submittation of surety on Contract No. 705.

On motion, the following residution was adopted:

Resolved, That permission be and hereby is granted for the submittation of the Videlity and Deposit Company of Maryland as sarety in the place of H. D. I yman, on the estimate of thomas A Miller, for building a new speeling under Contract No. 705.

A Miller, for building a new steel rag ander Contract No. 705.

From the Conjugation Connectation of the Contract No. 707, for dredging on the Past and Radion recess one No. 710, for building two critislands between One Hundred and Thirty-dish streets. Harlow river, and Thirty-dish streets. Harlow river, and transmitting bills of costs in proceedings for the acquisition of Plar, old q, and Play, new 7, East river, and build-head between East Twentieth and Twenty-first arrows. Unlie Corlidir covil to draw the necessary requisitions therefor,

From the Department of Health. Requisiting permission to land at the Plar fool of South Eleventh street, Brooklyn, for the transportation of patients. Application granted, the consent of the owner of and pier to be first obtained.

From William P. Chyde & Co.—Accepting the terms and conditions of the resolution-adopted May 31, 1901, agreeing to lease to them Pier, new 36, North river, with adjoining half build-brads. Secretary directed to request the Conjugation Connect to prepare the necessary form of lease.

From William H. Jenks—Transmitting consent of sureties to the extension of time granted in August 12, 1901, for the completion of the work of building the outer ends of Piers, new 29 and 30, East river, under Contract No. 698.

From J. H. Walker, Secretary—Stating that the name of the Dovar Post Clab has been changed to the Piersant View Clab.

On motion, the permit granted the Bovar Post to use the boat-house at the root of One Hundred and Twenty-board street, Harten river, was transferred accordingly.

From Theresa A. S. Sherdan—Requesting that dreetging be done by this Department in front of the dumping board at the foot of Ninety-sixth street. North river, at her cost and expense. Engineer-in-Chief directed to order the accessary dredging thereat and to report the post of the work for collection.

expense. Engineer-in-Chief directed to order the necessary dredging thereat and to report the cost of the work for collection.

From M. Goodwin-Requesting permission to erect a dumping-board on the bulkhead between Eighteenth and Nineteenth streets, North river. Application denied, it being the intention of the Board to proceed with the improvements there it as soon as possible.

From the Treasurer-

From the Treasurer—

1st. Recommending that the compensation to be charged the Knickerbocker Steamhoat Company for berthing a steamer on the south side of the Pier foot of West Fittieth street he fixed at the rate of 515 per day, and for berthing a steamer on the south side of the Pier foot of West One Hundred and Twenty-ninth street, at the rate of \$10 per day, payable in each case at the end of each week to the Dock Master. Recommendations adopted,

2d. Recommending that the action of the Board of May 31, 1901, in fixing the compensation to be charged Thomas Ward for a berth at the foot of West Eightieth street be modified by fixing said rate at \$1 per day, commencing June 1, 1901; said amount to be paid mouthly, in advance, to the Dock Master. Recommendation adopted.

3d. Recommending that the compensation to be charged George J. Atwell for the privilege of loading cellar dirt on scow at the bulkhead between Piers 4 and 5, East river, be fixed at the rate of 53 per day, payable at the end of each week to the Dock Master. Recommendation adopted.

4th. Recommending that the compensation to be charged Joseph Ryan for the privilege of maintaining an ice bridge and scales on 100 feet of the bulkhead between One Handred and Seventh and One Handred and Eighth streets, Harlem river, he fixed at the rate of \$666.67 per annum instead of \$1,000, in consequence of the reduction in the amount of space required.

5th. Recommending that the compensation to be charged George Rac for the privilege of maintaining a float and house at the foot of Tiffany street, East river, Borough of The Bronx, be fixed at the rate of \$1 per month instead of \$20 per month, payable in advance to the Dock Master. Recommendation adopted.

From the Dock Superintendent-Report for the week ending June 8, 1901.

From the Engineer-in-Chief-

rion the Engineer-in-Chief
1st. Report for the week ending June 8, 1901.

2d. Reporting the commencement of the work of building a new pier at the foot of One Hundred and Thirty first street, North river, under Contract No. 704, June 8, 1901.

3d. Reporting the erection of a bridge, walkway and float by William Zeltner, without permit, on the west side of City Island, about 600 feet south of the new bridge approach. Sucretary directed to notify said Zeltner that the structures must be removed unless permit is obtained therefor.

obtained therefor.

4th. Recommending that repairs be made by the force of the Department to the bulkhead foot of Forty-ninth street, East river, and to the backing-log on the bulkhead loot of One Hundred and Twenty-fifth street, Harlem river. Recommendation adopted.

The Treasurer, Commissioner Murphy, submitted his report of receipts for the week ending June 13, 1901, amounting to \$9,258.57, which was received and ordered to be spread in full on the minutes, as follows:

Юатк.		Dawn Wasser,		Amoust	
10	oi.				
litere	-00	W. A. Winner	mos ma, m	it, Ibid. N. Climon st., Il. ft	Elod (a)
144	110	W. M. Montamorry	n = 6,	Side Pier ft. E. rooth at. E.R.,	97.83
111-	16.	Combe & Blaiscott,	r - hi	now, would have N. thin goth at , R. R	be go
**	19	Murragh & McCarthy	-ii- 100	womaie law), hat. Pares en and as, by Record	41.00
	12	Thomas Leierry	66	d. ft. Railroad ave., H. W	44 000
	ra .	Penns R. R. Co., p	N	aide Pier, old, sy, N. R	(12), 100
20	10	Capt Al Foster	15 to	reli for an . " Angler," Per ft. E. 270 at	7/ 100
w	14	W. J. Kidney	s. U Wo	mu-loard, it. 75th at., N. R.	996.00
17	12	Cont. Hudson S. H. Cott.,	n n	ry is land at reath in and not of home fleck, N. II	75.00
**	12	N. V. Ceol. R. R. Edmann	W	jo Prog. nkt 15, E. R	733.31
Die	11	Way, Dimmenaner	or 60	d. tr. Lincoln ave., H. R	45 100
AF.	19	Farrell & Ropper		0 5. 5/2 W. ( 19th et., N. R	16 (y
Ar.	16	John P. Kone Co		L., bet, 93th and 90th set, and opland in rear, N. R.,	675 00
34	21	" mneed	e e ne	w-made land in rear hid,, bet, such and with	0.5.00
9	31	3	10	id. Navida Wagork at, to malific of block, and new-mode land in year.	119 17
300	3.3	Dogo Branning Comme	e or go	a-weptood: Jackson at , K. K.	154.71
*	**	Cond R. B. Co. of S. J	T ··· km	ry from Liberty st., N. V., to Communicate Bi. J	-,590 m
10	11	Black Madernage Land Lander	Wa-riagy, Ma	olurran, June, rest	Africa es
99	11	* *************************************	44 By	okiyo, June, 1901	100 10
310	14	Cillenon	at Ala	nientau, March. 1301	110 10
716.	1)	· 30000000000	w kim	skiya, Mash. spir	1 00
100	13	- 00 TO	- And	nleitrice. Ayath, 1701	1,0164 12
100	74	** 100044001G0c	- Bro	oldyn. Aprill representations.	119 54
Dec	×c	III makamatana	170	nns, Spril, 1901	h 00
m	21	*** **********	- Mi	olumning May, eger	574 579
XY	28	an month of	- Wn	ddyn, Mng, mor	13.55
			Die	re-deposited, Jone 24, 1901.	\$4,258 47

Respectfully submitted, CHARLES F. MURPHY, Treasurer,

The Auditing Committee submitted a report of thirty-three bills or claims, amounting to \$76.434.10, which had been approved and audited. The report was ordered to be spread in full on the minutes, as follows:

Andre	No. N	lames.	Construction,	Amount	Total.
19630	Naughton & Co.	Estimate N	o, 2 and Final Contract No. 689. Company, dradging	£19,745 00 1,802 73	
Tobres.	Cahill Towing L	the learns	conficult manking	1007 50	
10633	Martin B. Brown	Common :	nemtice, etc	997 50 756 60	
Inbad	New York Telep	hane Louma	pemting, etc., by, telephone and follocryice	358 07	
236214	Trea done demp	outile Comprise	ne torefrome duri rotame second	Van ch	523,710 00
			General Repairs.		-3,7,9 90
10035.	Uvalde Asphalt I	Paving Come	mny, paving	. \$10.477 DO	
E0030.	Thomas Kelly, a	prinkling	*************************	AUF 00	
19037.	Tames Comming	s sprink ing	************************	. 105 00	
10038.	C. I. Unsuper, cle	simice suppli	CH CONTRACTOR CONTRACTOR CONTRACTOR	15 20	
folian.	Neumerer's bane	L manie		226 OO	
123/1470	Buyne's Soxtwento	alb Kewimen	I bund, monic	411 00	
12003.1	John A. Roswald	mulan		- 236 00	
10042	Maurice Z. Hana	ac mean		441 190	
100.12.	Dave Braham, m	usic		444 00	
10011.	Thomas F. Shan	non, must-		- 330 DO	
tobis.	New York Falison	Compone.	-bentele linki	. 13 60	
19046,	The Brush Electi	rie Illuminat	deptric light ing Company of New York, electr	ic is	
	light		+-1144	303 70	
					33,911 30
	227 224		Augusted Property.		Account of
19047	John J. Prince, so	ervices as Cl	erk a Assistant Clerk	1331 00	
19048.	William J. Fayer	if, services a	a Assistant Clerk	100 fet	
19049	Ernest 11. Jurjen	s, services no	Massanger	50 MI	
Tobeo.	New York Telen	brown Comment	no reletificate services	456 275	
1965 I.	H. E. Titus, agen	t, rent of offi	(O)	125 00	
10052.	Joseph Blumenth	al (Joseph U	m, Ilinan, executor), services as Con		
	missioner			198 00	65.00
			Construction.		S22 90
10653.	of The Marriers ?	Salmanash W.	advertising	644.00	
19654.	H Das Marrier L	surroul il orbe	ertising	- 524 00	
10055.	H The Company	A Advertises	," advertising	. 15.00	
10050.	The New Years A	Detelor	. Buyernsing	24 100	
19657.	H The New York IN	Ews ruman	ing Company, advertising	- 24 00	
19658.	" The New York	Journal and	Advertiser, advertising	30 00	
	"The West of	terporter, a	dvertising	960	
19659.	"The Weekly U	mon, anver	rtising	4 80	
			Acquired Property,		131 40
10660	Amplia Surveyor	st. bulldlessil	rights	-	
10001	Rubert M. barely	leasuhold el	his.	6 222 -6	
10002	Willie A. Winne	Jeanuludd of	literation	0,255 20	
190000	denie de demite?	reasement rij	Superioration and the contract of the con-	25 34	en Wall or
				-	17,838 34
					576,424 10

Respectfully submitted,

J. SERGEANT CRAM, | Auditing CHARLES F. MURPHY, | Committee,

The action of the Secretary in transmitting the same, with requisitions for the amount, to the Finance Department for payment approved.

On motion, the following resolution was adopted:
Resolved, That the Corporation Counsel be and hereby is authorized to enter into a stipulation with the owners of property between Twelfth and Thirteenth streets, west of Tenth avenue, whereby the City may take possession of the property at once and agree to pay said owners six per centum the City may take possession of the property at once and agree to pay said owners six per centum the City may take possession of the property at once and agree to pay said owners six per centum the City may take possession of the property at once and agree to pay said owners six per

whereby the City may take possession of the property at once and agree to pay said owners six per centum per ahman on the awards made for said property from the date of taking possession thereof until payment of the awards.

On mation, the following resolution was adopted:

Resolved, That any and all permits for boat-houses, floats, buildings or other structures on the westerly side of the Harlem river, between the centre line of the block between East One Hundred and Thirty-first and East One Hundred and Thirty-second streets, and the southerly time of East One Hundred and Thirty-third street, be and they are hereby revoked, to take effect July 1, 1901, and the owners and occupants of all structures between said lines be and they are hereby directed to remove the same on or before said date.

On motion, the following resolution was adopted:

Resolved, That during the absence of the Treasurer, Commissioner Meyer be and is hereby authorized to act as Treasurer pro teim.

On motion, the following resolution was unanimously adopted:

Resolved, That the Engineer-in-Chief be and hereby is directed to prepare plans and specifications, and the Treasurer be and hereby is authorized to issue orders for the placing of an

asphalt payement in order to repair the present grante payement leave in shout the satherly side of Twenty-5 the street and the northerly side of Thirtieth street North river, and between the westerly side of Thirteenth acone and the halbhood line between this secretary reported that the payeroll for the work midding line 7, 2 and mounting to \$17,000,70, had been approved, and ted and transmitted in the Department of Pincow for resemble.

The Board then went into executive sussion.

The following communications were ardered on file.

From the Engineer-in-Chief Transmitting resignation of Harvey Farrington, Automot Engineer, to take effect June 15, 1981. Resignation accepted.

From Jereminh O'Connell Temlering his resignation as Track Buildon incommunication.

From Richard J. Lyons, Jr. - Declining appointment as Recreation Pior Attonional Appoints ment rescinded.

From the Municipal Civil Service Commission—Submitting list or parsons climble for

appointment as Flagger.

On motion, the following resolution was adopted:
Resolved, That John Neuman, Thomas I.O'Leghlin, John Stattery, Jumph J. Vency and John McCoy be and they are hereby appointed Flaggers, with assupersation at the rate of twenty-

John McCoy be and they are increase applications from the per boar while employed.

On motion, the Read edjourned to most Friday. I one 21, right, at 2 o'clock room.

WM. If. BURKE, Secretary.

### DEPARTMENT OF BUILDINGS.

IN BOARD OF BUILDINGS, JULY 3, 1901.

Present-Commissioners Wallace, Guilfoyle and Campbell.

Present—Commissioners Wallace, Guilfoyle and Campbell.

The minutes of the meeting of June 26, 1901, were used and, on motion, approve Petitions were submitted for approval, as follows:

Plan 375, New Buildings, 1901, Manhattan and The Bronx—Petition to allow building to be increased 4 feet 6 inches to height, thereby making building 79 feet 6 inches maked of 75 feet high, as stated in petition; south side Forty-third street, 275 test were Touth over the Petitioner, Frank A. Rooke. Approved.

Plan 728, New Buildings, 1901, Manhattan and The Bronx—Petition in allow building to cover \$.618 square feet; in stand of \$.000 square feet; all apartments will be inclosed expansive with brick walls, as stated in petition; north side One Hundred and Fortieth areas gas not east Seventh greaner. Petitioner, Henri Fouchoux. Referred to President.

Plan 727, New Buildings, 1901, Manhattan and The Bronx—Petition is allow building to cover \$.617 square feet, instead of \$.000 square feet; all apartments will be inclosed with brick walls, as stated in petition; south side One Hundred and Forty-level at each body with brick walls, as stated in petition; post, Manhattan and The Bronx—Petition to allow the brief to be constructed of iron frame and galvanized from as stated in petition; and the Fourth street, 200 feet cast Fourth avenue. Petitioner, Arthur B. Lomings. Approved.

Plan 789, New Buildings, 1901, Manhattan and The Bronx—Petition to allow the Cay In Watte Campany system of flat concrete arches to be used for neeprooning each door, as a road in petition; No. 306 West One Hundred and Second street. Petitioner, Gerard Fourtural to President.

Plan 1801, New Buildings, 1901, Manhattan and The Bronx—Petition on allow the Cay In Petition.

Plan 1801, New Buildings, 1901, Manhattan and The Bronx—Petition on allow the Cay In Petition.

Plan 1802, New Buildings, 1901, Manhattan and The Bronx—Petition on allow the Cay In Petition.

Water Company system or flat concrete suches to be used for interpressing each floor, as a total in perition; No. 306 West One Hundred and Second street. Petitioner, Gerant Foundar, as a total to President.

Plan 1217, New Balldings, 1901, Manhattan and The Broxx—Petition to allow tour multion in built of thickness shown on drawings, instantials and the Broxx—Petition to allow tour output attempth for purpose to which same is put, as stated in petition; No. 254 Wood Pottwo could attreet. Petitioners, Suchman & Fox. Referred to Fresident.

Plan 1407, Alterations to Huiblings, 1501, Manhattan and The Broxx—Petition to allow concerning bridge to be built in rest reviewed all huilding and sew addition; same will be constructed of Ta and angle from; with terra-cotts blocks built in between and covered on the consider with calvanized sheet from; also to allow present building to remain anathered, instead of multiposame increment, all as stated in petition; No. 440 Feat Fiftywey-cuttle street. Petitioners, A. C. Jackson, Approved, no condition that self-closing brapproof doors be provided at all points of omountation between all thirding and proposed adultion.

Plan 1406, Alterations to Buildings, 1501, Manhattan and The Broxx—Petition to allow two upper walls of extension to be substituted on the Eleventh street sales for the two lone, stiting lower wall not being thick enough to support proposed new upper part; also mallow two lone, stiting lower wall not being thick enough to support proposed new upper part; also mallow two lone, stiting lower wall not being thick enough to support not be advantaged to the Eleventh street sales for the two lone, required, all as stated in petition; northwest corner Eleventh treat and linearly as to have lone, well on the support of the substitute of the Eleventh street sales for the two lone, which has the substitute of the Eleventh street. Petition to the very lone, and the substitute of the Eleventh street. Petition to the very lone, and the substitute of the Eleventh street. Pet

Plan 1467, Alterations to Buildings, 1901, Manhattan and The Bronx—Petition to allow peni-house to be constructed of iron tees, covered with corrugated iron; roof will be framed with spruce, 3-inch by 9-inch beams, 20 inches on centres, tin roof; same will be for feet high above present roof of building; tee irons will be filled in with proposal blocks; same will be 75 feet wide and 30 feet deep, as stated in petition; Nos. 173 to 177 West Lighty-minth street. Peti-

Flan 1448, Alterations to Buildings, 1901, Manhattan and The Bronx—Petition is allow a workshop for a photograph gallery to be built on roof of third story; an 8-inch brick wall will built on both sides and 12 inches on front and rear and the top of extension on roof will not be more than 40 feel above foundation; building after alterations will be occupied as store, by two families and photograph gallery on top floor, as stated in potition; No. 153 Rivington street. Pettioner, Fred. Ebeling. Approved.

Plan 1377, Alterations to Buildings, 1901, Manhattan and The Bronx—Pettion to offorwooden floors to be used; approved. Also to allow fire-escape at rear of No. 266 West Forticit street to be used for hoth buildings, all as stated in petition; Nos. 264 and 266 West Forticit street. Petitioner, K. C. Hudd. Denied.

Plan 1073, Alterations to Buildings, 1901, Manhattan and The Bronx—Petition to allow walls to be built of less thickness than required by law; also to allow building in cover a larger percentage of lot, all as stated in petition; No. 987 Madison avenue. Petitioners, Chaudian & Putzel. Approved.

An application was received from Messrs, Paul Kuhne & Co. for official approval of their

Puzzl. Approved.

An application was received from Messrs. Paul Kuhne & Co. for official approval of their sheet metal structural element, with sample, which was referred to the President.

Copy of opinion of Hon. John Whaleu, Corporation Counsel, relative to the power of the Board of Buildings to modify section 100 of the Building Code, was received and ordered on file.

On motion, the Board then adjourned to meet at the call of the Chair.

A. J. JOHNSON, Secretary, Board of Buildings.

# AQUEDUCT COMMISSION.

Minutes of Adjourned Meeting of the Aquaturt Commissioners, held at their Office, No. 207.
Stronger Building, on Friday, June 21, 1901, at 11 o'clock A. M.

Present-Commissioners Rynn (President), Ten Eyck, Power and Windolph, also Deputy

& Acting Comptroller Levey.

The Construction or Executive Committee recommended the adoption of the following preambles and resolution ;

Whereve In the presentation of the work upon the New Crount Dam, on Graton river at Cornell site, in the Town of Cartlandt, Weathester County, N. V., and of the Jerome Park Review, and Ringsbudge, in the Twenty-fourth Ward of The City of New York, certain to do not and chemistances have developed which suggest that a change or modification may be destrible in the plans for the construction of that portion of the dam designed to be constructed of earth with a masonry core-wall, and of the core-wall and embankment of the constructed of earth with a masonry core-wall, and of the core-wall and embankment of the constructed of the note of the construction of the Chief Engineer that, before any final determination is attached a sought from engineers of recognized ability and experience not connected with the present plans or the work of construction therefore. It is not 1 for the President of the Aquaduct Commissioners be and hereby is authorized to any Mr. I. J. K. Croe., Mr. Edwin F. Smith and Mr. Elnathan Sweet, to examine the present plans in the construction of said dam, and the work of construction thereof so far as the same are proceeded, and also of the core-wall and embankment of the Jerome Park Reservoir of some what to be construction, and to report to the Aquaduct Commissioners what changes of modification, if any, should be made in the plans for the construction of said dam and reservoir. Which were adopted by the following sote:

Attenually a Commissioners Ryan, Ten Eyck, Power and Windolph and Deputy & Acting Compitalist Levy 5:

The Commissioners them adjacency.

HARRY W. WALKER, Secretary.

### AQUEDUCT COMMISSION.

Minutes of Minima Meeting of the Aqueduct Commissioners, held at their Office, No. 207 Memory Hullding, on Tuesday, June 25, 1901, at 11 Select A. M.

Parent Commissioners Kyan (President), Ten Eyck, Power and Windelph.
The united of stated meeting of June 18 and adjourned meeting of June 21, 1901, were read ned approved.

by Commissions: Ton Eyek —
Recolved, That the necompanying bill for additional school taxes for the year 1900 on property second to be by the City of New York for the construction of the New Croun Aqueduct, the widout Diariet No. 3. Town of Carlandt, New York, amounting to thirty-seven dellars and inverse was a hereby approved and ordered certified to the Comptroller be payment.

Which was adopted by the following vote:
Afternative—Commissioners Ryan, Ten Eyek, Power and Windolph—4.

Commissioner I'm Ryck, a Chairman of the Committee of Finance and Audit, reported the sometime and audit of fells contained in Vonchers Nos, 14,052 to 14,057, inclusive, amounting to 3 torcyt,
Which were approved and ordered certified to the Comptroller for payment by the following

vote - Americanies - Committee with Ryon, Ten Eyck, Power and Windolph - 4-

The following communication was received:

DEPARTMENT OF FINANCE - CITY OF NEW YORK, I June 20, 1901.

Hon. Jane L. Kvan, Pretident, Aquadust Commission:

Sin — Application has been made to the Commissioners of the Sinking Fund for the sale of a cone of band attented on the southwest corner of Kingsbridge road and Davidson avenue, Theory-bandb Ward, Borough of The Bronx.

The property is part of the land acquired by The City of New York, pursuant to the provision of the property as acquired by The City of New York, pursuant to the provision of the property as acquired, by the opening of the Kingsbridge road upon the new into a 22 land down on the Vinal Mays of the Twenty-hard and Twenty-fourth Wards, all as have on the an ampanying sketch, and marked "A."

If this goar of 2.3 feet on Davidson avenue by 21.62 feet on the Kingsbridge ward is not required by the purpose for which it was acquired. I request that you forwally form the same of the Commissioners of the Sinking Fund that the same may be disposed of, in the interest of the City.

of the City.

Yours respectfully, ELIGAR J. LEVBY, Secretary, Commissioners of the Staking Fund.

Should inclosed, which kindly return.

Loginal should be Eyek moved that the communication and subject-matter thereof be refer to to the Chart Engager for report as to whether or not the land referred to is required for appelloct purpose.

Which was carried by the following year:
Antimative—Commissioners Ryan, Ten Eyek, Power and Windolph—4.

A communication was received from the Commissioner of Water Supply, dated June 24, 1901, in reliation to Croton Lake and river.

Commissioner Ten Ey's moved that the communication be referred to the Construction or Proceeding Commission.

Which one carried by the following vote:
Assumptive—Commissioners Ryan, Ten Eyck, Power and Windsliph-4.

The following communication was received to

NEW YORK, June 24, 1901.

To the Houseable the Aqueduct Commissioners, New York City:

Construction—We log to apply but an extension of time until Outsiter 1, 1501, for completing our matters for building the overflow and blow-oil sewer, water pipes and appuriculances in a uncernor with the ferome Park Reservoir, dated September 30, 1899. Our reason for the above of tension is the laterators character of the work, necessitating slow and careful methods, and also are fast that during the months of April and May the minfull was so extended and great that for little could be done owing to falling banks and bad weather.

We have applied for the consent of sureties which will be sent you direct.

Yours respectfully,

KELLY & KELLEY.

In summerium thorawith, Commissioner Power offered the following preamble and reso-

In sommerlum therewith, Commussioner rower uncreased and all the source of the source

The Commissioners then adjourned,

HARRY W. WALKER, Secretary.

# DEPARTMENT OF PUBLIC CHARITIES.

FOR THE BOROUGHS OF BROOKLYN AND QUEENS.

REPORT OF TRANSACTIONS FOR TWO WEEKS ENDING JULY 9, 1901.

DEPARTMENT OF PURLIC CHARTTEE-BORDUGHS OF BROOKLYN AND QUEENS, ) Nos. 126 And 128 Livingston Street, Borough of Brooklyn, New York City, July 11, 1901.

June 26.

Reports of Johan, census, etc., Hospital and Almshouse, for week ending June 25. Appenvish

Approved fulls for Hospital, amounting to \$2,658.74, and fransmitted same to Auditor.

Received notion of appeal in the case of Jennie Mercelaar vs. Simon Mercelaar, held on charge of abandonous, and transmitted same to Corporation Counsel. (Lake O'Reilly, attorney for applicant.) June 28.

Approved following bills and transmitted same to Auditor: Supplies.... \$4,672 34 500 00 Rent.

Transportation of Panjers Donations to Grand Army Valentia. Hospitals Institutions	\$27 00 50 00 766 28 9,032 60
Approved following bills and transmitted same to Auditor : Institutions. Ifospitals	\$4,586 86 4,585 60

Approved pay-roll for the month of June, amounting to \$12,755.24.

Mortimer Whiting, Mary McMananin, Kate Donovan and Sally Taylor, resigned

Mortimer Whiting, Mary McGalland,
Jame 30, 1901.

James Hamilton, Edward O'Rourke, Joseph Boatkes, Thomas Coyne and Peter Garvey,
Hospital Helpers, discharged June 30, 1901.

Lizzie King, Wer Nurse, resigned June 30, 1901.

Charles Kiernan, John Waters, Michael Duwling and Ida Schamann, employed as Hospital
Helpers, Coney Island Hospital, at \$12 per month each, on July 1, 1901.

\* Katie J. Keogh, employed temporarily as Hospital Helper at the Almshause, at \$20 per
month.

Elizabeth A. Dalton, temporarily employed as Hospital Helper at the Almshause, at \$15 month. Sally Taylor, employed temporarily as Cook at the Coney Island Hospital, at \$16 per

Mortimer Whiting, employed temporarily as Hospital Helper at Comy Island Hospital, at

\$25 per month.

Kate Donovan, employed temporarily as Hospital Helper at Coney Island Hospital, at \$16

July 2. The following reports for week ending July 2, received and placed on file: Dependent children committed...... 15 32 Barial orders issued
3 Barial permits issued
50 Application for blind pension.
67 Ambalance calls received and sent. 27

July 3.

Reports of census, Jubor, etc., Hospital and Abushouse, for week enting July 2,

approved.

Received copy of order continuing from against Cavanuals Bloss. & Knapps, continuous for repairing roof at Kings-County Hospital. Mauril. F. We agreemen, it mort smooth of their \$887.20. Phillips & Avery, attainers for botor, and transmitted agas to approximate Councel.

Received and placed on the communication from 1. T. Images, General Modical Superintendent, Kings County Hospital relative to transfer of transmit to Long Board State Hospital at Flathosh and Kings Park.

Mamile Kierman, employed as Hospital Holper, at \$10 per manth (tempovary).

Jub 5

Approved weekly requisitions of the various institutions.

Thomas O'Keefe, Oscar Smith, Charles O'Brien and James Maloney, supplayed as Huspital Helpers, at \$12 per month each, on July 5.

Daniel J. Cassidy, temperarity of played = Hospital Helper, 41 \$10 per month, on July 5.

Patrick E. Farke, Hospital Helper, docharged, July 5.

7417 S.

Michael Walsh, Orderly, reinstated at \$400 per antique.

James Flynn, Hospital Helper, discharged July 6.

William F. Carson, Bospital Helper, resigned July 6.

Minute Muschette, Pupil Nurse, and William J. S. Dinson, Junior Clerk, resigned

July 7, 1991. J. J. Hunt, Hospital Helper, resigned July M.

540 B.

File Sectived compromise in the matter of Sophia Puscherolort vs. Otto Boots.

Received communication from M. M. Clark of No. 214 Sixth account, differing clothing for the inmates of the institutions.

Received and placed on file communication from New York Process Institute, relative to Frieda Krimmich, or Hulat street, Long Island City, who was bitton by a dog.

J. I. Hunt, complayed as Hospital Helper, at \$22 per month (temporary).

Charles G. McAllen, employed as Hospital Helper, at \$12 per month.

Mary Sheridan, employed as Laundress, on July S. at \$20 per month.

The following reports, for week ending July a, root, received and placed on file ( 33 | Admissions to Hospital, 21 | Petitions for observation cases 24 | Rurial order Issued, 4 | Rurial permits issued, 103 bustardy warrants, . Letters to delinquent husbands Ambulance calls received and -nt . Admissions to Almshouse ....

A. IL GOETTING, Commissioner, etc.

# CHANGE OF GRADE DAMAGE COMMISSION.

CHEER OF THE COMMISSION, KOOM 58, NO. 96 BROADWAY. NEW YORK CFFY, FRIDAY, February 15, 1961, 2 o'clock P.M.

The Commission met pursuant to adjournment, Present-William E. Stillings (Chairman), Charles A. Jackson and Oscar S Bailey,

The reading of the minutes of the proceedings of the previous meeting was dispensed with.

The Commission then, in executive session, examined, discussed and considered the depositions, testimony, photographs and other evidence in certain claims heretofore submitted.

The Commission then adjoined to Monday, February 18, 1901, at 2 o'clock P. M.

LAMONT MoLOUGHLIN, Clerk.

CHNAGE OF GRADE DAMAGE COMMISSION.

Office of the Commission, Room 5S, No. 96 Broadway, New York City, Monday, Vehruary 18, 1901, 2 o'clock p. st.

LAMONT McLOUGHLIN, Clerk.

The Commission met pursuant to adjournment.

Present-William E. Stillings (Chairman); Charles A. Jackson and Oscar S. Bailey, Com-

The reading of the minutes of the proceedings of the previous meeting was dispensed with. The Commission then, in executive session, examined, discussed and considered the tions, testimony, photographs and other evidence in certain claims beretofore submitted. The Commission then adjourned to Wednesday, February 20, 1901, at 2 o'clock r. m.

#### APPROVED PAPERS.

No. 813.

Resolved, That permission be and the same is hereby given to Charles Heusted to creet, place and keep bay-window in front of his premises, No. 131 Remsen street, Borough of Brooklyn, and to remove old bay-window, size, eleven feet wide and four feet six inches from building-line, and to replace with new fireproof, twelve feet wide and five feet from building-line, on second story up, the work to be done at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Board of Aldermen, July 2, 1901.

Adopted by the Council, July 2, 1901.

Approved by the Mayor, July 10, 1901.

# DEPARTMENT OF PUBLIC

DEPARTMENT OF PUBLIC CHARITIES, BOROUGH OF BROOKLYN AND QUEENS, Nos. 126 And 128 LIVINGSTON STREET, BOROUGH OF BROOKLYS. NEW YORK CITY, Inly 17, 1901,

Changes in Payroll of the Department of Public Charities for the Bossaghs of Brooklen and Queens, from full 5, 1901. KINGS CORNEY HOSPITAL

July 9. Charles G. McAllen, Hospital Helper,

at \$144 per annum.
10. Annie Lute, Hospital Helper, at \$144

per annum. to: Fred'k Hoffman, Hospital Helper, at

#144 per amum (Almshonse).

#1 Elizaheth B. Fead, Hospital Helper, at \$500 per amum (temporary).

#2 William Schallenberg, Hospital Helper, at \$240 per amum (temporary).

#11. Emil Ericson, Trained Nuise, at \$300 per amum.

July 10. Miss Anna Kattenhorn, Popil Nacce,

July 5. Bokert Brighy, Hospital Helper, Kings Caunty Almshauee. A. H. GOFTTING Commissioner, etc.

#### NEW EAST RIVER BRIDGE COM-MISSION.

Crey on New York.
New East River Hanna Communication,
No. 258 Broadway.
New York, July 17, 1901.

NEW YORK, July 17, 1901. J
SUN 1910 of the City Record?
DEAR Six—You are hereby notified that
the salary of Western R. Barcome, on Assistant
Engineer in the employ of this Commission,
has been fixed at \$2,000 per annum, and that
the salary of John D. Willern, also an Assistant
Engineer in the employ of this Commission, has
been fixed at \$2,750 per annum, both of which
are to take effect on Angust 1, 1901.
Respectfully,
JAMPS D. RELL,
Commissioner and Secretary.

Commissioner and Secretary.

#### DEPARTMENT OF BRIDGES.

DEPARAMENT OF BEHINDER,
CITY OF NEW YORK,
COMMISSIONER'S OFFICE,
PARK ROW BUILDING,
MANHATTAN, NEW YORK CITY, N. Y.,
July 17, 1901.

Supervisor of the Cate Records

Signary on are hereby notified that John Mc
Nally, No. 205 East One Hundred and Seventh
street, Mandatian, has been transferred from
the Department of Highways, Borough of Manheitan, as Laborer on bridges over the Harlem
river and in the Borough of Manhattan, at a
compensation of \$2 per day, to date from
July 18, 1901.

Respectfully,

JOHN L. SHEA,

Commissioner of Bridges. Supervisor of the City Revers

# DEPARTMENT OF PARKS.

THE CITY OF NEW YORK, DEPARTMENT OF PARKS.
OFFICE OF COMMISSIONER FOR THE BOROUGH OF THE BRONN, ZBROWSKI MANSION, CLARRMONT PARK, July 17, 1901.

Supervisor of the City Record Substraine of the Cay Reneral

DEAR SIR—Pursuant to acction 1549, chapter
378, Laws of 1897, I hereby notify you, for
publication in the City Record, that I have
promoted Henry L. Endges from Laborer to
Foreman, at a compensation of \$100 per month,
to take effect August 1.

Respectfully yours,
AUGUST MOEBUS,
Commissioner of Parks,
Borough of The Bronx.

# MUNICIPAL ASSEMBLY.

THE CITY OF NEW YORK, OFFICE OF THE CITY CLERK, CITY HALL, NEW YORE, July 18, 1901.

To whom it may concern:

There will be a public hearing before the Joint Committees on Railroads of the Council and Board of Aldermen in the Council Chamber on Thursday, July 25, 1901, at 2,30 n'clock P. M., to consider the application of the Union Railway Company.

P. J. SCHLLY

P. J. SCULL City Clerk.

# OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such office are kept and such Courts are held; together with the bends of Departments and Courts;

EXECUTIVE DEPARTMENT. Mayor's Office

No. 6 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
ROBERT A. VAN WYCK, Mayor,
ALPRED M. Downes, Private Secretary.

Bureau of Licenses. 9 A. M. to 4 P. M. ; Saturdays, 9 A. M. to 12 M.
DAVID J. ROCHE, Chief of Bureau.
Principal Office, Room 1, City Hall. Gronge W.
Brows, Jr., Deputy Chief in Boroughs of Manhantan
and The Bronx.
Branch Office, Room 12, Borough Hall, Brooklyn;

WILLIAM H. JIROAN, Deputy Chief in Borough of Brudlyn.
Brown 1981. "Rachmond Building," New Brighton,
L: William H. McCase, Deputy Chief in Borough
of Richmond.
Brown 1986. "Hackett Building," Long Island
City: Peter Flankan, Deputy Chief in Borough of
Turns.

THE CITY RECORD OFFICE,

and Burran of Printing Stationers and Blank Books. No. a City Hall, 2 A. M. to 2 P. M.; Saturday, 9 A. M.

to rest.

William A. Bottley Supervivor; Solon Berrick, Popury Supervisor; Tuolas C. Cowell. Deputy Supervisor and Accountant.

#### MUNICIPAL ASSEMBLY.

Toe Poustin,

Resource Geometric Stark, President of the Council, P. J. Schary, Circ Clark Clark's office open from 10 s. st. to 4, 0, 28, ; Satur-lays, 10 s. 20, 10 s. 24,

BOARD OF ALDERSON. Thumas F. Wanne, President, Michael P. Brann, Clerk.

COMMISSIONERS OF ACCOUNTS.

Riving 114 and 112 Survays Building, 24. M. to 47. M. 1010 Commissioners.

#### MOROUGH PRESIDENTS.

Borough of Manhattan.

Office of the President of the Borough of Manhattan,
Nov. 19, 19 and 10 City Hall. 19 a. M. 10 4 F. M.; Saturden, N. M. 10 A. M. 10 A. F. M.; Saturden, N. M. 10 A. Price of the Manhattan, Successing

Burnings of The brons.
Office of the President of the Burnings of The brons,
corner third arones and One Handred and Servinty,
events about , g.a. st. to + e.sh.; Samidays, g.a. st. to

labora F. Havri - President, Berough of Branklyn.
Pre-ident's Olice, No. 11 Branklyn.
Mr.; Saturblays, s. M., 10 12 M.;
Bowaer M.; Grove, Flexidant.

Dorough of Queens,
Freeman & Bryerov, President.
Office, Long Island City, a A. M. until 4 v. M., Siturdays, from y A. M. until 12 M.

Burough of Richmand,
Grower Uniwest, President
Umocal the President, Fire Wistonal Bane Uniting,
New Brighton; g a. M. to 4 r. M.: Safandaya, a A. M. to

ROADD OF ARMORY COMMISSIONERS.

POARTO OF ARMORY COMMISSIONERS.

The Mayor, Money A. Var Wyrk, Charman The Personers of Taxes and American The Decision of Taxes and Americans of Thomas I., Ferrana, Secretary I The Commissions of Phones Bellioners, Locarried And Commissions of Phones Bellioners, Locarried McConney (1994). My Locar and Brighter-General McConney (1994). Only a Phones II. Ferrana, Secretary, Susward Bullance.

Office Phones and Mayor May Scientisty, 9 a. M. 10 a. M.

PUBLIC ADMINISTRATOR. No. 110 Name of street, p. a. M. 10 4 P. M. Williams M. Horn, Public Administrator,

PUBLIC AUMINISTRATOR, KINGS COUNTY. No. 12: Montague arrest, Brooklyn, 9 a. m. to 2 v. m., 2xceps Saturdays in June, July and August, 9 a. m. to

Way D. DAVENBERT, Public Administrator.

PUBLIC ADMINISTRATOR, QUEENS COUNTY. No. or Third street. Long Island Ciry. Charles A. Wedley, Public Administrator,

COMMISSIONERS OF THE SINKING FUND, The Manor, Chairman | Bred S. Colen, Comp-troller | Pareick Kerran, Cremberlain | Rapporen Georgenerson, President of the Council, and Ramere Mon, Chairman, Fluonce Committee, Board of Alder-men, Menders. Editar J. Laver, Secretary. Office of Secretary, Room No. 11, Stewart Building.

BOARD OF ESTIMATE AND APPORTIONMENT. The MAYOR, Children : Thomas L. Fritzer (President: Department of Taxes and Assessments). Secretary : the Computation, President: Office of Colorum, Indiana, Members; Charles V. Ader, Clerk, Department of Taxes and Assessments, Keom R. Stewart Building, 9 a. 5, to 4 F. M. Saurdays, 12 M.

AQUEDUCT COMMISSIONERS.

Room 207 Stewart Building, 5th floor, 2 A. M. to 4 P. M.
John J. Ryan, Maurice J. Power, William H.
Ten Erce, John P. Windlere and The Mayon
and Comfrontier, Commissioners: Harry W.
Walsers, Secretary: William R. Hill, Ubief Engineer,

DEPARTMENT OF FINANCE. Stewart Building, Chambers street and Broadway, 9

 M. to 4 P. M.
Biso S. Colley, Computeller,
Michael T. Dalv, Endar J. Levry, Deputy Compitellers. Auditing Burrow

Dun F. Gouldberfer, Auditor of Accounts, F. I., W. Schappene, Auditor of Accounts, F. J., Berttman, Anditor of Accounts, Moses Oppendix, Auditor of Accounts, Moses Oppendix, Auditor of Accounts, Daniel R. Phillips, Auditor of Accounts, Daniel R. Phillips, Auditor of Accounts, Erwand J. Gonneyll, Auditor of Accounts, William J. Conneyll, Auditor of Accounts, William J. Lyon, Auditor of Accounts, New York, McKinsky, Auditor of Accounts, Phillips, McKinsky, Auditor of Accounts, Mandoney, Auditor of Accounts, Mandoney, Auditor of Accounts.

Bureau for the Collection of Assessments and Arrear. EUWARD GILUN, Collector of Assessments and

Etward Gilon, Collector of Assessments Artears.

Etward A, Slatter, Deputy Collector of Assessments and Artears, Borough of Mandarian.

James E, Stantoni, Deputy Collector of Assessments and Artears, Borough of The Bronz.

Michael O'Keeper, Deputy Collector of Assessments and Artears, Borough of Brooklyn.

Jone F. Roders, Deputy Collector of Assessments and Artears, Borough of Queens.

Grond Brand, Deputy Collector of Assessments and Artears, Borough of Romond.

Bureau for the Callection of Taxes. DAVID E. AUSTEN, Receiver of Taxes,
Johns J. McDonough, Deputy Receiver of Taxes,
Borough of Manhantan,
John B. Undernink, Deputy Receiver of Taxes,
Borough of The Broax.
JAMES B. BOUGE, Deputy Receiver of Taxes,
Borough of Brooklya. FREDERICK W. BLECKWEAN, Deputy Receiver of Taxes, Borough of Queens, MATTHEW S. TULLY, Deputy Receiver of Taxes, Borough of Richmond.

Bureau for the Collection of City Revenue and of Markets. DAVID O'BRIEN, Collector of City Revenue and uperintundent of Markets, ALEXANDER MEASUM, Clork of Markets.

Sureau of the City Chamberlain.

PATRICE KERNAN, City Chamberlain, Jones H. Camessill, Deputy Chamberlain,

Diffee of the City Paymaster. No. 57 Chambers street and No. 55 Reads street. Jones H. Trassundan, City Paymaster.

BOARD OF PUBLIC IMPROVEMENTS. Now, 13 to 21 Park Row, 18th floor, 9 a, 10, 10 Saturdays, 9 a, 10 12 28, Myunton F. Hountass, President, Jones H. Modern, Secretary.

John H. Modary, Secretary.

Department of Highways.

Nos. 13 to 21 Park Row, a A. M. 10 A.F. M.
JAMES P. KRATIBE, Commissioner of Highways,
WILLIAM N. SHANKOS, Deputy for Monhastan,
THOMAS R. FARBELT, Deputy for Broads,
Lakes H. Maloniey, Deputy for Broad,
Unables C. Wisser, Deputy for Broad,
Unables C. Wisser, Deputy and Chief Engineer on
Richmond, Office, "Richmond Building," corner Richmond Tetrace and York avenue, New Erightson, S. I.

Department or Servers.

mond Tetrace and Vark avenue, New Brightson, S. I.

Department of Severs,

Nos. 13 to 21 Park Row, 9.A. 8. to 4 r. M.

James Kane, Commissioner of Sewers,

Mattriew F. Donomor, Deputy for Manhauma,

Thomas J. Byerses, Deputy for Brook, Office, Third
avenue and One Hindred and Seventy-seventh street,

William Brennan, Deputy for Brooklyn. Office,

Minicipal Building, Room 42.

Matthew J. Goldoren, Deputy Commissioner and
Sewers, Borough of Queens. Office, Hackets Building,
Long Island City.

Henry P. Moreison, Deputy Commissioner and
Life Engineer of Sewers, Gorough of Richmond, Office,

"Richmond Building," corner Richmond Tetrave and
York avenue, New Brighton, S. I.

Department of Bridges.

Department of Bridge.

Nos. 13 to 31 Park Row, y A. M. to 4 p. M.; Saturdays, y A. M. to 12 M.

Jours L. Shisa, Commissioner,
Thumas H. Yosk, Deputy.

Samuer R. Phonauri, Chief Engineer,
Marriew H. Monner, Deputy for Brons.

Hasny Bran, Deputy for Brocklyn.

Juny E. Backers, Deputy for Queens.

Department of Water Supply. Nos. 13 to 21 Park Row. Office hours, 9 A. M. to 4

Nos. 17 for 27 Park Row. Office fourts, 9 A. M. 10 A. P. M.
WILLIAM DALTON, Commissioner of Water Supply, JAMES II, HARLES, Isopry Commissioner, Borough of Mandatum,
Grower W. Burdeall, Chorf Engineer,
W. G. Bynns, Water Registrar,
JAMES Moresty, Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn, Borough of Queens, Long Island City,
THOMAS J. MULLIAM, Deputy Commissioner, Borough of Queens, Long Island City,
THOMAS J. BULLIAM, Deputy Commissioner, Borough of Railmond, Office, "Richmond Building," corner Richmond Terrair and Vork avenue, New Brighton, S. I.
Department of Street Cleaning,
Nos. 13 to 21 Park Row, 9 A. M. 10 4 P. M.

Department of Street Cleaning.

New 77 in 31 Park Row, Q.A. M, to 4 P. M.

Practival E. Naclat, Commissioner.

F. M. Gruson, Deputy Commissioner for Borough of Manharam.

Partner H. Quiene, Deputy Commissioner for Borough of Brooklyn, Koom 37, Manierpal Building, Inosen Limenter, Deputy Commissioner for Borough of The Bronk, No. 234 Willis avenue.

James P. O'Heits, Deputy Commissioner for Borough of Queens, No. 48 Juckson avenue, Long Island City.

Department of Buildings, Lighting and Supplies. Nos. 13 to 21 Park Row, 7 A. M. to 4 F. M. Harry S. Rarrey, Communication of Public Build-ors, Lighting and Supplies. Perses J. Dooling, Deputy Commissioner for Man-

Farm, E. Bert, Deputy Commissioner for The Brone, James J. Kinwis, Deputy Commissioner for Brook-JOHN FOWLER, Deputy Commissioner for Queens, Edward L. Miller, Deputy Commissioner for Rich-

LAW DEPARTMENT.

Office of Corporation Counsel.

Stuats-Zeitung finishing, 3d and 4th floors, q. a. M. to 5r. M.; Shiburdays, g. a. M. to 12 M.

IOHN WHARM, Corporation Counsel,
THEODORE CONSOLV, W. W. LADD, Jr., CHARLES,
BLANDY, GROKGE HILL, Assistants.

WILLIAM J. CARR, Assistant Corporation Counsellor Brooklyn.

bareau for Collection of Arrears of Personal Taxes. Stewart Building, Broadway and Chambers street, A. M. to 4 P. M. James C. Sperche, Assistant Corporation Counsel.

Bureau for the Recovery of Femalics.
Nos. 119 and 191 Nasson street.
Addison T. Kiernan, Assistant Corporation Counsel. Bureau of Street Openings.
Nos. 90 and 92 West Broadway.
JOHN F. DUNN, Assistant to Corporation Counsel.

POLICE DEPARTMENT, Central Office.

No. 300 Mulberry street, g A. M. to 4 v. M. Michard C. Mereny, Commissioner.
William S. Duveky, First Deputy Commissioner.
BREMARD J. YORK, Second Deputy Commissioner.

BOARD OF ELECTIONS.

BOARD OF ELECTIONS.
Commissioners—John R. Voornis (President),
Charles B. Page (Secretary), John Maguing, MiHeadquarters, General Office, No. 301 Mott street.
A.C. Aler, Chief Clerk,
Office, Borough of Munhattan, No. 301 Mott street.
Whillam C. Banner, Chief Clerk,
Office, Borough of The Bronx, One Hundred and
Thirty-eighth street and Mott avenue (Solingen
Building.)
Commission A. Bunner, Chief Clerk,
Office, Borough of Brooklyn, No. 16 Smith street,
Emorae Russell, Chief Clerk,
Office, Borough of Queens, Police Station, Astoria.
Carl Vorden, Chief Clerk.
Office, Borough of Richmond, Staten Island Savings
Building, Stupleton, S. I.
Alexander M. Ross, Chief Clerk,
All offices open from 9 s. m, to 4 s. M, 5 Saturdays,
Q.A. M, 10 11 M;

#### DEPARTMENT OF PUBLIC CHARITIES, Central Office.

Foot of East Twenty-stath street, q.A. M. to 4 P. M.
John W. Keller, President of the Board; Commissioner for Manhattan and Bronx.

Deputy Commissioner,

ADDER H. GORTTON, Commissioner for Brooklyn and Queens, Nos. 106 and 128 Livingston arreet, Brooklyn.

Enward Gineses. Deputy Commissioner, JAMES FRENK, Commissioner of Richmond. Plans and Specifications, Contr. 21. Project in Estimates for Work and Materials for United States and Supplies, Bills and American for United States and Supplies, Bills and American States and Supplies, Bills and American States and States and Supplies, Bills and American States and St

# DEPARTMENT OF CORRECTION.

Grateal Philips

For 148 East Twentieth arrait, 1980c hours from a water 4. May 5 merchants to east.
Francis J. Lakrey, Commissioner,
N. O. Francis, Deputy Commissioner,
Jonet Messenser Gare, Deputy Commissioner to
Boroughase Breaklyn and Guerra.

FIRE DEPARTMENT.

Collect formers for all, except whose otherwise mater, from a A. M. to a r. M. t. Sittermyn, is W.

From a A. 2. 114 y T. 2. 12 the may a 12 of the from a A. 2. 114 y T. 2. 12 the may a 12 of the front of the first of the

DEPARTMENT OF DOCKS AND PERKIES.

J. Sangaray C. A. B., B. and C. Dia J. Sangaray C. A. Frenchen Control of the my, parameter: Pure F. Mayor Common in the William H. Bourer, Sections of the Office figure, a. A. M. is a result Saturday of the

DEPARTMENT OF BEACH.

Southwest corner of Felly Mills are cand State according to the first Mills Burnat Permit and Contactions (1990) 1990 - 1992

open.

John R. Serton, President, and Whiteen F. Beskers, M. D. Josef R. M. D. Josef R. L. M. D. Leville Deriver of the Pearl Hologram, and the Hearth Origins of the Post, At-2001, Common Caspas Goldmann, Secretary province.

Charles F. Roberts, M. D. Villey C. James James Home, Mr. R. Villey, Charles F. Roberts, M. D. Villey C. James Manner.

DEPARTMENT OF PARKS.

Giorgia C. Clay vez, Provident Part Land, Uni-missioner in Mohama and Russian White Hutter Semilary Part Band, Offices, Armad Calarat Part Grands V. Browth, Carantonics in Brookly and

Offices, City Hall, Brooklyn, and Liteland Masson, Prospect Parts About Monobs, Commissioner in the ough of The

rong,
Office, Zimmerki Manaron, Clarennon Pare,
Office hours, q.e., n. 10 q.e., n. 1 Sanarinya, as n.
Art consederates.

SAMPLE P. APRRY, DERIFFE C. FREEDIN C. TROOPS

DEPARTMENT OF BUILDINGS

Main Office, No. on Fourth areate, though of Manhattan Office hours, p. 1. to 1. to 2. South as a set, in 1. to 2. South as a set, in 1. to 2. South as a set, in 1. to 2. South as a set of the thought of the thought of the formal of the formal and The Brunn.

John Dichard Over, Commissioner for the Popular of Brooklyn.

ing The Brum.

John Gelleroyle, Commissioner for the Popolet of Brooklyn.

Daniel Campbell, Commissioner for the Bounding of Queens and Richmond.

A. J., Jonason, Secretary.

Differ at the Department for the Boronghe of Manhattan and The Bruns, No. 220 Fourth agency, borean for Manhattan.

Office of the Department for the Formula of Irally, Borough Hall, Berough of Brooklyn.

Office of the Department for the Formula of Irallyn, Borough Hall, Berough of Brooklyn.

Office of the Department for the Borough of Treems and Richmond, British, New Brooklyn.

Island, Borough of Richmond. Branch office: Reson 1, second floor, Town Hall, Jamaica, Lang Island, Borough of Queens.

DEPARTMENT OF TAXES AND ABBESSMENTS. Stewart Paulding, a. A. M. W. J. P. M.; Sauffday, it u. Thomas L. Farryer, President of the Rosrif: Kilward C. Shinely, Active C. Saladon, Thomas J. Parterson, Fardusan Lavy, Commissioners; Hossy Berlinger, Chief Clerk.

BUREAU OF MUNICIPAL STATISTICS.

Nis. 13 for at Park Raw, Raion jurt. Office hours from a 8. M. to 4 p. M., Sathirdays, from a 4. M. to 22 st. Juns T. Norste, M. D., Clord of Burrain. Manicipal Statistical Limmission: Fortiscine W., Gallot, LL. D., ANTONIO RABBUS, MICHARD T. Wil-son, Jr. Ermort Harving, J. Elegand Jetter, Tromas Gilleras.

MUNICIPAL CIVIL SERVICE COMMISSION,

No. 246 Breadway, c. A. M. to a r. M. Charles H. Krox, President, Alicantese T. Marcos and Welliam N. Dysman, Commissioners. Lee Phillips, Spendary.

BOARD OF ASSESSORS.

Office, No. 328 Brandway, 9 s. st. 10 4 r. st. Edward McCor (President), Edward Compt. Thomas A. Wilson, Petrack M. Havrety and Joins B. Meyesnord, Board of Assessor, William H. Jastes Seismary, Thomas J. Shellay, Cher Clirk,

DEPARTMENT OF EDUCATION.

BUARD OF EDUCATION. Park avenue and Frity-mint arrest, Forenigh of Muo-hattan, 9 A. M. to 5 F. M.: Pattictarys, 9 A. M. to 17 M. Miles M. O'Baira, President: A. EMESSEN PALSIER, Secretary.

School Board for the Boroughs of Manhattan and The Pork avenue and Fifty ninth street, Borough of Man-

hottan, Mr. as M. O'Berna, President; William J. Elles,

School Beard for the Berough of Breedlyn.

No. 173 Livingston arrest, Brooklyn. Office hours, 9 s. 26 15 fr. 26; Saturdays, 7 s. 26; 19 M. Crassins E. Robertson, President; Grunge G. Brown, Secretary.

to bed free of for plu forward of Current. Unchang, Long Island. Parence J. Worm, Prondents June H. Fers, corner, Survey,

series that if for the horough of Hickmont. Without J. Cont. President, States belonds. Without J. Cont. President; Rooms Book

SHERIFF'S OFFICE.

William Building o s. st. to 4 s. st., William F. Hussey, Sheriff: Hassy P. Moterry, Built Sheriff:

"HUBBITTO OFFICE, KINGS COUNTY. Conce Convinces, Bendlyn.
1, 0, 1, 2, 0, baserbays, 12 u.
William Warrier, Sheriff - James Dunse, Violer

ATTEMPT OF PICK QUEENS COUNTY.

County Continuous Long Land City, parkets 4 s. at,
Toron H. He makes a Social's Joseph C. Hesserty,
Denter Street.

SHERIFFS OFFICE, RICHMOND COUNTY, County Convolution, Restaural, S. L., yanning r.m., Francisco, C., Vice, Sterio, Transac, H., Barrison, United Steriol,

RECOURSES OFFICE,

from the say Hall Park, Once hours from a A. M. In 4 r. W. and the park Algorithm from the from a A. M. State of Hill Inc. total ( some higher; Tone Voy Gram, Deputy

BUILDIES, RINGS COUNTY. 

James P. Rome, Beginser, Women D. Tromseria, Dispute Register,

COMMISSIONER OF PUROISS. From 12 aureus Buil-ug, Chaothers arest and brindless (1940-14-2). 1942-1947 (1940-1940-1947). Deputy Commissioners

SPECIAL LIMINDSHISER OF JURDER And the Continue mine and a stage settle H. AV. Labor, Commonweal, Let  $\sigma$  and  $\Gamma$  -from  $\sigma$  ,  $\Lambda$  -disting Commonweal,

COMMODONINOF JURORS RINGS COUNTY, A Court Super Money, Commentum.

COMMISSIONAL OF THORS SUBJECTS Other waters, In A. M. William, H. Samurilays, in a. M.

It thought the two to make concer-

COMMISSION OF THE PURCES, RICHMOND

Was a literate Doministense Was a literate with the second point Commissions, the second seco

NEW YORK COUNTY IAIL. No. to Ladina street. Ca. 9, to 16 v. 96, many, With the T. Cartel, court, Parente H. Preserr, Wanten.

KINDS UNDWEST TYRE Bernand atrest between Williaghia street and Behali seems Bookies, New York William Warren, Sheriff, Richard Benges, Warren

COUNTY CLERKES OFFICE. No. I. at and it New County Court-house, a window to prove County Clark, Green's L. J. amazant, Popular,

KINGS COUNTY CLEICE'S OFFICE. Hall of Remote, Stroneyr, a A. M. to a P. M. Perres P. Heanerty, County Clark,

QUEENS COUNTY CLERK'S OFFICE. jaments, N. V., Franch Ward, Barough of Queens, 100cm journ, April 1 to Delnies v. 8 n. M. to 2 c. M. to 2 c. M. Saturdays, to 2 n. M. Saturdays, to 2 n. M.

to M.

Changy and Supreme Unuri held at the Queens
Limity Count home, Long Island City, Court opens
Trainty Counting Change of the
Land Change, County Clerk,
Change Dominion, Departy Change Clerk,

LICHMOND COUNTY CLERK'S OFFICE. County Office Building Richmond, S. L. 9 4, 40 to #

Lower M. Lores, County Clerk.

NEW LAST RIVER BRIDGE COMMISSION. Commissioners Office, No. 24 Broadway, Borough by Manhatrao, New York, a x, m, to 4 r, m, to 2 r, m, Learn Nilson, Provident; James W. Boyle, Vice-Persolant, James B. Bott, Searchary; Johans D. James and The Mayor, Commissioners.

Chief Engineer's Office, No. 24 Broadway, Brooklyn, L. D., 9 a. M. 10 T.P. M.

DISTRICT ATTORNEY.

New Criminal Court Building, Centre street, p. A. M.

Process A. Parlous, District Attorney; William J. McKessea, Chool Law Clerk.

KINGS COUNTY DISTRICT ATTORNEY. the County Court house, through of Brooklyn, Jame C. I Lieux Busifiet Attorney.

QUEENS COUNTY DISTRICT ATTORNEY. Office, Queens County Court-house, Long Island City, 9.8, 98, 10, 16, 88, Jones B. Mesonia, District Autorney, Charrests A. Datw, Chief Clerk, RICHMOND COUNTY DISTRICT ATTORNEY. Peri Richmona 5. L Forward S, Rawins, District Attorney.

CORONERS. Borough of Mardontum.

Office, New Criminal Court Building, Typen at all times of day and night.

Erros en T. Firstarence, Jacon E. Bauwen, Enwarn
W. Haer, Astrono Zunca.

Borough at The Bronz. No. 76: East One Hundred and Sixty-aixth street, Open from E. M. to 18, militaight.

ARTHORY McOWER, THUMAS M. LYNCH. Borough of Brooklyn.

Office, Room 17, Borough Hull. Open all times of day and night except between the hours of 12 it, and 5 r. M. on Sandays and Indidays. Alerstone J. Bracker, Gronce W. Delar.

Sopough of Queens.

Office, Borough Hall, Fultura arrest, Jamaica, L. L.
Perrar T. Caosca, Leopana Rucer, Jr., and Sancia.
S. Gov. Ir.
Connects J. Schneller, Clerk.

Borough of Richmon L. No. 04 New Vork avenue, Reschank. Opin for the transmitten of leasuress all hours of the day and highl. Jone Seaven, Dwarde C. Takarren,

SURROGATES COURT.

New County Court-house. Court open from a A. at. in a r. S., except sainthare, when a cross of a r. f. France E. France E. France C. Thomas, Surroquine C. Williams, Charles Charles C. Cha

KINDS COUNTY SURROGATE'S COURT. Hall of Records, Brooklyn. George d. Arrun; Sorrigane. Microsau S. McGannera, Chief Clerk. Cunet opens so A. M. Office towns 9 s. m. to 4 r. M.

COUNTY JUDGE AND SURROGATE. County Office building, Redemond, S. L. Syrvines, D. Syrvines, County Judge,

CHANGE OF CRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS,

Rocus J., Schermerhorn Hallding, N. Proadway. Meetings, Mondays, Weomadays and Eridays, ar

William F. Stillings, Chairman; Charles A. Januar, Oscas S. Baley, Commissioners, Languet M. Loughlan, Clerk,

EXAMINING BOARD OF PLUMBERS.

Booms, 14, 15 and 10, Nos. 140 to 151 Church street. President, Julia Reviews, Secretary, Jacob E. Makowawa, Treasourer, Elwann Harry, Housen London, P.J. Assurer, exception.

100cc open during leasiness hours every day in the year, syrept feral hobbarys. Examinations are held on Monday, Walnesday and Friday after 1 5, 8.

KINGS COUNTY TREASURER, Court-house, Room 14.
Jone W. Kirrail, Tronsurer, Thomas F. Farrell,
Dopoly Treasurer,

QUEENS COUNTY COURT. County Court-house, Long Island City, County Court opens at a. s. a. st.; adjourns at a.r. st. County Indge's office always open of Finshing, N. V. Hanneson S. Master, County Judge.

THE COMMISSIONER OF RECORDS, KINGS COUNTY. Room a, Hall of Records, Office hours, a & at to

F. M.
Linuxue E. Waldo, Commissioner.
France M. Todowski, Deputy Commissioner.
Todokac D. Mozacwa, Superiormiden.,
Joseph H. Geneville, Secretary.

SUPREME COURT.

SUPREME COUET.

COMMY COURT-home, so 30 A. M. bo 4 D.
Special Torm. Part I., Room No. et.
Wheel's Office, Part II., Room No. 11.
Special Torm. Part II., Room No. 12.
Special Torm. Part III., Room No. 12.
Unit's Office, Part III., Room No. 13.
Special Torm. Part IV., Room No. 16.
Special Torm. Part IV., Room No. 16.
Special Torm. Part IV., Room No. 18.
Trial Torm. Part III., Room No. 18.
Trial Torm. Part IV., Room No. 19.
Trial Torm. Part IV., Room No. 19.
Trial Torm. Part IV., Room No. 29.
Clerk's Office, Appellant Torm. Room No. 29.
Naturalization Bureau, Room No. 21.
Assignment Bureau, Room No. 22.
Clerk's Office, Appellant Torm. Room No. 28.
Appellant Torm. Part IV., Room No. 28.
Appellant Torm. Part IV., Room No. 29.
Naturalization Bureau, Room No. 21.
Assignment Bureau, Room No. 28.
Appellant Torm. Part IV., Room No. 29.
Naturalization Bureau, Room No. 28.
Appellant Torm. Part IV., Room No. 29.
Naturalization Bureau, Room No. 29.
Lerk's Office, Appellant Torm. Room No. 29.
Naturalization Bureau, Room No. 29.
Naturalizatio

CITY COURT OF THE CITY OF NEW YORK No. 32 Chambers street, Brown-stone Building, Ciry-Hall Park, form 50 & St. to 4 r. M. General Term, Trial Term, Part I.

Part II. Part III. Part IV. Special Term Chambers will be held to A. M. to 4

P. M. Clerk's Office, from 9 A. M. 10 4 P. M. JAMES M. FITZSIMONS, Chief Justice: Jewis H. McCarthy, Lewis J. Corlan, Joint P. Schutzman, Etimanu F. O'DWYRE, Theorems F. Hascall, Francis H. Delkhanty, Justices. Vitomas F. Smith, Clerk.

CRIMINAL DIVISION, SUPREME COURT.

New Criminal Court Building, Centre street. Court
opens as to 30 o'clock A. T.

Euwaku R. Carrott, Clerk. Hours from 10 a, M. to

APPELLATE DIVISION, SUPREME COURT.

Court-house, Midison avenue, corner Twenty-fifth street. Court opens at 2 p. 26.

CLARIEN H. VAN BRUKY, Presiding Justice. CRESTER B. McLaudhiller, Edwarder Patriceson, Morean J. O'Burky, Generot L. Ingulatam William Romsey, Edward W. Hatch, Justices. Alfred Wallstaff, Clore: William Lawn, Jr. Deputy Clerk,

COUNTY COURT, KINGS COUNTY.

County Court-bonse, Brooklyn, Roome 15, 22, 27 and 27. Court opens 10 h, M, daily, and sits antil harmons is completed, Part I., Room No. 25, Part II., Room No. 10, Court-bonse, Clerk's Office, Rooms 22 and 25, 5pen daily from 9 h, M, 30 J F, M.; Saturdays, 12 M.

Justin Astronata and Wa. B. Huan, Jr., County Diges, James S. Regan, Chief Clerk.

COURT OF GENERAL SESSIONS.

COURT OF GENERAL SESSIONS.

Held in the holding for Oriminal Courts, Centre,
Elm, White and Frunklin streets. Court opens at hallpest to o'clock.

Rives B. Cowing, City Judge; Jones W. Gorr, Remiller; Joseph E. Newmencies, Martin F. McManon
and Warney W. Fostro, Judges of the Court of Genard Sessions, Edward R. Carnolla, Cier.

Clock's office open from q a. m. 10.4 r. m.

COURT OF SPECIAL SESSIONS.

CODERT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Froaldin and White streets, Dornoph of Manhattun, Court opens at to A.M.

Anticox—First Division—Eliza II. Horsome, Malanta Travers Judone, Wallan E. Wyalt, Jones R. McKran, Christophen, Wallan E. Wyalt, Jones R. McKran, Wallan C. Holsenor, Wallan M. Felling, Clerk; Joseph H. Jones, Deporty Clerk.

Clerk's office open from 9 a. M. to 4 b. M.

Second Hivesion—Trial days—Horsogn Hall Brock-lyn, Mondry, Wellerston, and Fridays, at 10 o'clock; Town Hall, Januara, Borough of Queens, Thesdays, at 10 o'clock Town Hall, New Brighton, Borongh of Richmond Thursdays, at 10 o'clock, Town Hall, New Brighton, Borongh of Richmond Thursdays, at 10 o'clock, Town Courtsey, Haware J. Fiorker, Pathers—Town Courtsey, Haware J. Fiorker, Pathers—Town Courtsey, Haware J. Fiorker, Pathers—Dorn Courtsey, Haware J. Fiorker, Dornald, Jones H. E. Kernellan, Urek's John J. Dornald, Deputy Clerk, Clerk's—Bire, Larrough Hail, Foreuga of Brookfry, open from q & M. so s s. M.

CITY MAGISTRATES COURTS.

COURTS OPER FORM OF A SECRET STREET OF THE STREET S

and Third ovenue.
Seventh District - Fifty-fourth struct, west of Paglath avenue. Sections Division.

Become Division,
Berough of Brooklyn,
First Director—No. 32 Adams street. Engage J.
Berough of Brooklyn.
Second District—Coat and Butler streets. Jaure
G. Tronto, Magistrate.
Third District—Myttle and Vanderbilt avenues,
Jours Natonia, Magistrate.
Fourth District—Nos. 9 and 8 Lee avenue E.
Gaston Historicture, Magistrate.
Fifth District—Form and Powers streets. France
E. O'Replity, Magistrate.
Sight District—Bates and Read avenues. History J.
Frances Magistrate.
Seventh District—No. 11 times street, Flatbush.
Alment E. Steine, Magistrate.
Fighth District—Coney Island. Alment Van Beury
Vooccess, Jr., Magistrate.

Borough of Omens,

Borough of Queens,

First District—Nos. 21 and 23 Jackson avenue, Long Island City. Macronw J. Esseri, Magistrane, Second District—Floring, Long Island, Long J. Consularyon, Magistrate. Third District—Far Rockaway, Long Island. El-MOND J. HEALY, Magistrate.

Borough of Richmand.

First District—New Erighton, States Island. John Crown. Magistrate.
Second District—Stapleton, States Island. Naturalist Marsu, Magistrate.
Secretary to the Board, Jasum J. Chambers, No. 3t3 Adams street, Borough of Brooklyn.

MUNICIPAL COURTS. BOROLON OF MANHATTAN,

EGEORDICH OF MANHATTAN.

Form District—Third, Frifth and Eighth Words, and all thus part of the First Ward lying west of Bloadway and Whitehall street, including Governor's Island, Bodlow's Island, Effic Island and the Oyster Islands, New Court-longe, No. 198 Prince street, corner of Wooster street.

Daynet E. Frest, Justice. Frank L. Bacon, Clerk, Clerk's office open from a A.M. to 4 y. M.

Second District—Second, Fourth, Sixth and Fourtmenth Words, and all that portion of the First Ward lying south and sast of Broadway and Whitehall street, Court-room, course of Grand and Centre streets.

Hannes Balter, Justice. France Manata, Clerk, Clerk's office open from a A.M. to 4 t. M.
Court opens daily at no A.M., and remains open until daily calendar is disposed of and close of the daily business, except on Sundays and legal holidays.

Third District—Ninth and Fifteenth Wards. Court-

Third District—Ninth and Fifteenth Wards. Courtroom, southwest corner Sixth avenue and West Tenth street. Court open duily (Sundays and legal holidays excepted) from 9.4. M. to 4 F. M.

WM. F. MOOKE, Justice. DANKE WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Court opens 9 A. M. dolly, and remains open to close of business.

Groven F. Rossen, Justice. Jour E. Lynen, Clerk, Cot.

Gronge F. Rousen, Justice. Jours E. Lynch, Clerk, Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-from, No. 754 Chinron street.
Bersjamin Hoffman, Justice. Thomas Piteratrick, Clerk, Clerk,
Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest owner Twenty-third afreet and Second avenue. Court opens 9 A. M. daily, and non-tinues open to close of ousness.
Dasnes F. Maerits, justice. Ameam Bernard, Clerk, Seventh District—Nineteenth Ward. Court-room, No. 752 East Fifty-seventh street, Court opens every morning at 9 o'clock (except Sundays and legal hondays), and continues open to close of lustices.
Hernard Joseph, Justice, Parrick McDavert, Clerk.
Eachth District—Sixteenth and Twentieth Wards.

Eight District—Stateenth and Twentieth Words. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 10 A, 31, and continues open to close of business.

Clerk's office upon from 9 A. M. to 4 r, M. ench Court

day.

Trial days and Return days, each Court day.

JOSEPH H. STINER, JUSTICE. THOMAS COSTIGAR.

Clerk.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox acenue. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Chart opens avery marring at a o'clock (except Sundays and legal holidays), and continues open to close of businesse.

Insura P. Fallon, Justice. William J. Kenneny, Clerk.

Clerk's office open daily from o A. M. to 4 P. M.

Tenth District—Twenty-second Ward and all that portion of the Twelith Ward which as bounded on the north by the centre line of One Hundred and Tenth street, on the small by the centre line of Kighty-Street, street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-crom, No. 314 West Fifty-fourth street. Court-opens daily (bundays and legal holidays excepted) from 5 A. 81, to 4 S. M.

M. Thomas E. Mueray, Justice. Hugh Grant, Clerk,

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth attect and west of the contre line of Lenor or Sisth avenue, and of the Harline river north of the terminus of Lenor or Sisth avenue. Court com, corner of One Hundred and Twenty-sixth streat and Columbus avenue. Court opens dially (Simdays and logal holidays excepted), from no A. M. to a r. M. Phasees. I. Wongester, Justice. Henry II. Wilson, Clerk,

BORONGE OF THE BROWN

First District—All that part of the Twenty-fourth Ward which was fately concered to the City and County of New York by chapter 1934 of the Laws of 1852 Enginesing all of the late Trees of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Westschester and Pelham, including the Villages of Westschester Williage. Court-count, Town Half, Main surest, Westchester Village. Cross opens doily (Sundays and legal heitsly) styriges of the County of

Clark. Second District—Twenty-third and Twenty-learth Wards. Conti-room, cortest of Third arcme and One Hundred and Filty-eighth street. Office hours from y & 16. In 49 ft. M. Court opens at 10 at 18. Junto M. Tirresov, Justice. Hower See en, Clark.

BORGGOIN OF BROWNING

First District—Comprising First, Second, Third, Fenril, Fifth, Society, Touch and Twellth Wards of the Burough of Bundlyn, Court-house, northwest sorter State and Court streets.

Jone J. Watton, Justice. Entwares Mean, Click. Clark's office open from J.A.M. to 18. M.

Second District—Seconds, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Tw. my-second and Twenty-third Wards, Court-rain bestel a No. 74 Brandway, Brooklyn.

Gestarn B. Van Wast, Justice. William H. Allian, Gestarn B. Van Wast, Justice. William H. Allian, Gestarn B. Van Wast, Justice.

Clere, Charle's affice open from q at M. 10 q r. 21.

Louris Distroit - Twenty-fourth, Twenty-foth, Twenty-sexth, Twenty-sextha and Twenty-sighti Wards, Court-neon, No. 14 Howard arenue.
Thomas H. Williams, Justice. Heman General moor, Clerk: James F. Stavett, Assistant Clerk.
Clerk office apen from § A. M. to § F. Mc.

Firm Descript—Twenty mark, Therrisch, Therry-first and Therry-second Wards. Construction on Fath acc-nic and Bay Twenty second street, Rath Brach. Crimentons. Eventuality, Justice. Jeannian. J. Clause Mark. Lokey, Clerks Clerk's other open from g A. M. to a P. M.

BOROGOR DE QUERRE.

First District—First Ward (all of Long Island City, homeely composing her Words). Controvan, Queens County Court loose (locand temporarily).
Thomas C. Kadins, Justice. Thomas F. Kattiny, Clerk.

Clerk. Office upon from g A, m. to § V. M., each week day. Court held ends day, except catheday.

Second District—Second and Third Wards, which include the territory of the late Towns of Newtown and Husbing. Court-recom to Court boses of late Town of Newtown of Newtown, corner of Brandway and Court street, Elminard, New York. P. O. address, Elminitat, New York.

York.
Whilam Ranguin, Jr., Justice. Herry Walter,
Jr., Clerk.
Clerk's office open from y s. M. to 4 F. M.

Third District—Jable F. McLaconda, Justice; Ground W. Damos, Clerk. Court-house, Town Hall Jamaica. Clerk's office open from g A. M. 10 a. F. M. Good held on Mondays, Wednesdays and Fridays, of 10 A. M.

Banadar of Richmond,

First Distrim—First and Third Wards (Towns all Carderon and NorthWeld). Const-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

June J. Kenney, Justice. France F. Leman, Clerk, Court office open from 9 s. M. to 4 v. M. Court hold such day, except Sotuctary, from 18 k. M.

Second District—Second, Fronth and Firsh Wards (Towns of Middletown, Southfield and Westfield), Court-room, former Edgewater Village Hall, Stapleston.

tim.
Gronge W. Stake, Justice: Perser Tipenas, Clerk,
Court office open from 9 A. M. 144 F. M. Court hold each day from 10 A. M., and continues until vivae of business.

DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS, No. 200 FOURTH AVERUE, BOROUGH OF MANHATTAN, NEW YORK CYPY, July 17, 1901.

STARTING ON JULY 20, root, THERE WILL be a series of full-sized weight tests of the Guy B. Waite three feet, four feet, five feet and six feet flat floor arch construction at No. 507 West Fourteenth street, florrough of Manhattan, under the supervision from arch rouses. Manhaman, street, Borough of Manhaman, street, Borough of Manhaman, of the Board of Buildings.

A. J. JOHNSON,
Secretary, Board of Buildings.

POLICE DEPARTMENT.

POLICE DEFARMENT OF THE CITY OF NEW YORK, NO. 300 MULBERRY STREET.

TO CONTRACTORS. PROPOSALS FOR ESTIMATES.

SEALED BIDS OR ESTIMATES FOR SUPPLY-ing the Police Department with Coal will be received at the Central Office of the Department of

Police, in The City of New York, until re o'clock &, M.

TUESDAY, JULY 30, 1901.

The following are the supplies required, vir.:

No. 1. FOR FURNISHING COAL IN STATIONHOUSES, FFC, IN THE BORDUGHS
OF MANHATTAN, THE BROWN AND
RICHMOND.

No. E. FOR FURNISHING COAL IN STATION-HOUSES, ETC., IN THE BOROUGHS OF BROOKLYN AND QUILENS. The amount of security required will be as follows:

h Estatata (1900-1914). K Estatata (1900-1914).

The person or persons making an estimate shall furnish the same in a scaled envelope, independ with the title of the supply referred to and the number thereof, and with his or their name or onnes, and the that of preconation, to the head of said Department, at the said since, on or before the day and brownings anneed, at which time and place the estimates received will be publicly copined by the head of said Importance and read, and the award of the contract made to the howest holder with adaptate security, as soon that all erac practicable; if deemed for the heat interests of the City so to do.

The read is to be free harming, of the first quality of cities of the kinds known and mined as follows!

"Semation." Is the Delaware, Lackawanna and Western Railroad Company, or the New York, Ontario and Western Railroad Company, or the New York, Ontario and Western Railroad Company, or the New York, Ontario and Western Railroad Company.

Conpour,

" Parsion," by the Pennsylvania Coal Company,

" Will-slaure," by the Lehick and Willesburge Coal

Company, by the New York, Susquelmana and Western Railward Committy.

Budges will state the land of anthractic coal they propose to literach by giving the name of its mine or other hardness appellmans.

The Police Commissionies has the right to reject all hids should it be deemed to the interests of the Lity so to be.

The Police Commissioner has the right to reject all bids should it be deemed to the interests of the City so to de.

The roal is to be delivered during the year upon in such quantities and at such times and places as the fraperior of Repairs and Singlies of the Police Department may direct.

Each estimate shall acomism the asince and places in residence of the presson toubing the same, the common of all persons increased with him therein and in an other person toubing the same, the common of all persons the set interested it shall distinctly state that fact; that it is made without any simulation with any allow person making an estimate for the imperioral residence of the Manierpal Associaty, headed a department case of a horsest depart thereof or direct therein, or other officer of the Corporation, is directly articulated to the imperior of the matter of the horsest of the part of the horsest of the part of the horsest of the section of the prints of the part of parties and particulation of the prints thereof. The estimate must be sectionally the much in vertice, of the party or parties making the estimate for the accordance and the section of the prints thereof. The estimate must be sectionally the much in vertice, of the party or parties making the estimate flat the accordance and the estimate, that the accordance is the continuous of the estimate of the total accordance of the continuous of the estimate of the total accordance of the continuous of the estimate of the total accordance of the continuous of the estimate will be accordance to the section of the party or the accordance of the continuous of the party of New York, or of a continuous of the estimate will be accordance of the continuous and section of the party of the accordance of the continuous of the party of the accordance of the continuous of the party of the accordance of the continuous of the party of the accordance of the continuous of the party of the accordance of the continuous of the party of the accordance of the continuous of the party

New York, July 10, 1901.

Police Department—City of New York, 1899.

OWNERS WANTED BY THE PROPERTY
Clerk of the Police Department of The City of
New York, No. 1923 Mulicarry street, Room No. 19, for the
following property, now in his cautody, without cloimnuis: Boats, respe, troe, load, and conflicted chutding,
boots, there, wine, blanders, diamonds, canned goods,
fuques, cit.; also small amount money taken from
prisoners and found by Patrolmen of this Department,
ANDREW J. LALOR,
Property Clerk. POLICE DEPARTMENT—CITY OF NEW YORK, 1800

POLICE DEPARTMENT—CITY OF NEW YORK, 
BOSOUGH OF BUSINESS.

WINERS WANTED BY THE DEPUTY PROPERTY Clark of the Polive Department of The City of New York—CHOC, Mandelpad Building, Borough of Recoklyn—our the following property, now in his circody, without claimants! Boats, rope, iron, lead, male and female clothing, boirs, whore, wire, blankers, dia monds, canued goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

CHARLES D. BLATCHFORD,

Deputy Property Clerk.

# DEPARTMENT OF CORRECTION.

DEPARTMENT IN CORRECTION—CITY OF NEW YORK, I BEINDER OF MASHAYTAK, I SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the office at the Department of Correction, No. 248 East Twentieth attrect, in The City of New York, until 11 A. H. on

THURSDAY, JULY 35, 1991, for furnishing and delivering the following-amplies and performing the work set forth, viz.:

Borough of Brooklyn. No. 1, FOR FURNISHING LUMBER AND MIS-CELLANEOUS ARTICLES.

Borough of Manbattan.

No. 2. FOR FURNISHING STEAMBOAT, AND STABLE GOODS AND UTENSILS, PLUMEERS AND PAINTERS SUP-PLIES, HARDWARE, LUMBER, LIME AND OTHER MISCELLANEOUS SUP-

AND OTHER MISCRIDARY
PLIES.
The time to be allowed for the full completion of each contract and the amount of security required for the faithful performance of the several contracts mentioned above are respectively as follows:

Time.

On Contract No. 1, in ten days after notice. On Contract No. 2, during 1941.

Security.

Society.

The person or persons making an estimate shall furnish the same in a neaded envelope, indeped with the still given above, of the work for which the estimate is made, with his or their name or names and the date of forestentiation, to the head of said Department, at the said office, on or before the date and hour above named, at which time and place the estimates received will be

publicly opened by the head of said Department and read and the award of the contract made according to low as soon thereafter as practicable.

Lach estimate shall contain the name and place of reordence of the person making the same, the distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without only connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud and that no member of the Municipal Assembly, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein or in the supplies or work to which it relates, or in any parties making the estimate that the several matters stated therein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or fresholders in the City of New York, or of a guaranty or surely manpany daily authorized by law to acras a surely and shall contain the matters set forth in the blank form of bid mentioned below.

No estimate will be received or considered unless accompanied by a certified check or money to the amount of the per centime of the amount of the bond required, as provided in section axo of the Greater New York Charter.

Eur particulars as no the quantity and quality of the supplies, or the nature and extent of the work required, not the outerfuls to be immediated to theleas are referred to the unterfuls to be immediated by bidders are referred to the unterfuls to be immediated in the limited to the town of the outerfuls to be immediated, as provided in section axo of the Greater New York Charter.

Eur particulars as no the quantity and quality of the supplies, bridgers are requested to the primed specifications.

Fig. 1. LANTRY the commissioner, a map of the work the proper of the contract, including the specifications in the torm appr

FRANCIS J. LANTRY.

#### MUNICIPAL CIVIL SERVICE COM-MISSION.

Ministral Civil Service Communion, No. 140 Becanway, New Vinic, July 15, 1901.

PUBLIC NOTICE IS III FE BY OFVEN THAT on open competitive enameration will be table for the onlying of ANEMAN, common range July 4s, 2ger. The subjects of the examination will be as follows: Hondwriting.

Arithmetic.

Technical knowledge.

Experience.
The time of filing application for said examination will expire on Monday, the and day of July, (50r, at 4 r, 8).

LEE PHILLIPS,

Musicipal Civil Service Commission (
No. 346 Broadway,
New York, July 15, 2-31)

DUBLE NOTICE IS HEREIN GIVEN THAT

an open competitive essentiation will be the position of SUPERINTENDENT OF CONSTRUCTION (Aqueduci Commission), a day, Angust 6, 1909.

LESS PHILLIPS

MUSICIPAL CIVIL SERVICE COMMISSION,
No. 346 BROADWAY,
New York, July 13, 1901.

PUBLIC NOTICE IS HEREBY GIVEN THAT
an open competitive examination will be held for
the position of ASSETANT BACTERIOLOGIST,
on Monday, July 20, 1907.
Second grade, annual compensation more than \$100,
but not more than \$100.

The subjects of the examination will be as follows:
Technical knowledge,
Experience.

Experience.
Markematics.
Reports.

LEE PHILLIPS, Secretary,

MUNICIPAL CIVIL Sarver Commusium, No. 340 Broadway, New York, July 13, 1902.

NEW YORK, July 13, 1902. I

DUBLIC NOTICE IS HEREBY GIVEN THAT
an open competitive examination will be held
for the position of ASSISTANT BACTERIOL.
UGIST, on Washesday, July 31, 1904.
Thirt Grade, control compensation more than \$900
but out more than \$1,200.
The subjects of the examination will be as follows:
Technical knowledge.

Reports.

Candidates for the above position should be able to earry on original investigation.

LEE PHILLIPS,

Scarriary.

# DEPARTMENT OF DOCKS AND FERRIES.

PHILIP A. SMYTH, AUCTIONEER, WILL

THURSDAY, JULY 25, 1961,

commencing at re o'clock a. M., at the fact of West Thereenth street, in the Borough of Manhattan, and continuing at the places designated, the following lots of old material:

At Foot of West Thirtventh Street, North River

Lut No. 1. The ferry-house (except the floor of same), recently occupied by the Pennsylvania Railroad Company south of and near the foot of West Thirteenth street, North river, together with the fence inclosing the platform south of same.

The greater portion of the ferry-house The greater portion of the ferry-house is built with iron columns and trusses and covered with cornegated iron. It extends about 120 feet along Thir-teenth avenue, and is about 44 feet

teenth avenue, and is about 44 feet deep.

The purchaser shall take down, remove and dispose of, in accordance with the law, all of the material in the above structures, except the floor of the ferry-house, within 20 days from date of sale. If the purchaser fails to effect the removal of all material within 20 days from date of sale, he shall forfeit his purchase-money and the ownership of the material.

The purchaser shall not throw over-loard or allow to go addid any of the material of the above structures. The purchaser shall take all the necessary precantions to guard and protect persons and property from injury on account of his operations in the mking down and removal of the above structures.

About 9,300, B. M., feet white oak 5-inch and 2-inch plank.

M Plee Foot East Minimuch Street, East River,

a 44 into tractor, what A p. 28 fort hour, warron tractor, or interest deep, at four long,

About 1 the second of the seco

At Wallahout Barry Barragh of Branklyn

All influence with the second of Breaklys.

Lat No. 2. Raft of about a spatial piles. Average length about a patial piles. Average length of a inches by no inches and a network of a inches not. Length about a new of a point when a length of a inches not. Length about a new of a point when a second of a point about a new of a point a new of a point a new of a point a new of a new of a point a new of a new of a point a new of a ne

Seet width obset a fast, depth about a fact.

19. One commonse, generally ut one piles and columns. About at piles, About a price, about a price, width about as feet, apth about a feet.

18. Rait, generally a feet as yellow pine. Length about a feet.

19. Rait of seed about a feet, width about of feet, depth about a feet, width about a feet, width about a feet, with infent a feet, depth about a feet, with infent a feet, depth about a feet, with infent a feet, depth about a feet, and a feet, and a feet, a feet, depth about a feet, and a feet, and a feet, a feet

47 feet, width aloust 28 feet, depth notes a feet, september 2 feet, a feet, and a feet, and a feet, width about 40 feet, width about 40 feet, width about 40 feet, depth about 4 feet, and a feet, depth about 4 feet 2 feet, and a feet, and a feet 2 feet

Tayon or Said.

The sale will commence at an illect A, M.
Each of the above for a will be sold apparately and for a sum an guess.

The estimated quantities stated as its in the several lots are believed to the means but its Department will me made any allowances from the pirchase meany for short deliveries on any full and budgers must judge for themselves as to the correction of the estimate of quantity when making their bids.

The catamarum manifected of the above loss are not included in the sale, and are not no semoned from the Wallabout Bosin.

If the purchaser or purchasers halfs or fail to effect the removal of the material within the day from the date of sale (excepting Lot No. 1), he or they shall forfied his or their parallals into any promoters and the ownership of the material.

Terms at sale to be rash, to be paid at the time of sale.

dis.
An order will be given for the momental purchased.
Bated New York: July 21, 1992.
J. SERGEANT CRAM,
PHAS. F. MURTHY,
PETER R. MEVER,
Commissioners composing the Board of Docks.

DEPARTMENT OF LOVIES AND PRIMES, ORE JA." HATTERY PLACE, NORTH RIVER, NEW YORK CITY,

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED offes OR ESTIMATES WILL BE received by the Bound of Docks, at the office of said Bourd, on Pier "A," from of Battery place, North river, in The City of New York natile o clock, F. w., on

MONDAY, JULY 82, 1901,

at which time and place the estimates will be publicly opened by the head of said Board;

opened by the bead of said Board;

No. 784, FOR PREPARING FOR AND BUILDING A NEW WOODEN PIER, WITH
APPURTENANCES, AT THE FOOT
OF WALL STREE; EAST RIVER,
BOROUGH OF MANHAITAN, TO JE
KNOWN AS PIER NO. 18, EAST
RIVER,
All the work to be done under this

BOROUGH OF MANHATTAN, TO HE KNOWN AS PIER NO, 18. EAST RIVER.

All the work to be done under this contract (except about 35 feet of the inshure end of the pier, which may not be constructed until the bulkhead wall is constructed by the Department of Docks and Ferrices) is to be wholly completed on or before the expiration of minety days after the date of service of nonfication to begin said work, and the said 35 feet are to be completed within farty-five days after notice shall be given to the contractor by the Enginem-th-Chief of the Department.

The security required will be Ten Thousand Dellars.

The person or persons making a bid or estimate shall farmish the same in a scaled envelope, inderest with the fiftle given above of the work for which the estimate is made, with his or their name or mouses and the date of freewindston, to the head of said Department, at the said office on or hedore the date and hour above named, at which time and place the estimates received will be publicly opened by the head of said Department and read, and the award of the womenature made according to law as soon thereafter as possible.

Each hid or estimate shall contain the same soull place of residence of each of the person making the same, the names of all persons interested with him therein, and if no other person he so interested with him therein, and if no other person he so interested with him therein, and if no other person he so interested it should distinctly state that fact, that it is made without any consection with any other person making an estimate for the same purpose, and is in all respects fair and without collinsion or fraud, and that no member of the Municipal Assembly, head of a department, chief of a lurreau, deputy thereof or clerk therein, or other officer of the Corporation is directly or indirectly interested there in or in the supplies or work in which it relates, at in any portion of the profits thereof. The hid or estimate unit is partied multiple of the distribution of the profits thereof. The hid

remping duly authorised by his to act as sarety, and shall cristians the malters set furth in the blank form of both continued below.

No had an estimate will be considered unless accompanied by either a certified clock spring on the frame or introduced to the comproduct of the City of New York, drawn to the protect of the Comproduct of The City of New York, drawn to the protect of the common of the protect of the common of the protect of the amount of the amount of the amount of the security regulated, as provided in section and the forester. For particulars as to the quantity and quality of the manufactal the maintenant extent of the writering of the maintenant extent of the writering of the maintenant extent of the writerings.

The Branch is critical to be received from the transmission of the City of the operation of the rest of the control of the control including the specifications, in the form appropriate by the Corporation Counsel, can be obtained upon explication therefore at the order of the board.

Patrick A. Sharat. Aperiments.

Princip A. Sharat. Aperiments.

PRILIP A. SHVIR. AUCTIMERS.

SALE OF FERRY TRANCHISES.

The transchisis for operating the forces become indicate infigure taking with the charf property belonging to the 11ty need or engine for large purposes, simulated in the flast river, without the flag or New York, so follows will be obserted for sale by the Board or Down, in public aminon, in the blackest bother, at their "A." Luttery place, North river, in EFFET, MI

FRIDAY, JULY 19, 1901,

at a n'clock et at, for a term of ren years from May e,

FRIDAY, JULY 19, 1901.

at a niclock v. m., for a term of ren years from May v., 1931, or wit:

1. The Fullers Ferry, to and from Follow street in the Bonning of Breadlyn, in The Lity of New York, 2009, 2009, 2019.

3. The Library Ferry, to and from Follow street in the Bonning of Breadlyn, in The Lity of New York, 2009, 2009, 2019.

3. In the Bonning of Breadlyn, in The Lity of New York, 2009, 2009, 2019.

4. In the Bonning of Breadlyn, in The Lity of New York, 2009, 2009, 2019.

5. In the Bonning of Mandantan, the angles of any of the Bonning of Bulkhardt, dip and the required modes now occupied by Bonnes or guarde for protection debited the racks or piles in the adoption and Feeries; and also, all that certain what property converting of bulkhardt, slips and adjacent piers now used and required for berry purposes at the least of Fullow street, in the Borningh of Breside, and the Wall street, to the Borningh of Mandantan, to and from Monningue street, is the Borningh of Breside, in The City of New York, consisting if one leave York, comparing all that carning dates property belonging or The City of New York, consisting if one leaves the Romagh of Breside, in the Borningh of Mandantan.

5. The Cartarine Ferry, from and in Catharine threat, in the Borningh of Mandantan.

5. The Cartarine Ferry, from and in Catharine threat, in the Borningh of Mandantan.

5. The Cartarine Ferry from and in Catharine threat, in the Borningh of Mandantan.

6. The Cartarine Ferry from and in Catharine threat, in the Borningh of Mandantan.

7. The Cartarine Ferry from and in Catharine threat, in the Borningh of Mandantan.

8. The Cartarine Ferry from and in Catharine threat, in the Borningh of Mandantan.

9. The Cartarine forty from the first house of Mandantan and Inquired the inference of Mandantan.

10. The Scatch Ferry from and to White Industry of Mandantan and Inquired the male of Mandantan and Inquired the male of the Sinking of Mandantan, and the Greyold of Mandantan and Inquired the Borningh of Brooklyn.

10. The Scatch Fer

TERMS AND CONDITIONS OF EALE.

The leaves will be sold subject to the approval of the orms thereon by the Communicates of the Sinking

The lease will be sold subject to the approval of the terms thereon by the Commensioners of the Sinking Fund.

The tranchine or the right to operate and forces shall be sold all together under one told as the highest hilder, with a lease of the said wharf properly belonging to the tity, used and required for the terry purposes at the respective landings of and forcies, in the circs of New York and Brooklyn; the appear price at which same shall be offered for sale is hereby appealsed and fixed at a, percent, of the gross receipts per unuum. The highest budder or purchases rot the lease other than the Union Furry Company of New York and Brooklyn, will be required to purchase and pay for the property of and company at the appraised valuation thereof to wit; \$3,223,402.

No bids will be received which shall be less than the upon price mentioned above.

The purchases will be required at the time of sale to pay, in addition to the auctioner's lee, to the Department of Docks and Ferries \$5 per cent, of the amount of the annual way hid as security for the execution of the lease, which \$5, per cent, will be applied to the payment of the rest first according under the lease, when executed, or will be forfeited to the Department if the purchaser refinees or neglects to execute the lease, when executed, or will be forfeited to the Department if the purchaser refinees or neglects to execute the lease, with good and sufficient security, to be approved by the Brasil of Docks, within the days after being notified that the lease is prepared and ready for execution at the office of the Department of Docks and Ferries, For \*A.' North river, foot of Fintery plans.

Two sufficion attractes, to be approved by the Brasil of Docks, with the same of daable the annual rem, but the hadden to be proposed to purchase, at a fair approved by the Brasil of Docks, will be required under and lease, to contribute to be down the proposition of the former planses.

Two sufficient after the same manner as prescribed in the casting lease of said for

and capacinus boats and sufficiency of trips, as to the sufficiency of which accommissions the decision of the Board of Pucks shall be final; also conditions that the lessess shall declose the ferry ships, atc., as required by the Board of Ducks, that during the term of the bease that are ill every and louid, at their two expects, and will at all times well and sufficiently repair, orannoid and keep in good order all and engagilar the floats, racks, telustrabilities and other figures of the landing places, and in the event of any damage to the habbands or pure from collisions by the first places, at anthorius, form any an ident or nedigenous on that part, they will intotalisately repair and rather and whach properly to the previous condition free of just to The Cary of New York; that if at my lines desired the term at the lawe the Baard of Duck shall require any of the wharf properly need by lerey purposes in order to proceed with the water-broot improvements in the Vientity of the lerey fandings, the said lessons whall surrender and exact the premises without any claim upon the Lavy for any damages, wherever, upon written notice being grown to the locate shall majorite the average of the correspond of said trappovement, the character of the correspond of said flowers and specifications of the premised with a florest theat with an expect of the correspond of said flowers and specifications of the afternation and improvements to be made in principle of all every providences are funching by services and notice the decreasing the matter from the leavest made to be made in principle of the afternation and improvements to be made in principle of and ferry privileges are innichise by serving matter of said ferry privileges are inniching by serving matter of said ferry privileges are inniching by a grown the literal of board water front, aftering the matter from the leavest property shall be required for the purposes aforemed, then a remains the leavest and to the purposes aforemed, then a remains the feart of shall n

The rates of ferriers and charges for redniles and realize shall not enseed the rates now coursel. The form of least which the purchaser will be re-quired to exemite on he seem in the other of the Durid of Durids.

The right to reject any hid is reserved it deemed by beard of Decks to be for the less interests of the

The right to
the ligard of backs to be for the less many
City,
Ity selected the Penal of Books, under a resolution
showed July 1.

J. SERGPANT CRAM.

HYRLDS F. MURPHY.

PETER F. MEYER.

A control of brooks.

THE LETTER OF THESE AND PRINTED FOR STATE STATE

#### PROPOSALS FOR DIDS OR ESTIMATES.

SEALED BIDS OR ESPEMATES WILL BE remitted by the Board of Docks, at the office of aid Board, on Per - A." foot of Battery place, North riser in The City of New York, and it o'clocks, a, on

# PRIDAY, JULY 19, 1901.

ar which time and place the estimates, will be publicly open at by the head of said found;

No. 711 FOR FURNISHING AND DELIVERING MANIFA ROPE.

The said Repeto to the delivered within four months from receipt of notice from the Engineer in Chief.

The semisty required will be Three Thousand Pice Hundred Dollars.

No. 722, PAR FURNISHING AND DELIVERING SAWED VELLOW PINE TIMBER.

Deliveries under contract to be completed within aix months from receipt of monce from Engineer-inellines.

The security required will be Twenty-direc Thousand Seven Hundred Delbors.

No. 765. FOR PEEPARING FOR AND EXTENDING AND REPAIRING 110; 176 R. WITH APPURIENANCES AT 1116 FOOT OF WEST THIRTTET STREET, NORTH RIVER, BOROUGH OF MANHATTAN.

The said work to be commissed within marriy days.

NORTH RIVER, ROBOUGH OF MANHATTAN

The security required will be Fourness Thomson's toliars.

The security required will be Fourness Thomson's toliars.

The person or persons making a bid or estimate shall limited the same in a scaled envelope, induced with the title given above of the wark for which the same in a scaled envelope, induced with the title given above in the wark for which the same is made, with his or their mane or sames and the same of proportion, to the head of said Department, at the said office, on or before the date and hear above named, at which titos and place the estimates received will be publicly operad by the boad of said Department and read, and the award of the contract made according to law as soon thereafter appracticable.

Each hid or estimate shall contain the name and place of residence at each of the persons interested with him therein, and if no other person he to interested with him therein, makin on the person making an estimate for the same purpose, and is in all respects foir and without collision or frond, and that no member of the Manicipal Assembly, head of a department, this first the same purpose, and is in all respects foir and without collision or frond, and that no member of the Manicipal Assembly, head of a department, this first a himself department of the profits thereof, or other efficient of the Corporation is directly at indirectly at moreosted therein, or in any portion of the profits thereof. The bid or estimate missing the scriped by the coath, in writing of the party or parties making the ratimate that the several matters stated therein are nall teapers true.

Each bid or estimate shall be accompanied by the tensent, in writing, of two householders or treetolders in The City of New York, or of a guaranty or surety company daily antiferrized by law to not as surety, and shall contain the matters act forth at the blank form of the matters act forth at the blank form of the matters act forth at the blank form of the matters act forth at the blank form of t

bid mentioned below.

No bid or estimate will be nonsidered unless aperanpanied by either a certified wheak upon one of the
state or Namenal banks of The City of New York,
drawn to the order of the Comptroller of The City of
New York, or momen to the amount of five per contors
of the amount of the sacurity required, as provided in
section are of the Greater New York Churter.

scenor are to the Greater New York Charter.

For particulars as 10 the quantity and quality of the
materials, or the outure and extent of the work required, bidders are referred to the specifications.

The Board descripts for which to expect all
miss on entry to 10 the first the error are the crys to 10 the for the try to 10 the

Bidders are consequent.

Bidders are requested to make their bids or esti-mates upon the blank form prepared by the Bourd, a copy of which, with the proper envelope in which as including the specifications, in the form approved by the Corporation Counsel, and be obtained upon appli-cation therefor at the office of the Bourd.

Dated form as 2007.

J. SERGEANT CRAM.
CHARLES T. MURPHY,
PETER V. MEYER,
Commissioners composing the baard of Docks

# THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sondays and legal hollows excepted, at No. 2 City Itall, New York City. Annual subscription, \$4-50, postage prepaid.

WILLIAM A. BUTLER, Supervis

# CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS,

DURSUANT TO THE PROVISIONS OF CHAPber my of the Laws of 2005, entitled "An and
providing for ascertaining and paying the amount of
interesting for ascertaining and paying the amount of
interests of averages, materially reason of
changes of grade of streets or averages, material por the
'to chapter 30 of the Laws of 1887, providing for the
'depression of entitled tracks in the Pwenty-hard and
'Twenty-hard Wards, in The City of New York, or
'Otherwise," and the acts amendatory thereof and
supplemental thereto, notice is hereby given that public
meetings of the Commissioners appenned pursuant to
said acts will be beld at Room p. Soberneyhorn thaid
ing, No. of Broadway, in The City of New York, an
Manday, Wednesday and Friday of each week, at a
s'chak p. m., until further notice.

Dated New York, January 2, 2000.

WILLIAM F. STILLINGS,
CHARLES A. JACKSON,
CHARLES A. JACKSON,
LAMONT MCLOURISM,
LAMONT MCLOURISM, PURSUANT TO THE PROVISIONS OF CHAP

1. аминт Меличинана Света

#### DEPARTMENT OF FINANCE.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 2018 OF THE Creates New York Charter, the Comptroller of The City of New York hersby gives public note: to all persons, owners of property, afficient by the following assessments for LOCAL INTROVEMENTS in the BOROLIGH OF MANUATTAN:

TWILLT'H WARD, SECTION O

TAST ONE HUNDRED AND SEVESTH STREET FENCING, to front at Street Nov. 10 and at the Area of assessment. For sembered at and 40 of those No. 578.

PARK AVENUE—FENCING, care side, from a point of feet seath of One Hundred and Lighteenth street, those cruming 75 lest seath, Area of assessment. Loss numbered 4, 75 cm/l 2 or Block No. 1/45.

TWELFTH WARD, ECTION 7.

RROADWAY—SEWER, were side, between One Hundred and Fife, ath street and the street stream that a fire ath street and the street stream countries and sixteenth stream of the fire ath sixteet and a five adway, between One Hundred and Sixteenth street and a prion stream about 151 feet worth of two Handred and Sixteenth street.

Just Hundred and Sixternia at the Hundred and Sixternia at the Hundred and Ninescentia street and the street amount for Mundred and Ninescentia street and the street amount strained southerly therefrom. Area of assessment; street and the street summir strained southerly therefrom.

LENOX AVENUE—PLAGGING, gast side, isotween One Hundred and Thirty-ninth and One Hundred and rived and Fortieth streets. Area of assessment: 1 assessed and Fortieth streets. Area of assessment: 1 assessment and Fortieth streets. Area of assessment and fortieth and the Hundred and Fortieth streets. WEST ONE HUNDRED AND THER IV-THERE STREET—FLAGGING, on any side, opposite of the Incombard, and in troot of lots numbered 1 and 7 to 1, both inclusive, of Hundred 1087.

TWELETH WARD, SECTION 8.

incondway, and in broot of fot numbered 1 and 7 to 1, to be inclusive, of Blank 187. Area of assessment: 1.0.1. nondered 1 and 7 to 11, both inclusive, of Blank 197.

TWELFTH WARD, SECTION 8,

RECADWAY—FLAGGINO, east side, between the Hundred and Sixtherh and Dae Hundred and Sixtherh and Dae Hundred; and Sixtherh and Dae Hundred; and Sixtherh STREET—RECULATING, the ADING, CUEBLING AND FLADISHING, CUEBLING AND FLADISHING, Server and Assessment; Bull sides of One Hundred; and Seventy-righth street, between Amsterdam noveme and Kingsbridge road. Area of assessment; Bull sides of One Hundred; and Seventy-righth street, between Amsterdam noveme and Breadway, and to the extent of one-half the Ideals on the interesting avenue and the seame were confirmed by the Board of Assessment on July 16, 1901, and entered on the amediate in the Record of Tisles of Assessments and Assessments, as shall be the duty of the assessment of the office of Assessments, as shall be the duty of the assessment of the duty of the office return of Assessments, as shall be the duty of the office return of Assessments, as shall be the duty of the office return of Assessments, as a shall be the duty of the office return of Assessments, and Arrears at the duty of the office return of Assessments and Arrears at the office of the Eugenit of the duty of the office return of Assessments and Arrears of Taxes and Assessments and Arrears of the office of the Eugenit of the Morth and Arrears at the office o

# NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York bereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS in the BORDLIGH OF THE BRONN:

assessment for LOCAL IMPROVEMENTS in the BORDUGH OF THE BRONN:

TWENTY-FOURTH WARD, SECTIONS II AND 12.

BAST ONE HUNDRED AND NINETIETH STREET-SEWIR, from trand avenue to Davidson avenue, also SEWER IN HAVIDSON AVENUE, from Fortham road to bast one Hundred and Ninetich street, from Grand avenue in Morris avenue: both sides of One Hundred and Ninetich street, from Grand avenue in Morris avenue: both sides of One Hundred and Ninety-second street, from Grand avenue in Creston avenue is both sides of Continuous, both sides of Kingsbridge road, from Grand avenue in the Grand Bothevard and Concurred, hoth sides of One Hundred and Ninety-sixth street, from Jerome avenue to the Construes from Crand avenue; west side of the Construes from Kingsbridge road in One Hundred and Ninety-sixth street; both sides of Gregoo avenue, from Crand avenue; west side of the Construes for Morris avenue, from One Hundred and Ninety-sixth street; both sides of Gregoo avenue, from One Hundred and Ninety-sixth street in One Hundred and Ninety-sighth street; both sides of Furleview terrier, from the Hundred and Ninety-sighth street; both sides of Furleview terrier, from the Hundred and Ninety-sighth street; both sides of Davidson assense, from Fordham road to Kingsbridge toad.

—that the same was confirmed by the Roard of Assessment on Ityly 16, 1904, and entered on some date in the Record of Titles of Assessments Con-

firmed, kept in the Bureau for the Collection of Assessments and Arreaus of Taxes and Assessments and of Water Renas, and unless the amount assessed for benefit on any persons or projectly shall be paid within viety days other the date of said valey of the assessment, interest will be volthered therefor, as provided in sertion cap of said Grouner Year Vork Charter, Said soction prevides that "II may such assessment shall remain impaid for the period of wirty days after the date of sarry thereof in the said Recurd of Titles of Assessment, it shall be the daily of the officer authorized to subject and receive the amount of such assessment to abure, collect and receive the amount of such assessment to abure, collect and receive the amount of such assessment to abure, collect and receive the impact floren the date of any such entry to the date of payment.

The abuse assessment is payable to the Collector

The above assessment is payable to the Cribector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and Arrears of Taxes and Assessments and the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Ministipal Building, corner of the Hondred and Seventy-seventh street and Third ayeoue, Browgh of The Brows, between the hours of q. a. and s. s. i., and on Sairedays from gas, a. to 12 st., and all payments made thereon on or follow September 14, 1901, will be exchipt from increase, as those provided, and after that date will be subject to a charge of torques at the rate of seven per man, her amount from the date of entry in the Record of Thies of Assessments in said Bureau to the date of payment.

ATE OF PROPERTY.

BIRD S. COLER,
Comptroller,
City of New Vide Department of Strasce,
Universitate's Office, July 17, 1980.

NOTICE TO PROPERTY-OWNERS.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 1008 OF THE Grander New York Charter, the Computative of The City of New York Property age to public motion to all persons, where of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROCH OF IRROCKLYN:

TWELFTH WARD.

SULLIVAN STREET-SEWER, between Conceyer street and Form street; also, OUTLE! SEWER INSULLIVAN STREET. Introcent Forms street and Cast river. Area of assessment: Both sides of Tollowing into the data river; also, both sides of Tollowing the the sides of Tollowing the Sewen Conceyer street and Walcout street.

DRIENT AVENUE—BASIN, on the northwest corner of Olice street. Area of assessment; North side of Orient and Metropolitan assents, between Bushwick newton and Olive street.

TWENTY-SECOND WARD.

FIFTH AVENUE GRADING LOTS, on the conducate owner of Carroll atreet. Area of assessment: Lots samplered 5 to 10, both inclusive, of Block Fig. 32.

hes 32.

BEDFORD AVENUE BASIN, on the gouthwest surfer of Bremstr Blue. Arm of sessement? Lots numbered 23, 30 and 31 of Ricck No. 85.

numbered 25, pound 31 of Rick No. 85.

I WENTY-SIXTH WARD.

SCHENCE AVENUE—BASINS, on all the corners
at Livonia assume; also, on the nerthwest corner of
New Lots assume. Assu of assumment. Both side of
Schence assume, between New Lates meane and the
street annuoit situated north of Livonia assume the
sides of Layonia assume, and the outh side of New
Lots avenue, between Schence assume and Headris
arrant, and the case side of Hendris street, between
Livonia and New Lots ayonics.

Livenus and New Lots Syenites.

SCHENCK AVENUT—BASINS, on the anuthwest corner of Filkin avenue, and on all the corners at Dimmus avenue. Area of assessment: Both sides of Schenck avenue, between Biblic avenue and the street anumant avenue, south side of Blake avenue, between Schenck avenue and Barbey street, both sides of Diameter rescue, from Schenck avenue are the street avenue intends as as and was therefrom, another sides of Pitkin avenue, between Schenck avenue, butween Schenck avenue, and the side of Pitkin avenue, butween Schenck avenue and Harbeits street, also Let No. 42 of Block No. 93.

Elock No. 925.

TWENTY-NINTH WARD.

AVENUE D—BASINS, it the northeast and northwast amount of East Lighth street; also on the northwest corner of Coory Island avenue. Area of assessment: Both sides of that Eaghth street and to west add of Cohey Island avenue. Area of assessment to the soft and the of Avenue of Avenue of the orthwest of Avenue I and the of Avenue I and East Ninth street and Corey Island avenue.

OCEAN AVINUE—BASIN, at the northwest coner of St. Itaal's court. Area of assessment; Northwest of St. Itaal's court, between St. Paul's place and town avenue, west side of Ocean avenue, the second of the avenue, and town avenue, west side of Ocean avenue, the second of the avenue, and town between Ocean avenue, and the street summent situated westerly thereform.

THERTETH WARD.

THE TEST IN WARD.

BAY FOURT EENTH STREET—BASIN, at the southerly corner of Bath avenue. Area of assessment Let No. 3 of Block No. 3 is.

THE TEST IF WARD.

BAY FOURT EENTH STREET—BASIN, at the southerly corner of Bath avenue. Area of assessment Let No. 3 of Block No. 3 is.

THE HAT STREET—SEWER, between Fourth avenue and Fort Hamilton avenue, south wide of Feighty-sixth street, from Fourth avenue, from Eighty-sixth street, from Eighty-sixth street, from Eighty-sixth street is not sides of Fourth avenue, south wide of Fourth avenue, from Eighty-sixth street is not sides of Gelston avenue, from Eighty-sixth street is not point distant about vactor is not seen to be sides of Gelston avenue, from Eighty-sixth street is not point distant about vactor was a side of the same were confirmed by the Board of Assessors on July 10, 1921, and entered on same date in the Record of Titles of Assessments and of Water Rents, and unless the amount assessed for leaft on any form from properly shall be fault within asky days after the date of said entry of the assessments, interest will be calletted thereon, as provided in action roug of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the a nount of such assessment to charge, collect and receive interest thereon at the rate of sevel pet cent. per anium, to be calculated from the date of such entry to the date of propend."

The above assessments or payable to the Collector of Propend.

be calculated from the date of such energy to the universe payment."

The above assessments are payable to the Collector of Assessments and Arrears at the office of the Bureau for the Collection of Assessments and Arrears and assessments and of Water Reats, in the Manacipal Building, Borough of Brooklyn, between the hours of a A. M. and a v. M., and on Saturdays, from q a. M. to ro M., and all payments made thereon on or before September 14, 1991, will be exempt from Interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent, per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

BIED S. COLKE.

Congrirollar.

Compression - Department of Figure 1 Compressions Office, July 17, 1901.

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1000 OF THE "Greater New York Charter," the Comptreller of The City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureon for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TILLE in the following-mixed street in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTION 9.

TWENTY-THIRD WARD, SECTION 9.

EAST ONE HUNDRED AND SIXTY-FOURTH STREET—OPENING, from Summit avenue to Andrewe avenue. Confirmed line 3, 1911—191 and here's line's at the meants and hereditaments and premises situate, lying and being in the Borough of File Breat, in The City of New York, which, taken tracilier, are bounded and described as follows, vir.—Beginning at a point formed by the intersection of the prolongation westerly of the molths line of the blocks between East One Hundred and Sixty-fourth street and East One Hundred and Sixty-fifth treet with the middle line of the block between East One Hundred and Sixty-fifth street and East One Hundred and Sixty-fifth street and said middle line prodoceation and middle line of the block between East One Hundred and Sixty-fifth street and said middle line prodocead out wardly to its inter-cention with the middle line of the block between Jerome avenue and Anderson avenue, thouse southerly along said middle line of the block hetween Jerome avenue and Anderson avenue, thouse southerly along said middle line of the block hetween Jerome avenue and Anderson avenue, thouse southerly along said middle line of the block hetween Jerome avenue and Anderson avenue in thouse southerly along said middle line of the block hetween Jerome avenue and Anderson avenue and middle line of the block street on Hundred and Sixty-second atrect and Fast One Hundred and Sixty-second street and East One Hundred and Sixty-second street and Fast One Hundred and

New York Charter."

Said section provides that, "If not such assessment shall remain impaid for the period of sirty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the dary of the officer authorized to collect and receive the amount of such assessment to thorac, collect and receive interest thereon at the rate of seven per continu per amount, to be calculated from the date of such entry to the date of

payment."

The above assertment is payable to the Collector of Assessments and Arrents, at the Bareau for the Collection of Assessments and Arrents of Trace and Assessments and all Waint Rents, at Unional Park Building corner of One Hundred and Security-seconds street and Third avenue. Bareaugh if The Brant. Fedwern the bases of a his, and a k-s st, and on Saturdays from a 4. M. to see st, and all payements made thereto one to before September 11, upaying the sample through the sample for the payer provided, and after that date will be subject to a charge of interest of the trace of seven per count are norm from the date of entry in the Record of Titles of Assessments in said Bareau to the date of supreme.

BIRD S. COLER.

Carp of New Your-Department of Fisher, City of New Your-Department of Fisher, July 15, 1001.

# NOTICE TO PROPERTY-OWNERS.

IN PUBLIANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York berryty gives public notice to all persons owners of property, affected by the following segment for LOCAL IMPROVEMENTS in the BORDINGH HE BROOKLYN:

MAIN STREET-FLAUGING, west side, between Front, and York strons; also, IRONT STREET FLAGGING, south side, between Main and Garrison streets. Assu of assessment; Let No. 1 of Black No. 16. EIGHTH WARD,

FIGHTH WARD.

CHTTV-FOURTH STREET-FLAGGING, north side, between Fourth and Filth avonces; also, FIFTH AVINTIA, FLAGGING, west side, between Fifty-bord and Fifty-fourth streets; also FIFTY-FHIRD STREET FLAGGING, south aide, between Fourth and Filth avonces. Area of measurement: Lots minnered 40, 40 to 53, both inclusive, 53 and 54 of Block No. 174.

TWENTY-THIRD WARD.

NO. 174. TWENTY-THIRD WARD.
FILTON STREET—FLAGGING, south side, between Troy and Scheneciady avenues. Area of assessment: Lot No. 4 of Block No. 121.

TWENTY-FOURTH WARD.

DEAN STREET-FLAGGING, north side, beween Buffalo and Ralph avenues. Area of assessment: Lois numbered 53, 54, 60, 61, 75 and 69 of Block
No. 266.

Mo. 205.

PACIFIC STREET—FLAGGING, north ship, between Rockaway and Stone avenues. Area of assessment: Lore numbered 68, 34, 36 to 99, bush inclusive, 116, 117 and 129 of Block No. 236. TWENTY-FIFTH WARD.

McDONOUGH STREET -FLAGGING, south ide, between Saratoga and Hopkinson avonum. Area f assessment: Lots numbered 79 and 80 of Block TWENTY-SEVENTH WARD.

DE KALB AVENUE - FLAGGING, somheast side, between Central and Hamburg avenues. Area of assessment: Lots numbered 88 and 31 of Block No. 67.

TWENTY-EIGHTH WARD.

BUSHWICK AVENUE—FLAGGING, anothwest side, between Schaeffer street and Decatur street. Area of assessment: Lot No. 26 of Block No. 130.

THIRTIETH WARD.

THIRTIETH WARD.

FIFTH AVENUE—SUWER, between Seventyment and Eighty-sixth streets; also, EIGHTY-TPURTH STREET SEWER, between Fifth avenue and Fort Hamilton avenue; also, EIGHTY-TPTH STREET SEWER, between Fifth avenue and Fort Hamilton avenue. Area of assessment: Both sides of Fort Hamilton avenue, from Seventy-night to Eighty-sixth street; both sides of Fort Hamilton avenue, from Eighty-sixth street; west side of Sixth avenue, from Eightight to Eighty-ountly street; north sides of Eighty-sixth street, from Furtherniton avenue to Fifth avenue; both sides of Eighty-sixth street, from Furtherniton avenue to Fifth avenue; both sides of Eighty-forth street, from Fort Hamilton avenue su a point distant about 29 feet west of Fifth avenue; both sides of Eighty-fourth street, from Sixth avenue; both sides of Eighty-fourth street, from Sixth avenue; both sides of Eighty-third, Lighty-second, Eighty-Gret and Fightieth atreets, from Fourth to Sixth avenue; small sides of Seventy-mints street, from Vitth to Sixth avenue; small sides of Seventy-mints street, from With to Sixth avenue; small sides of Seventy-mints street, from With to Sixth avenue; small streets of Durth avenue, from Eightreth ed Eighty-third street.

—that the same were confirmed by the Board of Assessor

in the Record of Titles of Assessments Confirmed, kept in the Bureau for the Collection of Assessments and Arreirs of Taxes and Assessments and of Water Routs, and achieved the Assessment and action of the Routs, and achieved part of the amount assessed for length on any persons or superity shall be paid within 4 sixty days after the date of hereof, as provided in section may of said Greater New York Charter. Said section provides that "It any such assessment shall remain unqual for the period of sixty days after the date of entry thereof in the said record of titles of assessments, it shall be the duty of the other authorized to collect and recorve the amount of such assessment to charge, collect and receive intracts thereon at the rate of seven per cent, per amount, to be calculated from the date of assessment. The above assessments are payable to the Calbone.

The above assessments are payable to the Callector of Assessment,

The above assessments are payable to the Callector of Assessments and Arrears at the office of the Bureau for the Callector of Assessments and Assessments and Assessments and Assessments and of Water Reads, in the Minicipal Building, Borough of Brooklyn, between the hours of a standard of the Assessment of a standard payable of the object of the Assessments and on Saturdays from a standard payable of the standard payable of the standard payable of the standard provided, and after the dark will be subject to a charge of interest of the tate of seven per cent, per memor from the due of entry in the Record of Titles of Assessments in said Burchs to the date of payment,

BIRD S. COLER,

Comparedler,

Comparedler,

Comparedler,

Comparedler,

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE HE SECTION uses OF THE
"Greater New York Charter," the Compitation of
The City of New York territy gives public sortice at
the continuation by the Superme Court, and the reterting in the Burson for the Collection of Assessments
and Arrents, of the assessment for OPENING AND
ACQUIRING TITLE to the following-named street
and avenues in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTION 10.

TRINITY AVENUE—OPINING, from Dater street in Westebester avenue. Confirmed June 24.

1791 autored July 3, 1921. Area of assessment includes all those hands inconsents and breakingsment and premises situate, 1930, or do being in the Bayragot of the Broar, in The Ury of New York, which, taken together, are bounded and described as follows, vik.: Beginning as a point formed by the intersection of his disconsentering and point formed by the intersection of the Broar, in The Ury of New York, which, taken together, are bounded and described as follows, vik.: Beginning as a point formed by the intersection of the first threat and distinct too best sensitively discourse with the southerly prolongation of the middle line of the block between Eagle accume and St. Ann's avenue, running theore wortherly along said statementy prolongation and middle line of the block to its intersection with a line drawn parallel to fast One Hundred and Fitty-sixth areas on the north and Westebester ascentic on the south. State from East One Hundred and Fitty-sixth areas on the north and Westebester ascentic on the south. State from East One Hundred and Fitty-sixth areas on the north and Westebester ascentic on the south. State on the house of the block between Cauldwell avenue and Eagle avenue: theory soil defended and Eagle avenue; theory southerly slong said middle line of the block to the southerly slong said middle line of the block to the southerly slong said middle line of the block between Cauldwell winds and Eagle avenue; those constrely along said middle line of the block between Cauldwell winds and Eagle avenue; those controlly along said middle line of the block between Cauldwell sections are for the middle line of the block between Cauldwell and Sixty-inst street (formarly Clinon street, those controlly along said middle line of the block between Cauldwell and Sixty-inst street (formarly Clinon street, along a southerly slong and middle line of the block between Cauldwell and Sixty-inst street (f TWENTY-THIRD WARD, SECTION 10 said middle line of the block, between Concord syeme and Robbins avenue, to the anothwesterly side of the Port Marris Branch of the New York and Harlem Railmad. Thence northwesterly, wortherly and again northwesterly along said southwesterly and westerly some of said Port Marris Branch of the New York and Harlem Railmad to its increaseins with a line drawn garallel to the southerly side of Last One Handrad and Fortwanight street and Josuan too feet southerly discretion; there we sterly along said parallel line to the point or place of beginning.

the point or place of beginning.

TWENTY-THIRD AND TWENTY-FOURTH WARDS, SECTION 11.

MARCY PLACE — OPENING, from Jerome assume to the Concrurse. Confirmed June 24, 1921; antered hily 3, 1921. Area of assessment includes all those hinds tenements and heroditation at and premises simulate, lying and being in the Borough of The Bronx, in The City of New York, which taken ingular, are assumed and described as follows, viz.; Beginning at a point formed by the intersection of the mathwesterly prelongation of the intersection of the northeresterly side of Clarke place with a line drawn parallel to the northeresterly side of persons assume and distant one feet outlinesterly latestical, number there is intersection with the northeresterly prolongation of the south westerly side of Elliont place; there southeasterly modes said parallel line to its intersection with the numbers of the south westerly side of Elliont place and its southeasterly prolongation to its intersection with a line drawn parallel to and distant me feet southeasterly life of the Grant Boulevard and Concourse; thence southwesterly along said parallel line in its intersection with the southeasterly prolongation of the morthwesterly along and parallel line in its intersection with the southeasterly prolongation of the morthwesterly side of Clarke place, and the first americioned northwesterly side of Clarke place, and the first americioned anothwesterly side of Clarke place, and the first americioned anothwesterly side of Clarke place, and the first americioned anothwesterly side of Clarke place, and the first americaned anothwesterly side of Clarke place, and the first americaned anothwesterly side of Clarke place, and the first americaned anothwesterly side of Clarke place, and the first americaned southeasterly prolongation to the point or place of beginning.

bingation and northeasterly side of Clarke place, and the first mentioned morthwesterly prolongation to the point or place of beginning.

TWENTY - THIRD AND TWENTY - FOURTH WARDS, SECTIONS 9 AND 11.

OGDEN AVENUE—OPENING, from Jerone avenue to Washington Bridge. Confirmed Jone 24, 1901 autawai July 8, 1901. Area of assessment includes all those lands, tenerounts and hereditaments and premises situate, tying and being in the Borough of The Brows, in The City of New York, which taken together, are bounded and described as follows, viz.: Beginning at a point formed by the intersection of the prolongation easterly of the southerly side of East One Hundred and Seventy sixth street with the westerly side of Macomb's road; themes southerly along the westerly side of Macomb's road to its intersection with a line drawn parallel to Nelson avenue and distant roa feet southeasterly from the aontheasterly side thereof themes southwasterly along said line drawn parallel to Nelson avenue and distant reacted with the middle line of the blocks to its intersection with the middle line of the blocks to its intersection with the middle line of the blocks to its intersection with the middle line of the blocks to its intersection with the middle line of the blocks to its intersection with the middle line of the blocks to its intersection with the middle line of the blocks to its intersection with the middle line of the blocks to its intersection with the middle line of the blocks between listone awane; who discussed the section of the blocks between listone awane, and said middle line produced southwesterly to its intersect with a line drawn parallel to legacy to its intersect with a line drawn parallel to section state the produced southwesterly to its intersect with a line drawn parallel to section with the produced southwesterly side thereof; theme southwesterly side to its intersection with the produced southwesterly side of sealewise avenue and dottant to feet wouthwesterly along said fine lotts intersection with the produced s

feet southerly from the southerly side of East One Hundred and Sixty slath street; themee westerly across Lind avenue to its intersection with the prolongation southerly of that part of the easterly side of Lind avenue lying between East One Hindred and Sixty-minth street and hast One Hindred and Sevennieth street; themes northerly along said prolongation and easterly side of Lind avenue lying between East One Hundred and Sixty-minth street and environmental East One Hundred and Sevennieth arrest and continuing along the casterly side of Aqueshot avenue to its intersection with the prolongation exterly of the northerly side of an unknown street apposite the intersection of Aqueshot and Marriam avenue; theme westerly along said prolongation and northerly side of unknown street to its intersection with the easterly side of Underdiff avenue to the northerly side of unknown street to its intersection with the easterly side of Underdiff avenue to the northerly side of Underdiff avenue to the northerly side of Underdiff avenue to the northerly line of the land acquired for the Washington Bridge to its intersection with a line drawn parallel to Underdiff avenue and distant as line drawn parallel to Underdiff avenue and distant and leaventy-sixth street; thence coarsely along the matched avenue and distant and seventy-sixth street; thence coarsely along the southerly side of East One Hundred and Seventy-sixth street; thence coarsely along the southerly side of East One Hundred and Seventy-sixth street; thence coarsely along the southerly side of East One Hundred and Seventy-sixth street; thence coarsely along the southerly side of East One Hundred and Seventy-sixth street to the point or place of beginning, as such streets are shown upon the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of The along the southerly days after the date of said entry of the assessments and are such at the said Leventy of Titles of Assessments and of Wards Rentz." Unless the amount assessed for benefit on any person or

The above assessments are payable to the Collector of Assessments and Arrears, at the Bireau for the Collector of Assessments and Arrears, at the Bireau for the Collector of Assessments and at Water Rents, at Crown Park Building, corner of One Hundred and Seventy-seventh streas and Third avenue, Berough of The Bronz, between the bours of gas at and 21 ms, and on Saturdays from gas A. M. to to M.; and all payments made thereon in or before September 5, 1967, will be accept from interest, as above provided, and after that date will be solvent on a charge of interest or the force of saven per source of saven per solvent for the Record of Titles of Assessments in said Burcau to the date of payment.

BIRD S. COLER,

BIRD S. COLER. Cry of New York—Department of Figures, Character's Office, July 9, 1901.

Peres F. Meves, Accressees,

CORPORATION SALE OF REAL ESTATE:

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinling Fund of The City of New York, by virine of the powers secued in them by law, will offer for all an public nuction, on

WEDNESDAY, JULY 31, 1901,

of the O'chook at, or the Compereller's affice, No. 988 Broadway, Boreugh of Muchattan, City of New York, all the right, title and interest of The City of New York in and in certain premium stimated in the Borough of Brocklyn, and described as follows:

situated in the Berough of Brooklyn, and described as follows;

All that certain piece or parael of land, situate, lying and being he be I weat yesixth Ward of the Borough of Brooklyn, heing so much of the old Hammerly road as Iolis within the lines of for known and designated on the assessment map of said word as Lor No. 7, in Black roy, and which pareed is more particularly described as follows:

Beginning at a proat on the westerly side of Thatford avenue, and running thence westerly parallel with said Riverdale ayence at feet, 21, inches to the westerly line of the old Hanterly road; thence southerful along the westerly side of and old road to the special with said Riverdale ayence at feet, 21, inches to the westerly line of the old Hanterly road; thence southerful along the westerly line of said old road to its point of interesting with the westerly line of Thatiana yeaue; and theme northerly along the said westerly line of Phailord avenue to the point or place of beginning, be the said several dimensions more ar less.

The City's interest in and premises to be sold upon the following

THEMS AND CONDITIONS OF SALE.

The highest hadder for said parcel will be required to pay the full amount of his bid or paydage-invited to pay the full amount of his bid or paydage-invited and the auctioneer's fee at the time of sale, together with the further sum of \$75 for expenses of examination, advertising, site.

The quat-chain deed for the premises to be delivered within thirty days from the date of sale.

The Compureller may, at his option, resell the property struck off to the highest hidder who shall full to comply with the terms of sale, and the party who fails to comply therewith will be held liable for any definitionly resulting from such resale.

The right to reject any bid is reserved.

The map of the property to be sold may be seen upon application at the Comprehence, door 35, No. 280 Broadway, Borough of Manhattan, City of New York.

By order of the Commissioners of the Sinking Fund,

By order of the Commissioners of the Sinking Fund, under resolution adopted June 13, 1904. BIRD S. COLER,

Comptroller,
Crty of New York—Department of Finance, 1
Comptroller's Office, June 24, 1901.

PUTER F. MRVER, AUCTIONEES.

CORPORATION SALE OF REAL ESTATE.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for safe are public auteron; on

WEDS ESDAY, JULY 31, 1901,

WEDS ESDAY, JULY 31, 1901.

at 12 o'clock M., at the Commtroller's Office, No. 850 Broadway, Borough of Manhattan, City of New York, all the right, side and masses of The City of New York in and to certain premises situated in the Borough of Brooklyn, and described as follows:

All that certain puers or purced of land situates, lying and being in the Eighth Ward of the Borough of Brooklyn, being so much of the old Gowams road as alls within the lines of hot known and designated on the assessment may of said ward as loss Nos. 5 10 y, inclusive, and 32 to 36, inclusive, in Block 16, and which lors are more pasticularly described as follows:

Beginning at the westerly corner of Third avenue.

follows:

Deginning at the westerly corner of Third avenue and Twenty-siath street, and running thence northwesterly along the southwesterly side of Twenty-siath street to feet; thence southwesterly and parallel with Third avenue soc feet 4 modes to Twenty-seventh third avenue soc feet 4 modes to Twenty-seventh street; thence southwesterly along the northers region of Twenty-seventh street Steet to the northers will be a transfer of Third avenue and Twenty-seventh street, and thence northwesterly along the northwesterly side of Third avenue and feet 4 inches to the point or place of leginning.

The ( ii) a interest in and premises in he sold upon in flowing.

THEM AND CONDITIONS OF SALE

The br, best blidder for said paped will be required to pay the full morant of his bid or purchase money and the auc concer's rec at the time is sale, together with the further size of \$15 for expenses of examination, advanting, etc.

The quit-claim their for the proposes to be delivered within their day of or the date of sale.

The Comparedler may, at his option, resell the property struct off to the highest badder who shall fail to comply with the terms of sale, and the party who fails to comply the twith will be held liable for any deficiency resulting from such result.

The right to regree any hall is received.

The map of the property to be sold may be seen upon application at the Comptroller's Office, Room \$15, No. 25. Readway, Borenigh of Manhatian, City of New York.

Vork.

Ity order of the Commissioners of the Sinking Fund, ander resolution adopted June 13, 1942.

BIRD 3, COLER.

Comptroller.

OF NEW YORK-DEPARTMENT OF FINANCE, CONTROLLER'S OFFICE, June 21, 1901.

#### DEPARTMENT OF HICHWAYS.

Distances of Hunwars, Commissions Office, No. 25 to of Pauk Row, New York, July 15, 1991.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A smissi envelope, with the title of the work, and the name of the holder inducest therein, also the number of the work in the advertisement, will be received at No. or Park Row, in Room No. stor, until reacheds on

TUESDAY, JULY 30, 1901,

THESDAY, JULY 30, 1901.

at which time and plous the hide or entimates received will be publicly apened by the bond of the Department. On all the following contracts, as accumented below, for paving and repaving with asphalf pasement, the attention of budders is particularly called no the requirements of the specifications whereby they are subliged to deposite suitable samples of all monerials to be used with the Cummissioner of Highways four (4) full they foultdoes and simpleys excluded) larger the day of openior bids as sected in this advertisement. Such samples and materials when deposited must be properly marked, be accompanied by proper certification, etc., all in attact conformity with the requirements of the specifications.

manis of the specifications.

Harrough of Manhattan.

No. 1. REPAVING WITH ASPHALT PAVE.

MENT ON PRESENT PAVEMENT

RELAID AS TOUNDATION OF THE

ROADWAY OF SIXTH AVENUE, from

Thirty-fifth to Forty-second street.

The quantity and quality of work to be done is as
follows:

2.100 square work.

9,100 square yards of usphalt pavement, including

9,100 square yards of oxplialt pavement, including binder course.
9,100 square yards of old stone payencest to be related as boundarion or in approaches.
9,775 linear feet of old curbatone turnshoot and settoe linear feet of old curbatons reduces of rejected and reset.
9 not select severa complete for water manholes firmished and ot a misseless occurs complete for according to himseless forces complete for according to himseless forces and out.
The security required will be Thorner Thousand billars.

Dollars.

The time allowed for the completion of the whole work will be fifty consecutive working days.

No. 9. RLFAVING WITH ASPHALT PAVEMENT ON PERSENT PAVEMENT RELATIONS OF THE EOADWAY OF SIXTH AVENUE, from Farty-second to Fifty-quark street.

The quantity and quality of work in he done is as follows:

ollows:

23.050 square yards of asphalt pavenient, inclinding
littader materia;

23.050 square yards of old stone pavenient to be related
as foundation or in approaches,

5,420 linear feet of old curbatone furnished and set,
1,720 linear feet of old curbatone redressed, tejointal
and reset.

incur feet of the control of the water manholes in misches covers complete for water manholes in misches covers complete for sewer manholes furnished and set.

The security required will be Thirty-five Thousand

Delines.

The rame allowed for the completion of the whole work will be sixty consecutive working days.

NO. 3. REPAVING WITH ASPIJALT PAVELENT MENT ON PRESENT PAVEMENT RELAID AS FOUNDATION THE ROADWAY OF SEVENTH AVENUE, from Twenty-third to Forty-sercond stream.

The quantity and quality of work to be done is as follows:

follows:

32,800 square yards of asphalt pavement, including buder course.

29,000 square yards of old stone pavement to be relaid as foundation or in approaches.

350 cubic yards of concrete.

300 linear feet of new curbstone furnished and act, soo linear feet of old curbstone realressed, rejointed and reset.

300 noiseless covers complete for water manholes furnished and set.

301 noiseless covers complete for sever manholes

for noiseless covers complete for sewer manbeles furnished and set.

The security required will be Fifty Thousand

The security required will be fifty Thousand Dollars.

The time allowed for the completion of the whole work will be one hondred consecurive working days.

No. 4. REPAVING WITH ASPHALT PAYE.

MENT ON PRESINT FAVEMENT RELATION THE ROAD.

WAY OF SEVENTH AVENUE, from Forty-seventh to Finy-eighth street.

The quantity and quality of work to be done to as as follows:

18,300 square yards of asphalt pavement, including binder course.

15,000 square yards of old stone pavement to be related as foundation or in approaches.

390 nather yards of new curbatone furnished and set, see linear feet of new curbatone furnished and set, see linear feet of old substone redways d, rejointed and reset.

their feet of old carbstone redwessed, rejointed and reset.

30 noiseless covers complete for water manholes formated and set.

27 noiseless covers complete for sewer tanaholes furnished and set.

The security required will be Twenty-five Thousand olders.

Dollars.
The time allowed for the completion of the whole work will be seventy consecurive working days.
No. 5, REPAVING WITH ASPHALT PAVEMENT ON PRESENT PAVEMENT RELAID AS FOUNDATION THE ROADWAY OF PARK AVENUE, from One Hundred and Twenty-sixth street.
The quantity and quality of work to be done is as follows:

1.70. square yards of usphalt pavement, including

1,30 square yards of asphalt jovement, including inoder course.

inader course.

3.4 to square yards of old stone pavenum to be retand as foundation or so approaches.

686 finear feet of new surfactors furnished and set,
rfo finear feet of old surfactors redressed, rejointed
and reset.

g noiseless covers complete for water manholes furnished and set.

g noiseless covers complete for sewer manholes foroided and set.

The security required will be Four Thousand Deliary. The time allowed for the completion of the white work will be trenty since consecutive working days.

No. 5. REPAYING WITH ASPHALL PAVE.

MENT ON PRESENT PAVEMENT RELATION FOR FULLIFIED AVENUE AND THE ROADWAY OF FIFTY-EIGHTH STREET, from foroid place to last river.

The quantity and quality of work to be door is as follows.

See quart yould so apphale payement recludion.

The quantity and quality of work to be done in a follows:

60 square yards of aspiralt payement uncluding leader tourse.

60 square yards of old stear payement in he related as foundation or in approaches, you linear feet of old carbsione termished and set. to finear feet of old carbsione redrawed, rejointed and reser.

7 miscless cover complete for water manholes franched and ont.

8 notacless covers complete for water manholes franched and set.

1 miscless covers complete for sever manholes franched and set.

1 moseless covers complete for sever manholes franched and set.

The semantity conjured will be Eight Hundred Leithers.

The time allowed for the completion of the whole wate will be internecesseration working days.

No. 7. TEPAVING WITH ASPITALE PAVE MENT ON PRESENT PAVEMENT RELATO AS FOUNDATION THE RELATO AS FOUNDATION THE RELATO AS FOUNDATION THE RELATO AS FOUNDATION THE STREET from Night avenue to Temb ovenue.

The quantity and quality of work to be done is as

colored:

2,7-0 square parts of amphalt preparent, including binder source,

2,10 square yards of old reace parentent in the relaid as foundation of its approaches.

2) cubic yards of concrete.

2, per biner force of the restriction formulaed and serve income feat at old foundations redressed, reminister outcomes.

2 analysis covers complete for source mandrale formulaed and set.

3 notesties covers complete for sever mandrales tormulaed and set.

4 notesties covers complete for sever mandrales formulaed and set.

The accurring required will be Four Thomsont olders.

The amority required will be Four Thomsand Polluts.

The time allowed for the completion of the whole work will be twenty-five monecules working days.

No. 3. REPAYING WITH ASPHALL PAVEMENT ON PRESENT PAVEMENT RELADY AS FOUNDATION THE ROADWAY OF THE ROADWAY OF THE HONDREID AND THIRTIETH STREET, from Lexington avanue to Fifth avenue.

The quantity and quadrity of work to be done is an follow:

The quantity and quality of work to be done is an Jollows!

4 200 secure yards of asybole pavement, including binder course.

4, 200 secure yards of asybole pavement to be related to the food of the course of the pavement to be related to the food of the course of the pavement to be related to the course of the food of the food

the quantity and quarry of work to be desire in a follows:

1,310 square yards of applicit passenest, including binder course.

1,310 square yards of all stone payement to be related in approaches and as tourdaism.

28 botan feet of all distribution trainfest and set.

33 linear feet of all distribution refinessed, rejointed and sear.

The security required will be the Thousand Five Hunfred Dollars.

The time allowed his the completion of the whole work will be fitted accounties working days.

No is REPANION WITH ASPHALT ON PRESENT FAVEMENT RALAID AS FOUNDAITON THE ROADWAY OF ONE HUNDRED AND THIRTY-THIRL STREET, from Fifth to Lenox necession. The quantity and quality of work to be done is as

Howe the product of asphalt pavement, including blinder course.

1471 square yards of old stone pavement to be relaid as foundation to in approaches.

1472 square yards of old stone pavement to be relaid as foundation to in approaches.

1473 linear fact of old carbonous redressed, repointed and ser.

150 notecless owers complete for water manuals birmished and set.

150 notecless owers complete for sewer nonholes turnished and set.

151 to notecless owers complete for sewer nonholes turnished and set.

152 The accuracy required will be Four Thousand tollars.

Dollars.

The time allowed for the completion of the whole work will be twenty monsecutive working days.

No. H. PAVING WITH ASPHALT PAVIMENT ON CONCRETE FOUNDATION THE ROADWAY OF HAMILTON TERRALLE, from One Hundred and Forty-first street to One Hundred and Forty-fartistreet.

The quantity and quality of work to be done in as follows:

follows it

2,457 square yards of asphalt pavement, including
hinder course.

pts cubic yards of concrete.

pts linear feet of the corresponding himself and set,
race linear feet of all curbatone redressed, rejected
and reset.

The security required will be Three Thousand
Dellars.

The time allowed for the completion of the whole
work will be twenty-five consecutive working days.

Harough of Brooklyra.

No. 18. REPAVING WITH ASPHALT PAVE MENT ON PRESENT PAVEMENT RELAID AS FOUNDATION THE ROLLWAY OF CLASSON AVENUE The quantity and quality of work to be done is as follows:

ollows:
7.0% aquare yards of ambalt pavement, including binder course.
7.0% aquare yards of old scone pavement to be related as foundation or an approacher.
2.1% incar feet of new curbatons furnished and ser.
7.1 incar feet of old authatons redensed, rejoined and rest.
The scarpity required will be Eught Thousand. scentry required will be Eight Thousand

Deliars.

The time allowed for the completion of the whole work will be terry-five consecutive working days.

No. 13. REPAYING WITH ASPHALT PAVEMENT ON CONCRETE PUBLICATION THE ROADWAY OF HOOPER STREET, Iron Les avenue to Harrison avenue.

The quantity and quality of work to be done is as follows:

10. 30 square yards of asphalt passences, including binder nourse. 14 square yards of old atone passement to be relain as foundation or in approaches.

148 orbic yards of concrets.

7,28, input for or new orthogon burnished and salve. House (set o) old out meloused, repliced as

Security required will be Seven Thomas of 10d at 5
The Bine allowed for the templation of the whole work will be thereby for accounting working days.

No. 14. REPAYING WILL ARPHARIT AND GRANTITE BLOOK PAYED IN 10 A LOUGHBETT TO NOT AND THE ROLDERT TO NOT AND THE ROLDERT AND CONTROL IN STREET AND CONTROL IN STREET.

of lower transfer of peptials personal including the personal including course.

J. separate product of a some parsonal in the religious arrangement of the conduction of the product of the personal including the personal including the personal including the personal including personal perso

The sounds; required will be highered formulated bollars.

The since allowed for the completion of the whole work will be extrafted concentres entrong days.

No. 15. REPAYING WITH ACCULATE PAYING MENT ON THE END BAYMENT RELAID AS FOUNDATION THE ROADWAY OF CARLETON AVENUE, from builds street to Flatback symme.

The quantity and quality of work in the doze at an officer.

Ho granticy and grainty or work is the desiral follows:

1.483 spinors yards of explaint payments to calcular hinder course.

1.483 spinors yards of old annequationent in or related as houselession of the grantic form of the grantic form of the grantic form of the grantic form.

The recurring required will be live Thousand Indiary.

The recurring the commonter serving large.

No. 18 REGULATING, GRAPING, AND PAYMENT ON CONCLETE FOUNDATION THE ROADWAY OF CATON AVENUE, from Plainting or the grantic form Patients or the control of feach Robby and the grantic form of the grantic from Fraction to the threshoo Beach Rathered, and quality of west in he take it as follows:

The quantity and quality of well in he first is as follows:

Lors entoxyards at carts erroration into square yards of traplate passement, including index course.

All online yards of courses.

All onlines feet of courses which furnished and set, to linear feet of old embryone reduces de, reconsidered and reset, only a square feet of old they stone furnished and land, use square feet of old they stone furnished and land, use square feet of old they stone retrouvest and related.

The accurry required will be five Thomsand Includes and and lands work will be first consecutive working slays.

So on REGULATING, GRAHING AND PAVION AND PAVION AUDICATION ALD TAVE THE RUADWAY OF ALARAMA AND MADE THE RUADWAY OF ALARAMA AND STONE, there are also seen to consequences. The quartity and quality of work to be done to us to the country and quality of work to be done to us

relaid.

The security required will be Fire Thomsand Dollars. The time allowed for the completion of the selections will be thirty consecutive working day.

No. 42. REGULATING, GRADING AND PAY-ING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF SACKMAN STREET from Pukin greening to Liberty agence.

The quantity and quality of work to be done as as follows:

ollows!

\* The cubic yards of earth excavation.

\* The square yards of usphale passement, including binder course.

\* Square yards of old some passement to be relaid to approaches. (Not us be bid for.)

\* The linear feet of concares.

\* The linear feet of cold-curses represent to be relaid to approaches.

\* Dinear feet of old-curses carried and set.

\* Dinear feet of old-curses reduce sed, reministed and set.

\* The linear feet of old-curses on the sed, reministed and laid.

\* Accommutar feet of old-flass transfer surrance feet of old-flass transfer surrance feet.

2,500 square foot of old flagstone retrimmed and re-

In it.

The smarty required will be Fire Thrusand Dollars.

The time allowed for the completion of the whole work will be thirty for constantive working days. Borough of the Brons.

No. 19. REPAVING WITH ASPHALT PAVEMENT ON PRESENT PAVEMENT
THE ROADWAY OF MURRIS AVENUE, from One Hundred and Fifty-Sift street,
and WITH GRANITE, BLOCKS ON A
CONCRETE FOUNDATION WIFH AS
PHALT STRIPS MORRIS AVENUE,
from One Hundred and Fifty-Sift street.
The quantity and quality of work to be done to as
follows:

follows:

22,700 square yards of sophale payencent, including honder source

22,500 square yards of all since payencent to be relaid as foundation or mappenaches.

400 cubic yards of concrein.

4,500 linear best of new carbetone in concrete furnished and set.

50 linear feet of old carbetone in concrete, reduced a square yards of new gravite block payencent.

4,500 square yards of new gravite block payencent.

4,500 square feet of new largestone for crosswalks furnished and laid.

The security required will be Twenty-five Thousand Bollars.

The time allowed for the completion of the whele work will be one hundred and fley consecutive work-

No. 20. REPAVING WITH ASPHALT PAVE-MENT ON THE PRESENT PAVE-MENT THE ROADWAY OF ELITON AVENUE, from four flundest and Fity-fifth street to One Hundred and Sixty-first

The quantity and quality of work to be done is a follows:

ollows)

ALT: square yards of asphalt payement including binder course.

ALT: square yards of all stone payement to be relaid on foundation or in approaches.

2,410 linear list of new curbstone in concrete furnished and set.

The closer feet of old surbstone or concrete reduces the curbstone of concrete reduces the curb linear feet of old surbstone or concrete reduces required will be far Thousand Dollars. The time allowed for the completion of the whole corb will be ninety gonseantive working flays.

No. at REPAYING WITH ASPITALT PAVE-MENT ON PRESENT BLOCK PAVE-MENT THE ROADWAY OF ONE BUN-DRED AND THEFT-FIFTH STREET, from Third avenue to Mort Haven Canal. The committy and quality of work to be done in an

to the course of applicat pavement, including binder course to add stone pavement to be relaid as foundation or in approaches. So times in course to a configuration of new currentme furnished and so in course.

The course course of the Haye Thousand Defender

form.
The time allowed for the completion of the whole work will be fully consecurive working days.

Burnigh of Queens.

No. of PIAVING WITH ASPITALT ON MAC-NAM PAVETENT PREPARED AS POLYMATION THE ROADWAY OF WAIN STREET, FLUSHONG, THIRD WARLI from Bonaling to Jamaica avenue, for quantity and quality of work for he done is us

transmissing gards of a spirals presented, including

for quantity and quality of sork to be done is as holds:

In the grey gards of a point precover, including both the grey gards of measurem prepared as sometimes.

The time allowed for the completion of the whole was a foundation.

The time allowed for the completion of the whole was all be very consecutive working days.

The time allowed for the completion of the whole was all be very consecutive working days.

The person of persons making an estimate shall furnish the same on a called envelope holds with the life given above of the work for which the estimate is made, with the or their none or more, and the day of least the form of said Department, at the said of an one of large the days of said Department, at the said of the or their none or more, and the day of large the estimate is really a said to be a day of precipity of the source made in order of large and of the contract was practicable.

Learn off or crimate is all positions in the more of large and of the contract made in ordering the material and said the number of the contract with him or the number of all persons interested with him or the number of all persons interested with him or the number of all persons interested with him or made in ordering the solution and content with any other person making an estimate for the come purpose, and in all persons interested with him or other person making an estimate for the come purpose, and in all persons interested with him or other person making an estimate for the come purpose, and in all resonance of the form of other officer of the Corporation, of a ref. in mod with all collections of the Corporation, of a ref. in mode with all contents and of the content of the person of the ref., and the content of the person of the content of the preceding of the content of the person of the content of the person of the content of the person of the content of the preceding of the content of the person of the content of

Bodders well write our the amount of their estimates in addition to inserting the same in against.

THE CONSTITUTE OF THE RESERVES OF HISTORY ALL BILLS RECEIVED IT HEALT TO STITUTE ALL BILLS RECEIVED IT HEALT WAS 1 WORLTHE STRUCK TO THE CITY SO TO TO.

Bridders are required to make there again or estimates upon the blank term prepared by the Commissioner, a capt of which with the proper carefulge in which is included the history of the commissioner, a capt of which with the proper carefulge in which is included the history of the commissioner and the bills. Together with the oppy of the contract rectaining the apendication, in the form appropriately the Corporation Counsel, on he advised on application to refer at the other of the Commissioner of Highways, Benda Data Commissioner of the Commissioner of Highways.

Commissioner of Highways.

DEPARTMENT OF HIGHWAYS, COMMUNICACY OFFICE, No., 43 TO ST PARK ROW, NEW YORK, July 8, 1981.

# TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A scale crycling, with the title of the work and the name of the hidder induced therein, also the number of the work in the advertisement, will be retrieved at No. or Park row, in Room ther, until or o'clock, on Fruesday, July 23, 1981, at which time and place the bids or estimates received will be publicly opened by the head of the Department.

ment.

In all the following contracts, as enumerated below, or passing or repairing with asphalt, block or granite anoment, the attention of bidders is particularly called at the requirements of the specifications whereby they are obliged to denouis autable samples of all manufall to be used with the Commissioner of flighways four (a) full days (helidays mends) before the day of opening bids as stated in this advertisation.

the most is any or opening need as stated in this acceptance.

Such samples and materials when deposited most be properly marked, he accompanied by proper certificates, etc., etc., all in a best conformity with the requirements of the specifications.

Horough of Munhattan.

No. 1. REPAVING WITH ASPHALT BLOCK PAVEMENT ON CONCRETE FOUN-DATION, THE ROADWAY OF WEST FIGHTY-EIGHTH STREET, bom Central Park, West, to Brondway.

The quantity and quality of work to be done is as follows:

6,74 square yards of as abait block pavement,

as square yards of old stone block payement to be lead in appropriates.

1,15% cubic yards of converse, including morner bed.

1,775 [mont feet of new outh furnished and see.

200 [lionar feet of old trubstone redressed, re-journed and reset.

skeless rovers complete for water manholas.

if manifess covers complete for sewer manholes furnished and sat, to security toquired will be Nine Thousand

Dollars.
The time allowed for the completion of the whole work will be fifty consecutive working days.
No. PAVING WITH ASPHALL BLOCKS ON CONCRETE FOUNDATION. THE ROADWAY OF EDGE COMBE AVENUE, from the world line of One Hundred and Fifty-fifth street to the world line of One Hundred and control of the cont

The quantity and quality of work to be done is as

square yards of asphult block pavement, sultic varies of congrets. linear feet of new rush furnished and set on concrete foundation.

Illnear feet of old carb redresses, rejointed and reset on concrete foundation.

8,000 linear feet of old carb reset on concrete foundation.

100 square feet of old bridgestone to be redressed and relaid (not to be but for).

20 noteless covers complete for sewer angalules (not to be bid for).

3 noiseless covers complete for water manholes (not to be bid for).

The security required will be Twenty-five Thousand tollars.

The security required will be Twenty-five Thousand Dollays.

The time allowed for the completion of the whole work will be sixty consecutive working days.

No. 5. FOR FURNISHING LAROR AND MATERIALS FOR AND CONSTRUCTING A SYSTEM OF DRAINS AND APPURTENANCE ON TWELFTH AVENUE, from near One Hundred and Twenty-north street to near One Hundred and Thirty-fourth street,

The quantity and quality of work to be done is as follows:

1.05. cubic yards of excavation.

The quantity and quality of work to be done is as follows:

1,05; cubic yards of excavation.

400 square yards of excavation.

400 square yards of paysment to be relaid (not to be bid for).

97 catch-basins complete with manhole head, are, 96 linear test of twelve (1/2) such cast-from pipe furnished and land.

132 linear test of ten (1/0) inch cast-from pipe furnished and land.

130 linear feet of eight (8) inch cast-from pipe furnished and land.

130 linear feet of eight (8) inch cast-from pipe furnished and land.

130 linear feet of eight (8) inch wrought-from pipe furnished and laid.

131 linear feet of free (2) inch wrought-from pipe furnished and laid.

132 linear feet of free (3) inch wrought-from pipe furnished and laid.

133 linear feet of free (3) inch wrought-from pipe furnished and laid.

144 linear linear feet of filling assume bases furnished and placed.

154 cast-from wheal grantes furnished and set completes.

155 analysis of concrete for filling assume bases furnished and placed.

156 smarriey required will be Iwn Thousand Dollars.

156 the address Iwn the completion of the whole work will be stary conserning working days.

157 Bernally in the completion of the whole work will be stary conserning working days.

Borough of Brooklyn.

FOR REPAYING WITH GRANITE BLOCK PAYEMENT ON A SAND FOUNDA-JION, THE ROADWAY OF TARK AVENUE, from Hodson avenue to Closson

The quantity and quality of work to be done is as follows:

The quantity and quality of work to be done is as follows:

10,300 square yards of new granite block payement, including sand bed, laid with sand joints.

300 square yards of oil stone payement to be relaid in approaches.

6.88 square feet of new bluestone bridgestones furnished and laid.

270 square feet of new bluestone bridgestone himshed and laid.

3,500 square feet of new bluestone reducesed, rejusted and relaid.

3,500 square feet of old bridgestone reducesed, rejusted and relaid.

3,500 bluese feet of new ourbstone turnished and set, and least feet of new ourbstone turnished and set, and reser.

10,300 square feet of fluoring relaid.

The security required will be Ten Thousand Dolfars. The time allowed for the completion of the whole work will be sixty concecutive working days.

No. 5, REPAVING WITH GRANITE-BLOCK

No. 5. REPAVING WITH GRANITE-BLOCK PAYEMENT ON A SAND FOUNDA-TION, THE ROADWAY OF UTICA AVENUE from Eastern parkway to the line between the Fweuty-Jointh and Twenty-niath Wards.

The quantity and quality of work to be done is as follows:

films:

4,003 square yards of row granite-block pavement, including sand had laid with sand journ is square yards of old some block pavement to be reliable approaches;

130 square feet of new granite bridgestone furnished and laid.

240 square feet of old bridgestone redressed, rejointed and reliable.

300 times feet of ewe curbatone furnished and set, to and reliable and reliabl

and reset. 348 cubic yards of sucryation. The security required will be Tures Thomson. Dollars.

The time allowed for the completion of the whole work will be therry five consecutive working days

No. 6. REPAVING WITH GRANTE BLOCK PAVEMENT ON SAND FOUNDATION THE ROADWAY OF MELECUL STREET, bogs Hamburg sevens to broad

way,

The quantity and quality of work to be done is as follows:

s follows:

8.50 square yards of new granite block passment, including sand led, laid with sand joints:

9.50 square yards of old stone block passment to be retaild in opproaches.

0.77 square feet of new granite brolgestone furnished and laid.

9.8 square feet of old bridgestone redressed, rejointed and relaid.

4.521 linear feet of new curbstone furnished and set flood linear feet of new curbstone furnished and set flood linear feet of old curbstone fedressed, rejointed and resaid.

and reset.

100 square feet of new bluestone bridging furnished
and faid.

The security required will be Six Thousand

Dollars.

The time allowed for the completion of the whole work will be sixty consecutive working days.

Borough of The Bronx. FOR RECULATING, GRADING, SET-TING CURESTONES, FLAGGING THE SIDEWALKS, LAVING CROSSWALKS AND BUILDING APPROACHES IN MINFORD PLACE, from Jennings street to Boston road.

to Boston road.

The quantity and quality of work to be done is as

follows:

9,800 cubic yards of earth excavation.

800 cubic yards of rock excavation.

15,100 cubic yards of filling,

100 cubic vards of dry rubble masonry in retaining

walls, culvers and gutters.

2,600 linear feet of new curbatone furnished and set.

10,200 square feet of new figging furnished and laid.

672 square feet of new bridgestone for crosswalks

furnished and laid.

The security required will be Six Thousand One

Hundred Dollars.

The time allowed for the completion of the whole

The time allowed for the completion of the whole ork will be one hundre! and twenty consecutive

No. 8. FOR REGULATING, GRADING, SET-TING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, IN EAST ONE HUNDRED AND SEVENTY FIGHTH STREET, from Lafontaint avenue to Hughes avenue. The quantity and quality of work to be done is as follows:

llows:
1.000 cubic yards of earth excavation.
350 cubic yards of rock excavation.
550 cubic yards of filling.
601 lines feet of new Eurostone furnished and set.
4.100 square feet of new flagging furnished and laid.
The security required will be One Thousand

The time allowed for the completion of the whole work will be thirty consecutive working days. No. 9. REGULATING, GRADING, SETTING CURESTONES, FLAGGING THE SIDE-WALKS, LAVING CROSSWALKS, BUILDING APPROACHES AND PLAC-ING FENCES IN EAST ONE HUN-DRED AND NINETY-FOURTH STREET, from Websier oversie in Kings-bridge road.

The quantity and quality of work to be done in an officer.

bridge road.

The quantity and quality of work to be done is as follows:

2,50 mole yards of earth exceedings.

3,50 mole yards of earth exceedings.

4,50 mole yards of sock sengerton.

4,000 subin yards of filling.

100 linear feet of varified drain-page (to 10 r8 moles in donneter) in place.

1,000 mole yards of dry rubble masonity in retailingyalls, culverts and gutters.

2,001 linear feet of new gurds for furnished and set,

100 to be hid for).

1,00 square feet of new flagging furnished and baid,

10 square feet of new flagging taken up and relaid
(not to be hid for).

1,00 square feet of new bridgestone for crosswalls

furnished and laid.

27 square feet of edd bridgestone for crosswalls

furnished and laid.

27 square feet of edd bridgestone to be relaid (not

to be bid for).

The structy required will be Seven Thousand

bollars.

The time allowed for the mompletion of the whole.

The time allowed for the completion of the whole work will be two handred consentive working they.

No. 10. FOR REGULATING, GRADING, SETTING CURRETONES, FLAGGING THE SIDEWALKS, LAVING CROSSWALKS, BUILDING APPROACHES AND FLACTING FENDS OF STREET, BY THE STREET, STREE

The quantity and quality of work to be done to us inflows:

The quantity and quality of work in the dame is problemed.

In a critic yards of worth encyclien.

In each yards of brock accuration.

In the problemed of filling.

In the problemed of daments in place,

It could allowed in place,

I would caule therefore quarters.

I wo linear for of new conference for every finite and seal,

I wo linear for of new conference for every walks, the state for of the bridgestones for every walks, the state for of the bridgestones for every walks,

Interesting the problemed will be four Thomsand Fore Bundred Dottore.

The time allowed for the completion of the whole work will be eighty consecutive working day.

No. 11. FOR REGULATING, 15 PADING, SET-

NO. 11 FOR REGULATING, SPADING, SET-TING CURRETONES, FLAGISTING SHEWALKS, LAVING EROSS-WALKS PLACING FENCES, LAVING GRANTIL-BLOCK PAYEMENT AND PLANTING TRIFTS IN WEST PARMS ROAD, from Westbatter 20000 to

Tremont nymnes.
The quantity and making of work to be done in a follows:

The quantity and quality of work to be done is solutions;

24, so enthe yards of math executation,

27, so ruling yards of filter.

20, making yards of filter.

20, making yards of filter.

20, making yards of filter.

21, making yards of filter.

22, making yards of filter.

23, making yards of filter and yards of the second yards of the problem and yards of yards of garden yards of garden yards of yards of yards for the yards of yards of yards yards of yar

lars.
The time allowed for the completion of the whole were will be four transferd communities working days.

No. 12. REPAYING WITH ASPHALT-BLOCK
PAVEMENT ON CONCRETE FORM.
HATHON THE ROADWAY OF LAST
ONE HUNDRED AND FORTY-FIRST
STREET, IELD Third avenue to Brook

The quartity and quality of work to be done is as follows:

these states of asphalt-block pavement.

The against yards of all stone-block pavement to be
relaid to appropriate, sit, fort to be bid for),

togs cabic yards of convers, including norter bed,
type cabic yards of convers, including norter bed,
type linear feet of new ambronic burnished and

ey no linear last of old parbstone redressed, rejointed and reset.

ey ma linear less of old carbstone redressed, rejointed and reset.

The accornity required will be light Thousand Bellars.

The time allowed for the complation of the whole work will be seventy-five consensive working days.

The person of pursons making an estimate shell turnish the some in a scaled care-loge motorsed with the bide given above, of the work for which the estimate is made, with his or their name in name, and the same of a scaled preparation, at the same of a scaled persons and the same of prevailed on, to the head of said Department, at the said office, on or before the date and bone above maneal, at which time and place the estimates excived will be publicly spence by the head of said Department and read and the award of the contrain made according to law as soon thereafter as practicable.

Each hid or estimate shall contain the name and place of residence of each of the persons making the same, the maneas of all persons interested with him or them thornin, and if no other person he so interested it shall distinctly struct that not; also that it is made without any amountine with any other person making an estimate for the same pirpose, and is an all respects the adminished according to form the form of the maneau of all persons interested with him or them thornin, and if no other person making an estimate for the same pirpose, and is an all respects har and without collision or found, and that no member of the Minicipal Assembly, head of a department, cline of a burean, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or is not portion of the profits thereof. The astimate must be verified by the said, in writing, of the party or parties making the estimate that the several matters stated therein are in all respects true.

Each hid or estimate shall be accompanied by the consent in writing of two householders at tresholders in the City of New York, or of a guaranty or surety compan

required, as required in section are of the Grester New York Charter.

For particulars as to the quantity and quality of the supplies or the nature and estent at the work required or of the materials to be furnished, hidders are referred to the pranted specifications and plans. The work and the materials must conform in every request to such printed specifications and plans, flittlers are continued to examine the specifications for particulars of the structes, sic., required for making their estimates. Bidders will write out the amount of their estimates in addition to inserting the same in figures.

THE COMMISSIONER OF HIGHWAYS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED IF HE DEEMS IT FOR THE BEST INTERESTS OF THE UTITY SO TO DO.

Bidders are required to make their bids or estimates upon the blank form prepared by the Commissioner, a copy of which, with the proper envelope in which to including the specifications, in the form approved by the Corporation Counsel, can be obtained on application therefor at the office of the Commissioner of Highways, Room No. 1056 where the plans and drawing which are made a part of the specifications can be seen.

[AMES P. KEATING.

JAMES P. KEATING, Commissioner of Highways.

#### DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION,
CORRESPONDE AND THEORY,
HOROUGH OF MAINATTAN, CITY OF NEW YORK.

PROPOSALS FOR BIDS OR ASTIMATES.

STALED BIDS OR ESTIMATES WILL BE RE-reived by the Committee on Buildings of the Board of Education of The City of New York, at the Hall of the Board, southwast corner of Park avenue and Fifty-meth surer, Burough of Manhattan, mail , o'rlock

#### MONDAY, JULY 42, 1901. Borough of Brooklyn.

No. 1. FOR ALTERATIONS, REPAIRS, ETC., IN BALZER HALL, GRANT AND PROSPECT STREETS, BURGLIGH OF BROOKLYN.

FOR INSTALLING HEATING AND VENTILIATING APPARATUS IN PUBLIC SCHOOL 20, GATIS, NEAR HALFIL AVENUE, UTBLIC SCHOOL 4, NOZMAN AVENUE, NEAR ECK-FORD STREET, AND GIRLS HIGH SCHOOL, NOSTRAND AVENUE, CORNER OF HALSEY STREET, BOROUGH OF EROOKLYN.

Boroughs of Manhattan and The Brent.

NER OF HALSEN STREET, BOROUGH OF BROOKLYN.

Boroughs of Manhattan and The Brong, No. 3 FOR REPAIRS, PLEM 3, PUBLIC SCHOOL 34, No. 408 BROOME STREET, BOROUGH OF MANHATTAN.

No. 4 FOR INSTALLING HEATING AND VENTURE OUT OF MANHATTAN.

No. 4 FOR INSTALLING HEATING AND VENTURE STREET, BOROUGH OF MANHATTAN.

No. 4 FOR INSTALLING HEATING AND VENTURE STRING. 13, SOUTHWEST CORNER OF FON AND DAYE HUNDERED AND SIXTY SEVENTH STREETS, BOROUGH OF THE BRONN.

No. 5 FOR INSTALLING ELECTRIC-LIGHT WINDING. FIXTURES, FLICTRIC-BILL SYSTEM, FTC., WARDLIGH HIGH STRUETS FLICTRIC-BILL SYSTEM, STREETS, 1008 FERTURES, FLICTRIC-BILL SYSTEM, STREETS, 1008 FERTURES, TO SEVENTH AVENUE, BOROUGH OF MANHATIAN.

No. 5 FOR INSTALLING INFAILING AND VENTILATING AND FURTHERN HIGH SCHOOL, ONE HUNDERD AND HITTERN HIGH SCHOOL, ONE HONDIST STREETS, 100 FERTURES, 100 FERTURE, 100 FERTURE,

The time showed to compute their an estimate should minuty (so) theys.

The person or persons making an estimate should true be a made in a analisis envelope to the estimate is made, with his or their minute on Buildings or an analysis and the estimate is made, with his or their minute on Buildings or an Department, at the said office, on or before the care and hour above united and which time and plans the estimates received will be publicly opening by the London mittee on fluidings and word, and the award of the contract order or the lowest of their according to law.

Each estimate shell common the name and plans of residence of the person ordering the same, the names of all persons interested with him therein; and that months of the City of New York is directly an indirectly interested therein, as provided in section 245 to 310 of the Revised Ordinaums, 1839, and in the blank term of hid orontomed below and invasible by the Department.

of the Revised Ordinauses, 1897, and in the blank form of half mentioned below and increased by the Department.

The estimate must be verified.
Each bid or estimate shall be decompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly anthorized by law to see us a surety, and shall contain the matters see forth in the blank form of bid mentioned below.

No estimate will be received or considered unless accomposed by a certified check, or noney to the amount of five for vertical of the amount of the load required, as provided in section 480 of the Greater New York Charter.

For particulars as to the quantity and madity of the supplies or the nature and extent of the work required or the materials to be furnished, bidders are referred to the privated specifications and the planes.

Bidders are requested, in making their lads as estimates, to use the blank prepared for that purpose by the Committee on Emildings, a copy of which, and also the proper envelope in which to inclose the same, together with the form of agreement, including specifications, in the form approved by the Corporation Compact, and showing the manuer of payment for the work, can be obtained upon application therefor at the estimating soon, eighth floor, Hall of the Bourd of Education, corner of Park avenue and Fifty-ainth street, Borough of Manhattan.

The By-Laws of the Board of Education may be examined at the office of the Secretary.

Dated Boxough of Mashattan, July 11, 1901.

RICHARD H, ADAMS,

CHARLES E. ROERERTSON,

ARRAHAM STERN,

WILLIAM I, COLE,

PATRICK J. WHITE,

JOHN R. THOMPSON,

JOSEPH J. KITTEL,

Committee on Buildings.

DEFARTMENT OF EUGGATION, COURSE PARK AVENUE AND FIFTY-NINTH STERET, BOROUGH OF MANHATTAN, CITY OF NEW YORK,

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE RE-ceived by the Committee on Buildings of the Board of Education of The City of New York, at the Hall of the Board, southwest corner of Park avenue and Fifty-ninth atwest, Borough of Manbattan, unsul it o'clook r. w., on

MONDAY, JULY 23, 1901. Burough of Brooklyn.

Beroughs of Manhattan and The Bronx. No. 2. FURNITURE FOR NEW PUBLIC SCHOOL. 178, NORTH SIDE OF ONE HUNDRED AND SIXTY-THIRD STREET, BE-TWEEN GRANT AND MORRIS AVE. NUES, BOROUGH OF THE BRONX. No. 2. FURNITURE FOR NEW FUBLIC SCHOOL.
178. NORTH SIDE OF ONE HUNDRED
AND SIXTY-THIRD STREET, BETWEEN GRANT AND MORRIS AVE.
NUCS, BOROUGH OF THE BRONX.
No. 4 SANITARY WORK AT WADLEIGH
HIGH SCHOOL, ONE HUNDRED AND

FOURTEENTH AND ONE BUNDRED AND FIFTEENTH STREETS, ONE HUNDRED FEET WEST OF SEVENTH AVENUE, BOROUGH OF MANHAT-TAN.

Borough of Queens.

No. 5. FOR ERECTING NEW PUBLIC SCHOOL.

8. GETENPOINT AVENUE AND
PEARSALL STREET EAST OF BRADLEY AVENUE, BOROUGH OF
QUEENS.

Baroogh of Richmond.

No. 6, FOR FRECTING RICHMOND BORBUCH HIGH SCHOOL NO. , IAY AND WALL STREETS AND STUVYESANT BLACK, NEW BELGHTON, BOROUGH OF RICHMOND.

NEW BEIGHTON, BOROUGH OF RICHMOND.

No. 7. FOR INSTALLING ELECTRIC-LIGHT WIRING, FIXTURES, AND ELECTRIC GITMS SYSTEM IN PUBLIC SCHOOL.

18. ON NORTHEAST CORNER OF BROADWAY AND MARKET STREET, WEST NEW BRIGHTON, BOROUGH OF RICHMOND.

The security required on Contract No. 8 is 514 Handred (no) Italians on Iron 2. Free Hundred (yes) Italians on Iron 2. Free Hundred (yes) Italians on Iron 3. The security required on Contract No. 8 is 154 Handred (res) to Italians.

The security required on Contract No. 5 is 154 Transaud (respect Ludius.

The security required on Contract No. 5 is 154 Transaud (respect) Italians.

The security required on Contract No. 5 is 154 Transaud (respect) Italians.

The security required on Contract No. 6 is 5 executive Thomas (respect) I solars.

The time security required on Contract No. 6 is 5 executive Thomas (respect) I solars.

The time allowed in complete Contract No. 2 is September 1, 100.

The time allowed to complete Contract No. 5 is two

comber 15, 150.

The time allowed to complete Contract No. 5 is two hundred and first (250 days.

The time allowed to complete Contract No. 6 is three hundred (250 days.

The time allowed to complete Contract No. 6 is three hundred (250 days.)

The time allowed to complete Commus No. 7 or Amount 24, 2502.

The person of persona making an estimate shall furnish the some fir a usual regular, index need with the lifting priva arms, of the ware for which the situation is more, with his or their master arms and the state is more, with his or their master or which the situation is more, with his or their master or buildings of said Department, at the sold office, on an bolium the situation of the sold office, on an bolium the state and hour above unused, and which time on place the estimates received will be publicly opened by the Committee on Buildings and read, and the award of the committee on Buildings and read, and the award of the committee on the lowest hidder, according to law.

Each estimate shall contain the mane and place to residence of the person making the same, the names of all persons or created with him therein; and that no officer of The City of New York is directly or indirectly or indirectly decreased ordinances, above and namichal by the Department.

The estimate one board form of bid mentioned below and namichal by the Department.

The estimate with the Department.

The citinate one be verticed.

Each left or retinate shall be accompanied by the contain the matters set birth in the blank form of bid mentioned below.

No estimate will be received or considered nationaccompanied by a certifical check for money to the amount of five set certified check for money to the summary of the summary and quality of the supplies or the matter and section and the plane.

For particulars as to the quantity and quality of the supplies or the matter and section and the plane.

Finders are responsible to the first purpose by the Committee on Buildings, a capty of which, and election, and the form of against their first individual and the proper only one of the form of against on the other of the form of against of the committee of the form of against of the committee of the form of against of the proper of the form of against of the other of the form of

GHOW MASHATTAN, IRDE 44, 1997.
RICHARD H, ADAMS,
CHARLES E. ROBERTSON,
ABRAHAM STERN,
WILLIAM J. COLE.
PATRICK J. WHITE,
JOHN R. THOMPSON,
JOSEPH J. KITTEL.
Conmittee on Ruidings.

DEFAUTABLE OF THE TOPY OF YORK BUSINESS OF MANUALTY STREET, BUSINESS OF MANUALTY IS, CITY OF NEW YORK.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL HE RE ceived by the Committee on Buildings of the Foure of Education of The City of New York, at the Hall of the Hoard, southwest corner of Park avenue and Fifty winth street. Borough of Manhatran, until 1 o'clack P. 80, 00

MONDAY, JULY 28, 1901.
Rorough of Brooklyn.

No. 2: FOR IMPROVING THE SANTIARY CONDITION AND ALTERATIONS TO PURLIC SCHOOLS 72, 74, 27, 27, 53, 38, 40 D BOYS HIGH SCHOOL, BOROUGH OF BROOKLYN.

No. 3: FOR NEW FURNITURE FOR OLD SCHOOL, BUILDINGS, BOROUGH OF BROOKLYN.

Boroughs of Manhattan and The Broux. No. 5. FOR IMPROVING THE SANITARY CON-DITION OF PUBLIC SCHOOLS 7, 23, 25, 27, 26, 47, 57, 71, 72, 73, 77, 79, 88, 88, 96, 49, 417 AND 135, BOROUGHS OF MAN-HATTAN AND THE BRONX.

No. 5. FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 5, 29, 43, 49, 59, 56, 68, 81, 89, 91, 75, AND 157, BOROUGHS OF MANHAITAN AND THE BRONX.

Borough of Queens,

OR NEW FURNITURE FOR PUBLIC SCHOOL 44 CORNER OF BOULEVARD AND ACADEMY STREET, ROCKA-WAY BEACH, BOROUGH OF QUEENS. No. 9. FOR

WAY BEACH, BOROUGH OF QUEENS.
The security required on the several jobs mentioned
ander No. 2 is Sevensen Hundred (1,700) Bollars on
Public School 17; Nine Hundred (200) Dollars on
Public School 27; Eight Hundred (3,00) Dollars on
Public School 27; Forty-five Hundred (8,00) Dollars on
Public School 27; Forty-five Hundred (8,00) Dollars on
Public School 27; Forty-five Hundred (8,00)
Dollars on Public School 55; Four Thousand (8,00)
Dollars on Public School 55; Fitten Hundred (8,50)
Dollars on Public School 86, and Twelve Hundred
(1,700) Dollars on Boys' High School, Borough of
Brooklyn.

27, 26, 47, 57, 72, 72, 73, 77, 79, 32, 33, 95, 103, 115, and 13.

The security required on the several jobs under No. 8 is Nine Hundred (920) Bollars on Public School 5; Nine Hundred (920) Bollars on Public School 43; Several Hundred (920) Dollars on Public School 43; Several Hundred (920) Dollars on Public School 43; Several Hundred (920) Dollars on Public School 68; Sort Hundred (920) Dollars on Public School 68; Four Hundred (920) Dollars on Public School 7; Nine Hundred (920) Dollars on Public School 7; Nine Hundred (920) Dollars on Public School 75; and Free Hundred (920) Dollars on Public School 75; and Free Hundred (920) Dollars on Public School 75; and Free Hundred (920) Dollars on Public School 75; and Free Hundred (920) Dollars on Public School 75; and Free Hundred (930) Dollars on Public School

if the mentioned below and turnished by the Department.

The estimate must be verified.
Each taid or estimate shall be accompanied by the content, in writing, of two tools before or tresholders, in the City of New York, or not a maronly or surely conjusty, and shall contain the matters set forth in the blank form of bed mentioned below.

No continues will be received or considered unless accompanied by a certified check, or money to the amount of five her extended in section ago of the Granter-New York Chares.

For particular was to the quantity and quality of the supplies or the matter and extended to the plane.

For particular was to the quantity and quality of the supplies or the matter and extended to the prince are relaxed to the princed specifications and the plane.

Indicar are requested, in making their hids or extimates, to use the blank prepared for that purpose by the Committee on Billibrogs, a copy of which, and also the proper coveringe in which as inclose the same factors, in the form approved by the Corporation Counsel, and showing the manner of payment for the work, can be obtained upon application therefor at the extinating room, sighth their, Itall of the Board of Education counser of Markattan.

The By-Laws of the Secretary.

Dated Boxcycus or Macharatas, June 20, 1901.

RECHARLES E. ROUNDE LOW.

I WE MASHATEAN, JUNE 28, 7007.

RICHARD H. ADAMS,
CHARLES E. ROHERLSON,
ABRAHAM STERN,
WILLIAM J. COLE,
PATRICK J. WHITE,
JOHN R. THOMPSON,
JOSHPH J. KUTTEL,
Committee on Buildings.

# OFFICIAL PAPERS.

MORNING-MORNINGJOURNAL, "TELE M graph."

Evening—"Dady News," "Commercial Advertiser, a
Weekly—"Weekly Union."
Semi-weekly—"Hariem Local Reporter,"
German—"Morgen fournal,"
WILLIAM A. BUTLER,
Sopervisor, City Resort.

# BOARD OF RAPID TRANSIT RAIL-ROAD COMMISSIONERS.

RAPID TRANSCI RALBOAD COMMESCIPTERS, CHIOR ENGINEER'S (THERE, NO. 33D BROZOWAY, NEW YORK CITY.

BIDS FOR WASH BORINGS IN THE EAST RIVER, NEW YORK CITY.

SEALED BIDS WILL BE RECEIVED AND opened by the Chief Engineer, Ranta of Rapid Transis Railroad Commissioners, on

THURSDAY, JULY 25, 1901,

for the making of Wash Borings in the East river, New York City,

Than and specifications may be seen and premured at the office of the Chief Engineer, No. 320 Broadway, New York.

WAS BARCTAN MARSONS

WM. BARCLAY PARSONS, Chief Engineer,

# DEPARTMENT OF STREET

DEFAUTMENT OF STREET CLEASING, NOS. 13 TH 21 PARK ROW, PARK ROW BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Street Cleaning, at the above office, until 12 o'dlock M. on

TUESDAY, THE 36th DAY OF JULY,

for the final disposition of all garbage and bindred refuse and all robbits and light refuse that may be collected in the Borough of The Bronx.

The quantities to be disposed of are to be estimated on the basis of the quantities collected in 1899, which were as follows:

Garbage—The average duily collection.

were as follows:

Garbage—The average daily collection was twenty-two (2) fous, the maximum collection was during the month of August, when the average daily collection was forty-three (4) tons.

Rubbys and Light Refuse—The average daily collection of this material was ninetwer (4) tons or one hundred and seventy-five (72) subic years, the maximum collection was during the months of May and Jane when the daily average was twenty three (2) tons.

The period or the work under the matrice; will be for the term of one (1) year from August 2, 100.

The amount of a unity required is Iwany Thousaid Bollian (20,000).

The period a persons making a hid or satingstement must must be the hard on a scaled coverboe indexes with the title of the work, with his or their owns a some and place of readence and date at preventation at the said offer, one of above the date and hour above mentioned, as which time and place the hid or estimates will be publishy special by the bond of the said Department.

Each hid or estimate shall contain the more med place of residence of each of the person, making the again, the name of all persons intervanted with fine the ring, and if no other persons he we intervented at should distinctly state than the r. above that it is made without any commention with any eacher person making a bad at estimate for the same purpose and that it is not a resistance for the same purpose and that it is not a section to the fine and a large meant, stepsity the root, or clerk therein, this or but in the same purpose are the view of a beginning the person making a bad an extinct of the Stunnengal Australia, had not begin must, stepsity the root, or clerk therein, this or is the first and making a bad an extension of the profits thereof, a principal, arrany or otherwise.

Each hid or estimate shall be contract by the noth in

in the supplies or work to which it relates by 10 any perform of the profits thereof, a principal array otherwise.

Tack had or estimate shall be verified by the oath in writing of the person making the same that the several marters cared thereon are to all respect (for.

Each had or estimate shall be accompanied by the control of the company of writing, of two bower hadders or tra-hadders in The City of New York, or of a manner of shall be accompany they conformed by the reason of the contain the matter set forth in table of our soul summary dily conformed below.

Each had or estimate must be company to the contain the matter set forth in table of our strains about some a selection of the contain the first per contain of the contain the first per contain of the contain the first per contain of the contain the first proposed in any one year in the process of the contain the first proposed in any one year in the process of the second of the arms of the contain the first of the contain the first of the contain the perfect passes of the second of the second of the second of the contain the first of the said local second of the second o

PROPOSALS FOR BITS OR LATIMATES.

#### Borough of Manhattan.

S EALED BIDS OR ESTIMATES WILL BE received by the Department of second community of the above offers, until its o'clock will be

TUESDAY, THE ROOK DAY OF JULY.

TUESDAY, THE ROTH DAY OF JULY.

TO the final dispersion of the problem of the final dispersion of the model of the problem of the final dispersion of the model of the problem of the problem of the problem of the final dispersion of the model of the problem of the final dispersion of the model of the problem of the final dispersion of the model of the mod

DEPARTMENT OF STREET CLEARING, MAIN OFFICE, NO. 13 TO 11 PAGE ROW, BODGLIGH OF MASHAPPAN.

PUBLIC SUPICE.

SEALED BIDS OR ESPIMATES FOR TUR-nishing Forage for the new of the Department of Street Cleaning, at Nos. 1; nor I ask row. Borough of Manhattan, mail is o'clock at. of

FRIDAY, THE 26th DAY OF JULY,

at which time and place the said bids or estimates will be publicly opened by the hand of the Repartment for the following articles: 275,700 pounds Hoy, of the quality and sundard known as princ buy. 64,000 pounds No. : clean, long Rys Etraw.

4554

\*\*\* From Son's White (Egges) Case, a security would, well cleaned and for from state grain, weighting and his both is a sole in the manuferd fooliation of the formal sole in the manuferd fooliation and first quality Flack bear.

\*\*\* The first quality Flack bear.

\*\*\* The personner powers making which or estimate small formals his warm in a scaled encolopic indowed with the orthor of account for manufacture and the manufacture of the personner powers making which or estimate small formals his warm in a scaled encolopic indowed with the orthor of new order and the date in an encounting or the bearl of the said Department, strice could promy in the bearl of the said the personner is more and the date in an encounting or the bearl of the said the Department and rating and the agreement and making the same, the agreement hidsen with adequate accounts of the same, the agreement hidsen with adequate watering the same, the agreement hidsen with adequate watering the same, the agreement hidsen with a string the same, the agreement of the same and rating an indirected it half distinctly man that he agreement and indirected it half distinctly man that he agreement and the same and the s

Heraphian of Straig Caratro Straig and Place Res Benduk of Middle on New York, July 8, 1911.

#### PUBLIC SOFICE.

Seal the time of EFFMAYES for PER-middle has the consistence of the Department of Structure and in the house of the Department of Times will be received at the main office of the De-partment as above, such procedures of

TURNDAY, THE 28st DAY OF SULY, 1901,

for the Ciberto's resince supplies or articles:

in from Cone, of the decomposit of forth or
that attach, we determ a part of the contract.

The minoral of country required is the Thermood
True Hanning Dublace.

The parson of persons making on extends shall brinish the soon of a seriest envelope indexed with the 100 of the work for which the bid or semante is made, with this or thour makes or makes and the drie precioustics, or the bond of the and Department, at the studentless, or as before the slan and lines above more, in which me and place the estimates will be published as well beginned by the fixed of the Department and only, and the award of the contract glack to the layer makes, with susuants wellfitly as seen thereafter a project while.

provide the training and the state of the partial radiation the come and place of an although of the partial radiating the value, the names of all partials increased with film there is made at an although person have interested it shall distinctly state that fact; also that it is made without any name of the state partials and that it is used to a state of the state purpose and that it is used for some of the state purpose and that it is used for some of the state purpose and that it is used for specially and the although a state of the Managara and the state of the stat

which it relates or in any parties of the profits thereof, as principal, survey of otherwise.

The extensive shall be serviced by the outh, in writing of the party making the same, then the several matter stated discrete as in all respects true.

Bridges often same in their bids or estimates the price for which they will burnled the applies, and this crise mass he written out and must be given also in layers.

Lach had or attenute must be accompanied by the caused to written of two had one attenued by the following of the householders or brechedders in the fair of New York, or of a glarifully or survey company doly authorized by law to act as surery, and shall contain the matter set farifi in the blank form of bid mentioned below.

No bid or attenues will be received or considered unless accompanied by a certified chack or many trake amount of the provided in section 42c of the Greater-New York Charter.

For particulars as to the quantity and quality of the supplies and the testure and assume of the work provided in the blank proposed by the Commissiones. Bridges are required to the tight, prepared by the Commissioner.

Bridges are required to make their bide or estimates under the blank prepared by the Commissioner, a super of which, with the proper envelope in which is a necles the bid the prepared by the Commissioner.

E. M. OHEGUN,

Deputy Commissioner of Screet Cleaning, Borough

F. M. OHSON,
Diquity Communishmer of Street Cleaning, Borough
of Manistino, designated with full powers of Commissioner.

DECASTRACT OF STREET CLEARISM.
MAIN UNITED, NOS. 1; TO 2: PAGE ROW,
BOROGRA OF MARIETTAS,
NEW YORK, July 2, 290.

# PUBLIC NOTICE,

SEALED BIDS OR ESTIMATES FOR FUR. onishing Lumber for the use of the Department of Street Cleaning, in the boroughs of Manhattan and The Brens, will be two two at the main office, as above, that I is a book at of

HONDAY, THE 23d DAY OF JULY, 1901, at which time and place the suid indo or estimates will be publicly opened by the local of the said Department in Jural, and the award of the contract will be made us the lowest highler, with adequate scenery, as soon describer as practicable.

The time borthe completion of the soutrant is Decem-

The amount of the accurity will be anothall of the amount of the prices bid.

Total, part for hill.

Total Alex County to Mr. County Count

North Landing Phys (Amid, etc.). Tenal (1,000) four B.M.

White House (the spend on both shifts), Total, 7, per burt, B, M,

Total, s. 440 feet, B. M.
The personner on D. M.

Total, 7, per text, 11, 13.

The person or person training an estimate should form the there are it a small environ in the there are it a small environ in the there are it a small environ to which it estimate is made, with the orthold watter to which it estimate is made, with the orthold watter in mouse and the watter of the said of the orthold Department, at the said office, on or before the date and hour above momed, at which there are proposed by the beach of said lapartment of produce to the publicly opered by the beach of said lapartment waters, and and the owner of the produce of the publicly opered by the beach of said lapartment waters as present or said to the country of the water that that a lass that it is made waters as present or said to said of the person of the person or said of the orthold one is said to said or person or said of the orthold of the orthold of the person of the orthold of the orthold of the person of the orthold or the orthold of the orthold of

callons.

Moders are requested to make their fails of estimates mean the blank prepared by the decreme energy a copy of a birtly with the erroper meetings in which to inclose the lad, together with a copy of the contract, in the form improved by the Comparation Council, and slowers the massacr of payment for the supplies, can be admired use application therefor as the affect of the said Compared on the said Compared to the sa

F. M. GIBBON.
Deputy Communication of Street Venuing, herough at Manhattan designated with full powers of

DECOUNS HAVING BULKHEADS TO FILL, in the socially of New York Pay, can procure notice of nor that parameters show street sweepings, etc., such as is collected by the Department of Street Chambian street of Street Chambian street Chambian and the Commonwood of Street Chambian, Nos. 1 to at Park row, Darrough of Mathatian.

PERCIVAL E. NAGLE, spaces of Street Cleaning,

# DEPARTMENT OF PUBLIC BUILD-INDS, LIGHTING AND SUPPLIES.

Disease floridates, le sye- and Supples Committee of Origin, No. 20 Page Row, Boscon in Mandayan, July 18 18-5.

phorogals for hite or issumates.

STAILED BIDS OR ESTINATES WILL BE received by the above Department in Room No 1706 at the above office, until travelock A. M., on

# THURSDAY, JULY 25, 1981.

THERSDAY, JULY 23, 1961.

No. 1. FOR PURNISHING THE DIPPARTMENT AND PURLE. BUILDINGS, LIGHTING AND EUPELIES. BOR JULY 24, 1961.

No. 2. FOR PURNISHING THE DIPPARTMENT AND PURLE. BUILDINGS, LIGHTING AND EUPELIES. BOR JULY AND EVELY JULY BOLDS. TO A TON, OF HEST WHITE ASH COM.

NO. 9. FOR PURNISHING PHR DEPARTMENT OF FURLE BUILDINGS, LIGHTING AND SUPPLIES. BOROUGH OF QUILTNS, WITH SILVEN HUNDRED (20) GROSS TONS, 2,20 POUNDS TO A TON, OF THE BEST GRADES OF WHITE ASH COM.

The amount of security required for Contract No. 1 will be Six Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be One Thousand Dollars (SE,001) for Contract No. 2 it will be one to remove and the data of Freedom on the Edit of Freedom on the Law and boundaries with the bold effect, on or before the date and boundaries of with the data (India the data) of Freedom of Self Personal Contract made according to law as seen thereafter as practicable.

The Commissioner reserves the right to reject all birds it be down it for the interests of the Util year of the Edit of the Contract made according to law as seen thereafter as practicable.

The Commissioner reserves the right to reject all birds it be down it for the interests of the Util year of the Act of the Contract made according to law as seen thereafter as practicable.

The Commissioner reserves the right to reject all finds the province of self-data due to the province of the form of the Manual of the Persona

York Charter.

For particulars as to the quantity and quality of the supplies or the nature and extent of the work required or of the materials to be farnished, hiddens are reterred to the printed specifications.

Edders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, a

copy of which, with the proper cuvelope in which to include the field, burdler with a copy of the contract, including the sperifications, in the form approved by the Copporation Counsel can be obtained upon applied from floateter in them. No. 1703, No. 21 Park Row, thorough Manherty thorough of Manharitan Borough of Manharitan HENRY 5. REARNY Communiqueer of Public Buildings, Lighting and Supplies.

#### FIRE DEPARTMENT.

Higher Arrent, Vine Dioterment, Non-ety and east Surveyant arred Steller, University Mannertal, University Visa, July 10, 1981

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES WILL BE RE-called by the Fire Commissioner, at the above ourse of the Fire Department, until to ye o'clock a. M. of

# WEDNESDAY, JULY 24, 1901, for furnishing and delivering the following work; Horough of Manhattan.

FOR THE ALTERATION AND REPAIR OF BUILDING LUCATED AT NO. 422 WEST THIRTY-SINTH STREET, BOR. OUGH OF MANHATTAN, CITY OF NEWYORK.

The plane may be seen at the office of the Buildings Superintendem on the filtration of these Headquariers. The one for the full performance and completion of the contract is thirty (a) days. The security required will be One Thousand Dollars

The security required will be One Thousand Dollars (1976).

The security required will be One Thousand Dollars (1976).

The person on persons maleine an assignate shall burded the same in a scaled envelope, inchessed with the estimate is onder, with the in the person of the rate of the water and the date of security area along a fire made of an in Department, at the sould office, on a let made of an in Department, at the sould office, on a let made the shift mode hear above named, as which time as I place the satisfacts received will be published usual by the heart of sain Department and rate, and the award of the contract mode accounts to large a section of the sain of the sain because of the sain is a set that of a proof moling the saine, the name of all persons independently shift of the person decreased with him there in only of or other person he so interested it shall destinally shift that same purpose, and is it all respect her and without of the same purpose, and is it all respect her and without off Associally, found of a department, chief of a harden department of the Maniety Associally, found of a department, chief of a harden and without off Associally, found of a department, chief of a harden, at some purpose, and is it all respect here and without off Associally, found of a department, chief of a harden, or in the capation in the person when the companion is all the person of the which it relates the respect to the found of the person of the Companion is all the person of the saintiff of the person of the control of the person of

all holds if he double deere is for the interest of the Cary to 10 do.

For particulars as to the country and quality of the amplies of the neutre and extent of the work required or of the interior and extent of the work required to the print I appear incidence.

Hadders are requested, to making their hids or extracted, to use the bland prepared for that purpose by the Commissioners, a cary of which, and also the purpose revisions in which at indicast the same, inception with the form of agreement, mediding agreements, in the form approved by the Corporation Convert, and showing the manner of payment for the work, can be obtained upon application therefor at the Headiquarters office of the For Department, in the Borough of Manhattan, New York City, where the phase, which are a just of the specifications, may be seen.

FORN J. SCANNELL,

## BOARD OF PUBLIC IMPROVE-MENTS.

MENTS.

Non-to-train Point Brown Browness of Manuscriptor I North In St. Heart Brown Browness of Manuscriptor I Board of Poblic Improvements at The City of New York, deeming it for the public interest so to deep the map or plan of The City of New York by laying out and changing the grades of East One Hundred and Eighty farst creek, from Andrews avenue to Angesder nearner, in the Borneyhof the Brone, City of New York, and that a moveting of the said Board will be held in the office of the said Board, at Now, against Bork tow, Borough of Manuscriptor of the said Board will be held in the office of the said Board, at Now, against Bork tow, Borough of Manuscriptor of the said Board at Now, against Bork tow, Borough of Manuscriptor, at the call days of the said Board of the said the formation of the said Board of Public Improvements of The City of New York, in pursuance of the provision of section and the chapter split Laws of 1899, decuming it for the public interest to to do proposes to alter the map or plan of The City of New York by laying out and changing the grades of Fast One Hundred and Eighty-first street to be laid our at a width of 60 feet from Andrews avenue to Apoduct assence to Andrews avenue to such a manusch that the more leaving time of the grounds of the New York University.

"H"—Livanes."

" H"-Grader

"R"—Levade.

1. The grade at the intersection of East One Handred and Eighty-first street and Andrews avenue to be 135 feet above high water datum

2. The grade of Andrews avenue at a point 450 feet nowbordy of the northests carb intersection to be 136 feet above high-water datum.

3. The grade at the intersection of Mast One Hundred and Eighty-first street and Wogand place to be 254 feet above high-water datum.

4. The grade at the angle point in Wiegand place, south of Last One Hundred and Eighty-first street, the let 137 feet above high-water datum.

Resolved, That this Board consider the proposed laying not and change of grades of the above another street at a meeting of this Board to be held in the office of this Board on the 440 day of July, 1904, at 2 grades.

Resolved, Thus the Secretary of this Board cause.

office of this board on the same may be just on the clock of M.

Resolved, That the Secretary of this Board cause there resolutions, and a notice to all persons affected thereby, that the proposed laying our and change of grades of the above-named street will be considered at a meeting of that Board to be field at the doresaid time and place, to be published in the Crix Racuan for ten days continuously, Sandays and best holidays, excepted, prior is the sath day of July, 1901.

Dated New York, July 9, 1902.

JOHN H. MOONEY.

Secretary.

BOARD OF PUBLIC LEGEOVERICHTS, NOV. 19 NO ST PARK HOW, BECOMES OF MANUATTAN,

Branch of Public Indicators of Manhattan, I Nos. 19 To H. Branch of Public Indicators of Manhattan, I Nos. 19 To the Park Row, Biogeometro of Manhattan, I Nos. 19 To the Park Row, Biogeometro of The City of New York, downing it for the public internst so to do, proposes to alter the map or plane of The City of New York by the beating and laying not Pellington place, from Bashwick average to Highland Roadsward and the exaction of Pellington place, and showing the change of grades in the territory bounded by Highland Boulevard, New Jersey owning, Janualiza average and Pellington place, and the Twenty-skith Work, Borough of Emeklyn, City of New York, and that a meeting of the and disard will be held in the office of the said Board, at Nos. 19 as 1 Park row, Borough of Manhattan, on the action of July, 1907, at a victor of such and board by said Board, all the tollowing resolutions, adapted by said Board, all of which is more porticolarly set forth and described in the following resolutions, adapted by said Board on the pd thay of July, 1927, morits of the adapted of Palatic Improvements of The City of New York, in pursuance of the adapted by said Board on the pd thay of July, 1927, morits of the adapted of the public interest set as to do, proposes to alter the map or plan of The City of New York, in pursuance of the public interest set, do, proposes to alter the map or plan of The City of New York, in pursuance of the public interest set, do, proposes to alter the map or plan of The City of New York, in pursuance of the public interest set, do, proposes to alter the map or plan of The City of New York, in the Board of Pellington place, in the Leventy Island Board and find the extension of Evergreen place, from the proposed for the city of New York, more quartendarily described as follows:

'A "=10 relation to beying out Pellington place, in the Leventy stath Ward Borough of Roodlyn, City of New York, more quartendarily described as follows:

A "-In relation to laying out Pellington place, Pellington place to be land out and extension between Ruchwick ayonus and Highland Bordayard

B'—In relation to laying our Evergoon place.

Evergor 0 page to be laid out and extended between New Jersey system and Principles. Gradus In to at hillow-

At the tation is than if the southern side fine of High-land Position of the southern side fine of High-land Position of the southern side fine of High-ard points on the southern the northwest are such conserved Businets as emerge of her.

At the interestion of ten aims of a the southern side-free of Highland Boulevard & John A. Artha morthon side line of Evergrent place of its

At the inverse tree of Evergreen place 3s, beet. At the intersection of Festiva a dynamic services,

At the intersection of New Irrest around the last a point 20 had wellerly from the well-rivernelling in New Irrest about the last and the last around the last and the last time when the mean high-water datum as attained as it the Department of Highways, Udraugh at Providing

annulation to the Department of Hi, hways, Borough of Branity).

Resulted, That this Board consider the proposed being out and change of oracles of the absoronamed synthesis at a meeting of this Board volte ladd on the fifth of this Board on the spit day of pily, que, at which that.

Results of that the Secretary of this Board mass three x solutions, and x metric to all persons allowed thereby, that the proposed haying out and change of grades of the above outside territory will be considered to a consider of the board to be ladd at the above said time and place, to be published in the Circ Bresons and compensation newspapers for an thay a stimumally. Sendley said leaf unitary except degree to the 4th day of priye page.

day of July 1984 Sans July 9, 1987 II. MOONEY, JOHN II. MOONEY, Sourcery,

# BOARD OF ELECTIONS.

Branton Lincolnes of the Circum New York, (

TO STATIONERS, PRINTERS AND CVIN-THACTORS.

PROPOSALS FOR BIDS OR ESPIMAPES.

SEALCH BIDS OR ESTIMATES WILL BE RE-careed by the above named floud of Elections of The city on New York at the General Office of the found of Plexicons, No. 22 Mars arroor, in The City of New York, until 20/clock v. st.,

WEDNESDAY, JULY 31, 1991.

FOR FURNISHING STATIONERY PRINTING AND SUPPLIES FOR ELECTION PUR POSES.

The amount of security required is Twenty Thousand

The amount of sectivity required is Twenty Thousand Dollars.

The contract most be completed and the work and maintails for the Primary Election must be delivered on or before Anguer 11, 10 at 5 for the General Hestion on or helions October 1, 1950.

The right is reserved by the Board to rejour any or all hids if they shall deem it for the interest of the Corporation so to do.

The damages to be paid by the contractor for each day that the contract may be conditived after the time specified for the contract may be conditived after the time specified for the contract may be conditived and injudented at ONE HUNDRED POLLARS FER DAY.

Bidders must state in writing, and also in figures, a price for the whole work complete, which price is to cover the firmishing riall accessary materials and labor and the performance of all the work set forth in the specifications and form of agreement.

The person or persons making an estimate shall formish the same in a scaled envelope, indersed with the little given show, of the work for which the estimate is made, with his criticin mans or name, and the said office on or before the date and loan above maned, and which vione and plane the visitions, at the said office on or before the date and loan above maned, and which vione and plane the visitiones, at the said office on or before the date and loan above maned, and which vione and plane the visitiones, at the make, with the critical portions, in the said floard, and in its presence, and read, and the award of the contract made according to law.

Fach estimate shall contain the name and plane of residence of the person making the said, the names of all porons interested therein, as provided in sections 146 to 132 of the Revised Drillanaeces, 1807, and in the blank form of bid mentioned below and furnished by the Department.

rys of the Revised Diabances, and farmished by the Department.

The bid or extimate must be verified.

Each bid or extimate shall be accompanied by the consent, in writing, of two householders or bresholders in The City of New York, or of a gameanty or sacrety company duly authorized by law to act as a surety, and shall contain the matters set forth in the blank form of his mentioned below.

No estimate will be revelved or considered unless accompanied by a certified check or money to the amount of five for centum of the amount of the blank required, as provided in section 420 of the Grenter New York Chartet.

For particulars as to the quantity and quality of the supplies, or the mature and extent of the work required, or of the onversals to be bruished, hidders are referred to the printed specifications and to the samples exhibited.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Board of Elections, a copy of which, and also the proper anvelope in which to inclose the same, together with the form of agreement, including specifications,

in the form approved by the Corporation Counsel, and showing the monner of payment for the work, can be slit-fixed upon application therefor at the office of the Board, gives above.

The person or persons to whom the contract may be

Board, given above.

The person or persons is whom the contract may be awarded will be required to altered at the said office of the Board of Elections, with the saxeties offered by hom or them, and execute the contract within five (z) days from the state of the service of a native to that effect,

By order of the Board.

A. C. ALLEN, Chief Clerk.

NEW YORK, July 10, 1902,

#### DEPARTMENT OF SEWERS.

Decomposity of Sawes -Countries of Orence, Nov. 1: 20 so Place Row. New York, July 12, 1901.

#### TO CONTRACTORS.

SEALED BIDS OR ESTIMATES WILL BE RE-of New York at a since, Nos. 2: to 2: Park 1989, Bornagh of Mandatton, notif 1: o'clock et.,

#### WEDNESDAY, JULY 21, 1901,

for furnishing materials and all the labor required and necessary to build and complete the following works:

Borough of Brooklyn.

No. 1. SEWER IN BUTHTHETH STREET, between Second agence and Third agence.

The Engineer's estimate of the quantity and quality of majorials and the nature and extent, as cear as possible, of the work required, as as follows:

[5] linear feet of 18-inch withful stoneware pipe season.

[5] document of 19-inch stanfold stoneware pipe second.

S manhales,

200 feet, B. M., foundation planking.
The amount of the security required as Seven Hundred and Party Bullates (1).

The time allowed to complete the whole work as thirty (20) surface they are allowed to complete the whole work as thirty (20) surface they are all fine times for one is in the Bornagh of Browleyn may be now at the office of the Departy Competitioner of Secures, Mantalpal Building, Bureagh of Browleyn.

# Borough of The Broux

Borongh of The Bronx

No. 9. SEWER AND APPURTUNANTES IN EAST ONE, HUNDRED AND PUTTY
SIXTH STRIKEL, from Wordnesser over no to Forest neuron.

The Engineer's estimate of the quantity and quality of materials and the nature and estant, as near as possible, of the work required, is to follow:

"He Engineer's estimate of the quantity and quality of materials and the nature and estant, as near as possible, as the soft to work required, is to follow:

"He Engineer's estimated by the property of the soft of the state of the soft as new as not a place of the soft of the varieties of place.

"In the product of the transfer of the soft of the s

there were alone to the second of the second

the cubic yards of moreover in place.

The cubic yards of probled moreovery in moreover, as relies yards of reaken some for poundations in place.

The cost if, M., of timber furnished and laid.

The shower fact in piles, before cape, then shad, always and of and should what required is linear test at a fact to its inch virtual dirative pige narroshed and laid.

The amount of the security required in Two Thomson and Dallars (see, 20).

The times allowed to complete the whole work is secontry-five (red working days.

No. 4. RECHIVING-RASINS IN EAST ONE HUNBERD AND SEVENTY-SIXTH STREET, at the southeast and outlierest corners of Townsond avenue, northerest and southeast corners of Moreis account and anotherest corners of Townsond avenue, northerest and southeast corners of Moreis account and the southeast corners of Moreis account.

The Engineer's excinate of the quaestry and quality of materials and the nature and extent, as near as possible, of the work required, is as follows:

The Engineer's excinate of the quaestry and quality of materials and the nature and extent, as near as possible, of the work required, is as follows:

The Engineer's excinate the frequency of the removed.

Subject yards of concrete in place.

The time allowed to complete the whole work is twenty that (a) work and appellications for work in the Borney's of The Breast may be seen at the office of the Deputy Commissioner of Sources, Their account with the title given above of the work or which the estimate in the same in a scaled envelope, inforced with the affect, also as a second and persons in the same in a scaled envelope, inforced with the and office, on or before the date and bour above autured, at which time and place the estimates reasived will be publicly opened by the head of said Department, at the said read and the award of the contract made according to law as soon thereafter as practicable.

Each estimate shall contain the name and place of residence of the person making the same, the nother person be so interested it shall di

Each estimate shall contain the name and place of residence of the person making the same, the manes of all persons interested with him therela; if no other person be so interested it shall distinctly state that fact; also, that it is made without any connection with any other person making in estimate for the same purpose and is in all respects fair and without collusion or fraud; and that no manuter of the Minicipal Assembly, head of a department, chief of a bureau, deputy thereof or elect therein, or after officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several onters stated therein are in all respects true.

Each had or estimate shall be accompanied by the consent, in writing, of two househelders or freecholders in The City of New York, or of a guaranty or surrety company duly authorized by law to me as a surrety, and shall contain the matters set forth in the blank form of hid manifoned below.

No estimate will be received or consented intess accompanied by a certified check or money to the amount of the per cent. of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work required or the naturals to be furnished, builders are referred to the principal specifications and plans. Builders will write out the amount of their estimates in addition to hearting the same in figures.

The Commissioner reserves the right in reject off hals or estimates if he down it for the interests of the Lity so to do.

Date of extraction (the description of the interests of the Lity so to do.

It does are requested consider their bols or estimates appear the blank torm potentially do the Commissioner, a copy of which, with the jumper stretupe in which tractices the bid, regether with a copy of the contract, including the specifications in the form approval by the Corporation Comment, as to be obtained upon application therefor.

LAS EAVE

JAS. RANE, Commissioner of Seway

# SUPREME COURT.

#### SECOND DEPARTMENT

In the nature of the application of The City of New York, relative to acquiring title to NINIH AVII-NUM from Thirty seventi street to flay Ridge around to the Keath and Theritish Wards, in the Burnagh or Brooklyn, The City of New York.

PURSUANT TO THE STATUTES IN SUCH case made and provided, notice is locally given that an application with a mode to the Supreme Court of the Survey of New York, Second Department, at a special Ferm of and Court for the learning of motions, to be field at the Courty Court house, in the Boroneli of Eu-Tyu, The City of New York, on the vest day, or 1 at the opening of the Court of the that of the Lay of 1 at the opening of the Court of the that of the Applications of Edmand and Assessment in the above artical matter, The output and action of the improvement horsely included in the acquisition of this by The City at New York, for the acquisition of this province that the building there is a first proportional see, with the building there is a first proportional thresholding the state of the proportional twentoe belonging, required it is approach to the Court of the Index and Proportional Court of the Index and Indiana and Proportional Court of the Court of the Index and Indiana and Indiana Court of the Index and Indiana Court of the Indiana Court of th

FARCUL "A."

Regioning at a point formed by the intit of the at the northerly line of Forey-first street with the context line of Ninth avenua, we said arrest and avenue as had drawn on the map of the from Survey Commission and Bod in the effice of the Register of the Commission and Bod in the effice of the Register of the Commission Kitors in June, 1974, mining them, resisting the said mortherly line of Ninth avenue a residually theoret mortherly line of Ninth avenue a result; there is the register of the register of the register of the northerly line of Tarry-seventh street, as said after it has down as the right possess for the right possess for the right possess of the right of the line to the northerly line of Tarry-seventh street, as said the line to the northerly line of the line to the context of the right with all northerly line of Knitty-seventh street already of the calculation of the line of th

Toginging at a point togeth by the intersection of the mericary back at the section of the se

thanks woutherly above and lost monitories are placed to the position place of breakinging.

CARORA, "6."

Reviauling at a point common by the emergentism of the contractly line of wistly amond attent with the entering in a firstly amond attent with the entering in a firstly amond attent with the entering of Sorty-second street I feat in the westerly line of Ninth account attackaid; thence sure locity and deflecting a dispress to the left 1, of use in the neartherly fine of Ninth account attackaid; thence sure locity and deflecting a dispress to the left 1, of use in the neartherly fine of Ninth account, then a successful the merchanty fine of Ninth avenue, there are no beginn about a venue, the sure of the cartery line of Ninth avenue and means of the first or the point or place of beginning.

Dated fine of the enterior of the surely [19] to the term of the contract of the surely of the surely Hill.

Burshigh if brooklyn,

Ni w York City.

# SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative is an investigation to the lends, nan-ments and investigations amount of the perpose of opening SEVENTY-THIRD STREAST, from Sixth are any to Seventh avenue, on the Thirdian Wird, in the borough of Brooklyn, in The City of New York, as the same loss been beretofere hild-out.

NOTICE IS HEREBY GIVEN THAT THE BILL of costs, charges and expenses incurred by reason of the precedings in the above-mistired matter will be presented by trasmin to one of the Institutes of the Supreme Control the state of New York, Second Department, at a Special Teom thereof to be hold for the hearing of motions, at the County Court-house, in the Korough at Brooklyn, in The City of New York, on the jist day of July, 1701, at 112, 20 of check in the foremost of that day, or as soon therefore a counsel yan be found thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the Chunty of Kings, there to coming for and during the space of ten days, as required by the provisions of section 91 of title 40 chapter 1701 chapter 1701 chapter 278 of the Laws of 1892.

Dated Boronom or Bonoicians, New Yorks, July 10, 1901.

JOSE E. PIDGEON MATHEW J. MURPHY, JAMES F. MULCAHY.

M. E. FRENIGAN, Clork.

# SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tem-ments and hereditaments required for the purpose of opening SEVENTY-THIRD STREET, from Thirteenth avenue to Eighteenth avenue, in the Thortisth Ward, in the Barough of Brooklyn, in The City of New York, as the same has been heretofore half our.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, clorings and expenses incurred by reason of the proceedings in the above-entitled matter will us presented for instalion to one of the Justices of the Supreme Court of the Sinte of New York, Second Department, at a Special Furn thereof to be held to the hearing of notions, at the County Courtchows, in the Borough of Brooklyn, in The City of New York, on the test day of July, 1901, 31 to 30 o'clock in the force-

noon at that Jay, or as soon thereafter as counsel can be branch thereon, and that the solid bill of mosts, clearges and as peace has been deposited in the office of the Useria of the County of Sancy, there is remain for and during the space of ten days, as required by the provisions of section gap of right 4 of chapter to all chapter 25 of the Laws of 157.

Duest Borovan or Franciers, New York, July 15 to 15.

IAMES E. DAVIS, THOS, SUTPHEN, CHAS. H. WINSLOW, Campussioners.

M. E. Phangalo, Clerk,

#### SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to applying title to the bands, consequence in Handlemanns remined by the purpose of opening BENSON AVENUE, more from resolution to Friends average, in the Thirtieth Ward, in the International of Brucklyn in The Lity of New York, as the more has been broaded as fall out.

NOTICE IS HEREST GIVEN THAT THE MOTIUE IS HERESY GIVEN THAT THE bill of costs, charges and expenses incurred by reasons of the pure setting in the also se-mitted matter will be passed to the present of the superior of the Superior Costs of the Superior Office of the Superior Costs of the Superior Office of the Superior Costs of the Superior Office of the Superior Costs of the Superior Costs of the Superior Costs of the Superior Office of the Superior Costs of the Superior Costs of the Superior Office of the Superior Office of an Superior Office of the Superior Office of the Costs of the Superior Office of the Superior Office of the Superior Office of the Costs of the Superior Office of the Costs of the Superior Office of Costs of Costs of the Superior Office of Costs of Costs of Costs of the Superior Office of Costs of Costs of Costs of the Superior Office of Costs of Cos

WILLIAM A. MATIIIS, JOHN A. QUINTARD, WILLIAM J. GRIFFIN, Commissioners.

M. L. Pistanaé, Libert.

#### FIRST DEPARTMENT.

In the matter of the application of The Mayor Adder-men and Communalty of the Lity of New York, rela-tive to ampairing title, wherever the same his not bean heartener sequence, to the lands, necessaries and legislitanesies proposed for the purpose of applica-KAST JONE HUMBIETH AND KIGHTHITTH STREET (Seame) streets (althrough our yet manual by purpose quitarity), from Third avenue to the Brook river, by the same has been herecome laid cur-ant designment as a first-class street or road, to the Twenty-hunth Ward of The City of New York.

N (\*11.5) IS HERGHY (S)VEN THAT THE Bill at costs, charge, and especies membed by research in the proceeding in the above entitled matter up to and including the path day of Tour, your will be presented for taxino to one of the Tourism (in Enterior Deart of the Son of N = Vol. 1975). The Department of the Son of N = Vol. 1975 Department of the Son of N = Vol. 1975 Department of the Son of N = Vol. 1975 Department of the Son of N = Vol. 1975 Department of the Son of N = Vol. 1975 Department of the Down tour boson, in the Down to of the son of the Son of N = Vol. 1975 Department of the Son of N = Vol. 1975 Department of the Son of t

LIMABITE WHITEP, DITATOL BUMENSTIPL, WILL HULL, Commissioners

Jones F. Busing

In the matter of the application of the Board of I du-cation, by the Crompel is the Corporation of The University of New York, relative to acquiring title by 195 Mayor, Alderson and Commonly of the 197 of New York to cortain lands on POMINICK, TTARE AND IRROTMENTARIES, in the Cophil, Wordson and to provide by said Board as a safe for allocal purposes under and in pressure of the presisions of about 197 of the Laws of 198 and the verious satisfies a more alarged the resisions of about the order of the presisions of about 197 of the Laws of 198 and the verious satisfies amonalatory thereof.

E. THE UNDERSHORE COMMISSION or for farmate in the show-entitled major, hereby give notice to the owner or powers, ferency place notice to the owner or powers, ference of broads, particle to or interested in the limits, renoments, beredict, outside and powerses, title to which is sought to be required in this presenting, and to all other whom it may concern, is wit:

of may concern, in with:

First.—Flat we have completed our estimate of the
loss and frames to the respective owners, leaves, partiles and persons respectively untiled to an interested
in the hands or previous adented by this proceeding
or having any interest therein, and have fided a true
report or transcript of such estimate in the Board of
Education for the inspection of whomsoever it may
concern.

report of transcript.

Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be allocted by the said estimate, and who may object in the same, or any part thereof, may, within ten days after the first publication of this revice, July 12, 150, tile their objections or such estimate, in writing, with us ar one office, Room No. 2, on the boards floor of the Stants Zeitung Building, Nis, 2 Tryon row, in said city, as provided by section 4 of chapter (at all the Laws or 1888 and the various statutes amendatory thereof, and that we, the said Commissioners, will hear parties as objecting at our city-site can be day of July, 1901, at 2 d'alock in the ulternoon, and upon such subsequent days as may be foliand necessary.

Third—Hunt suc report beream will be presented to the Septeme Court of the Sune of New York, it a Special Term thereof, to be held in Part I., on the County Court-bonce, in The City of New York, Ilanough of Mandattin, on the soft day of July, 1911, at the upcome of the Court on that day, and that then and there, or as won discrete as connection be heard and there, or as won discrete as council can be heard and there, or as won discrete as connection be heard.

and there, or as soon thereafter a counsel can be heard thereon, a motion will be made that said report be sunfirmed.

narcon, a motion.

Only on the control of the contr

JOSEPH M. SCHERCE, Clerk.

# NEW YORK SUPREME COURT.

In the matter of the application of the Board of Education, by the Corporation Coursel of The City of New York, relative to acquiring title by The City of New York, relative to acquiring title by The City of New York, relative to extain bands on the northerly side of FIGHTY-SECOND STREET, between First and Second avanues, to the Nicotech Ward of said city, Bayangh of Manhatan, buly selected and approved by the Board of Education as a site for shool purposes, in putsuance of the pravisions of abapter 2g1 of the Laws of 1886 and the various statutes amendatory thereof.

WE, THE UNDERSIGNED, COMMISSION We, THE CAMESTANES, Contained matter, hereby give perfect to the owner of awners, lesses or lessess, parties and persons respectively entitled no actions ted to the back, receiving to be required to the proceeding, and te all others whom it may concern,

to wit:

First—That we have completed nonestronate of the lines and damage to the respective swaper. In one, parties and persons respectively sufficient to at later exted in the lands or premises altered by this proceeding, or heavy any interest therein, and have field a run report or transcript of such externs in the Board of Mountain for the inspection of a homeover it may consern.

Seconds—I harall portion or persons whose rights may be aftered by the study estimate, and use may be it in the area with part thereof may, within ten day and the first publication of this water July versus file their objection to such estimate to writing, with a stream Brillians, Nov. 2. Tryen row, or and try, as presented by section 4 of shaples versus that the section 4 of shaples versus the such that we the said Commissioners, will have printed as of sheeting or one said office and the spit of the treatment, and upon such absorption day as such wheeting the section.

Third—Then cur report hereas will be presented.

then Third Then cut report herein will be presented to the Supreme Chart of the Sunt of New Link, it is Special Term there of the Butto of New Link, it is Special Term there of the bold in that is in the Learnity Court-form, in The City of New York Involute of Mandattan, in the soft day of July, and at the court of the Cart of the day of the Cart of the Cart of the day of the Cart of the Cart of the day of the Cart of Fond New York, July 10, 1901

I and New York, July 10, 1901

JAMES A. HUNN,
JOHN F. WALSH,
JAMES H. HRHIGS.

Joseph M. Schere.

#### PIRST DEPARTMENT.

In the matter of the application of The 1 ity of New Vort, relative to adjusting title, wherever the same has not been herrinder acquired, to 1 WO PI W.P. PLACES (although not yet named by proper authority), fring continsity and methody of Last the Hundred and Secontiarb street and bounded by Macond's medical bounded by Macond's medical bounded by their and Twenty there are 1 Twenty there are 1 Twenty the bounder of the 1 type of New York,

E. THE UNDER-HANED COMMITTEE AND SERVICES EXECUTIVE AND ASSOCIATION OF A SERVICES AND ASSOCIATION OF A SERVICE AND

have beganized on the through at Mandoung, at any and a West Breathers, in the through at Mandoung, at any any and any, there is some only the 3th July of Atania, that the beganized of the State Breathers and the selection of the Breathers and premions and premions into the district of the Breathers and premions and premions a trop from the City of New Years, which taken therefore are boulded and door find as believes yet. Becames at a part of most of the City of New Years, which taken therefore are boulded and door find as believes yet. Becames at a part of the City of the Hardwal and Sixty-night after the him draw partials in the particular to the the find the second of the theorem and the northwesterly often from the more promote northwesterly and of the find the second of the second distant to be second of the se

the point or place of beginning, as such streets are somen upon the final maps and profiles of the Ewenty-third and Twenty-tourch Wards of The City of New York, excepting from said area all streets, executes and condeny portions thereof berefolers legally quinel, in such areas is shown upon our benefit maps deposited. and realised as such area as attrevald.

is attrovald.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, First Department at a Special term thereof. Pair I, to be noted in the Court bound, in the Horsugh of Machatian in the latty of New York, on the 17th thay of Suprember 1 of at the opening of the Court on that the suprember of a non-threaditer of the Court of the Court on the court of the Court on the court of the Court of

WM. C. COZIER, Chairman, PATED K. MAPKEY, Commissioners.

June D Troop, Chele

#### PIRST DEPARTMENT.

to the matter of the application of The City of New York, relative is acquired; title, wherever the some test and test and test detection of the contenting acquired, in SEDEWICE, AVENUE, buttered by proper entherity, it can become avenue to the northern land of the public park bad out under chapter you of the type of the Twone that Ward of the City of New York, in the Borough of the Brune, as the content has been beginned as the arms of the property of the first and the type of the property of the Borough of the Brune, as the content has been beginned by long and designated in a branching street or your.

W. F., THE UNDERSIGNED, COMMISSION or of it tumes and Assembly to the aboveantidat matter, hereby give matter to all presentinterested in the presentings and to the owner of 
resource or upon to excluent of all houses and lots 
and to all others who it may enough to wife thembry, 
and to all others who is may enough to wife.

It is that we have completed our estimate and 
resource in may of the hidds, encroped and herebita 
resource in may of the hidds, encroped and herebita 
and in the all persons interested in this preresource in may of the hidds, encroped and herebita 
and in the all caled thereby, and having obterms and in the district their said objections in 
the control of the present their said objections in 
the control of the control of the control of 
the control of the control of 
the control of the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the control of 
the

is all violes, P.M.

This lie obstracted our said estimate and
most in ther with our denoisy and benefit
may be demand the obstracts, estimates, press and
other demands used by as in undergo our report, have
been deposited in the Bureau of Sirver Openings of the
lie the observation of The City of New York, Noz.
on W. Cheesberg, in the Borough of Manharton, in and say, there we remain until the cith day of
August, 1991.

less the primary of The Cuty of New York, North and Services and the West three-long, with the Borough of Manharton, in and say, there to remain until the cit day of Austral, 1978.

That I had the limits of our newscament for based in body all these limits, towards and herself immentation produces stock being and being in the Borough of The Meson in The City of New York, which produce towards, are associated in the Service as sufformed towards, and the surface of the contribution of the black method before the sufformed towards as pointed formed by the network which the middle limit of the black method before any the surface time of the black method by and it became a suffernity and the familiar distance of the familiar distance which willings from all the northest who is a fine black, between Sengingham of the black method will be produced our method will be northestly solved by the object of the black between the suffernity and the surface of the familiar reservant of the black of the black of the surface of

ALUIS A. BERMAN, Chairman, PHIL. HARNISCHFEGER, FRANCIS L. VOGELSBERGER, Cummissioner

Jons P. Done, Clerk.

# CIRST DEPARTMENT.

to the matter of the application of the Mayor, Alder-men and Commonalty of the (3) of New York, rela-tive to acquiring title, wherever the same has not been bereation aspaired, to the lands, tenements and heredicaments required for the purpose of open-ing WATTS STREET (although nor yet rained by

proper authority), from Sullivan street in West literativaty, at five-one street, as the same has been heretofare land out and designated on a first-class street a road, in the Eighth Ward of The City of New York.

W E. T.HE. UNDERSIGNED, COMMISSION.

err of Estimate and Assessment in the abovesuittled matter, hereby give motion to all persons
interested in this proceeding, and to the owner or
owners, accommon or occupants, of all houses and list
and improved and unitureroved lands affected thereby
and to all others whom it may consern, to wit:

swittled matter, hereby give motion to all persons interested in this proceeding, and to the owner of owners, occupant of weatpants, of all houses and late and improved and miniproved lands affected thereby and to all others when it may consum, to wit:

First—That we have completed our estimate and assument, and thur all persons interested in this proceeding, or in any of the lands, recommended hydrodisments and preferences affected thereby and having objections in farviro, do present their and having objections in farviro, do present their and chronitation, in The City of New York, to us at our office, Now, yo and yo West Brondows, to the baseling of Maillattan, in The City of New York, on a feet aportion will be a parties so objecting, and for that purjoose will be in attendance at our and office on the 10th day of fully, 1902, and that we have some interesting and the answer of the City of New York, at the clock at Second—that the abstract of our and samules and basesment, regether with our standard assument, regether with our standard money and of the dominents used by us in making our report, have been deposited in the Burero al Street Openings of the Law Department of the City of New York, No. 30 and 30 West Frondways, in the Burerou for the Hardway and the standard premises situate, lying and being in the Porospik of Manilattran, in The City of New York, which, talent negotion, are bounded and asserticed as follows, vis. Beginning at a point ormed by the intervention with the Waster States piethend-diller and being in the Porospik of Manilattran, in The City of New York, which, talent negotion, are bounded and discreticed as follows, vis. Beginning at a point ormed by the intervention with the wasterly prolongation of the middle line of the black haven and premises distant with prolongation of the middle line of the black haven and propriet and middle line of the black haven and processing and middle line of the black haven and prolongation of the middle line of the middle line of the middle line of the

PRECIDENCE F. SMITH, Chairman, CHAS. PUTZEL PRANCIS V. S. OLIVER, Commissioners.

June P. Down. Clark.

# FIRST DEPARTMENT.

In the matter of the application of The Mayor, Abler-men and transmoutly of the Eity of New York, relative to acquiring title wherever the same has not here berectofore against, to the hands, tenements and hereditaments remained for the purpose of opening ANNA PLACE (although not yet manel by proper authority), from Brook avenue to Websier avenue, as the same has been hereinforce laid out and desig-nated as a first-dissistance for read, in the Twenty-third Ward of The Lity of New York.

NOTICE IS HEREBY GIVEN THAT THE RILL NOTICE IS HEREBY GIVEN THAT THE BILL of costs, charges and expenses incurred by reason of the proceedings in the above-entirled matter, up to and including the prix day of May, 1900, will be presented for taxation to one of the lustices of the Supreme Court of the State of New York, Priss Department, and Special Leint thereof, Part L, to be held at the County Court iscore, in the Burough of Madhattan, in The Cay of New York, on the Latth day of July, 1901, at 102 at New York, in the Burough of Madhattan, in The Cay of New York, the the Latth day of July, 1901, at 102 at New York, the thereof the State of the County of New York, there is no the heart thereof, and that the soil bill of costs, charges and expresses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 1909 of title 2 of chapter 17 of chapter 378 of the Laws of 1897. Dated Bordough of Manhattan, New York, July 11, 1902.

EDW. BROWNE, CARL MAYHOFF, Commission

John P. Donn, Clerk,

# SECOND JUDICIAL DISTRICT.

In the matter of the application of the Board of Public Improvements of The City of New York, by the Corporation Counsel, relative to acquiring true by The City of New York, for the use of the public, to certain bands on VERNON AVENUE and KINGERS AVENUE and the East river, in the Borough of Queens, in The Lity of New York, duly selected according to new with other hands as a site for the construction and permanent headion of a suspension brulge over the East river, between the boroughs of Manhattan and Queens, in The City of New York, known as Bridge No. 4.

PURSUANT TO THE STATUTES IN SUCH case made and provided, notice is bereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term thereof for the hearing of motions, to be held in and for the County of Kings, at the County Court-house, in the

Barough of Brooklyn, in The City of New York, on the with day of July, now, at the opening of the Court on that day, or as soon thereafter as coursel can be beard thereon, for the oppositutent of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby incombal is the acquisition by The City of New York, for the navel die public, of title in fee to certain landstituated in the borough of Queens, in The City of New York, for the purpose of the construction, maintance and operation of a bridge over the least river, from the Borough of Alunharan to the herough of Queens, and the approaches therein, inly selected meaning in law for said purpose, known as lindge Mon.

No. 3.

The property taken in this proceeding is for the amount per and anchor span of the bridge in the Eurough of Quarts, and the lands required therefor are described by mores and lounds as follows, namely:

PARCEL NO. I.

Beginning at a point on the easterly side of Vernou average disease one hundred and eventy-free (vs.) had from the intersection formed by the southerly side of the restream with the easterly side of Vernous avenue, running the our southerly side of the restriction of easterly side of vernous event a right angles to Vernous are not account two hundred (vs.) feet a theory ensistly and a right angles to Vernou avenue are hundred (vs.) feet; thence northerly and parallel with Vernous avenue two hundred (east) feet; thence westerly and at vight angles to Vernou avenue one hundred (rea) feet to the point of beginning. The same before lots known as 25, 26, 27, 28, 29, 200 at 1, 100 cm.), and the assessment may of the First Word. Long based City, of the 1 brough of Queens.

TABLET OF SA

of the First Ward. Lang Taland City, of the borough of Queens.

PARTICIPES

Beginning at a point on the westerly side of Vernon avenue distant one domined and fifty and stay-eight bundrestlic 1-1-12 lives omined by and stay-eight bundrestlic 1-1-12 lives omined by and stay-eight bundrestlic 1-1-12 lives omined by the southerly side of Brown avenue with the westerly side of Vernon avenue with running therees with thirty-three digites fourteen monites and ten awonds as the 1-1-12 lives of the secret; ide of Vernon avenue one limited and sixty and there south thirty-three digites fourteen morth sixty degrees seventeen minutes and thirty accords and thirty accords and thirty accords west to the first three seath twenty-quot digites for the property have and may four hundrestly for the limited west as a with running and strip five hundrestly (sign) fact to be all majority had bright and may seem to the limit of any had bright and seventy-five hundrest and farty-sounds west (N. ) 1/4 w. W.) along the limit of appears the land the limit of the limit of appears the limit of appears the limit of any of the limit of appears to the limited and pict these and hirty-one and seventy-two hundrest to the balthiese and pict these and hirty-one and limit of the limit of limit of the limit of the limit of limit of limit of limit of limits of limits of limits of limits of limits of limits of l

# FIRST DEPARTMENT.

In the matter of the application of The Mayor, Alderness and Commonairy of the Cryel New York, relative to neuroritie title, wherever the same has not been hermines amongst, in the hards transments and hereditaments required for the purpose of speaming CROTONA AVENUE (although not yet manual by proper authority), from Boston road to the Southern Really and a six same has been bereafter bad out and designated as a first-clair virent word, in the Twomy third and Twenty-fourth Wards at The City at New York

NOTICE IS HEREBY GIVEN THAT THE NOTICE IS HEREBY LIVEN THAT THE MILL of the order of the proceedings in the above-centred matter up to and including the sort day of lane, 1922, will be presented for mannion to one of the lustroes of the supreme Court of the Sance of New York, Frest Input to a state of the Sance of New York, Frest Input to the County Court-hauser, in the Borondy of Mandottau, in The City of New York, on the 2nd day of July, 1921, at 1925, of shock in the formout of that day, or as seen thereafter its retined one be local thorson, and that the said till of cases, charges and supreme how been deposited in the office of the Clerk of the Country of New York, there to remain its and during the space of ten days, as required by the provisions of sentences of the days, as required by the provisions of sentences of 1867.

Dated Bouncies of Manuartan, New York, July 1, 1921.

EMANUEL BLUMENSTIEL, JAMES O. FARRELL, WILLIS FOWLER, Commissioners,

Jone P. Dune, Clerk,

# SECOND DEPARTMENT.

In matter of the application of The City of New York relative to acquiring little, wherever the same has not been heretofore acquired, to the lands, tensements and heretifaments required for the opening of A NEW STREET (although not yet named by proper authority), between Richmond turnpike and Ward assume, to the Second Wurd, Borough of Richmond, City of New York,

City of New York,

NOTICE IS HEREBY GIVEN THAT WE, THE undershiped, were appointed by an order of the Supreme Court bearing that the 20th day of May, rev., and thily entered in the office of the Clerk of the County of Richmond, at his office in the Borough of Richmond, in The City of Now York, on the 6th day of Inns, 1904, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and demage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessed, parties and persons respectively entitled unto or interested in the lands, tensements, herediaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The City of New York, and also in the notice of the application for the said order thereto attached, filed forein in the 6th day of June, 1904, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue, so the append or had out and formed to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective and persons respectively entitled to or interested in the said respective

required for the purpose of opening, baying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or pureds of load to be taken or to be assessed therefor, and of performing the trusts and adulies required of as by chapter 17, title 4 of the Greater New York Charter, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or overlaw, or afforted thereby, and having any claim or demand on account develop, and having any claim or demand on account develop, and buying any claim or demand on account develop, and the bailed street or overlaw, or afforted thereby, and having any claim or demand on account develop, and buying any claim or demand on account develop, and buying any claim, or to be taken for the proof as the said extent of the southern or other proofs as the said extent of this nation.

And was the said Communicaters, with he in attendance at our said offices on the 12th day of July, 1901, at 10 o'clock, in the barenon at that day, in hear the such time and place as we may appoint, we will hear such nine and place, and at such further or other time and place as we may appoint, we will hear such nowners to relation the said such content or claimants, or such additional proofs and allocations as one then be officed by such owners or me balled of The City of New York.

Dated Hamourn or Mannataes, New York, Parted Hamourn or Mannataes, P

GEO. M. PINNEY, JR., JAMES BURKE, JR., CHARLES S. DALEY, Commissione

Jour P. Bush.

#### TIRST DEPARTMENT.

In the maner of the application of The Mayor, Aldermen and Commonstry of the City of New York, relative to acquiring rith, wherever the same has not hear hereafter must be the first a remember and hear hereafter must be for the purpose of opening 10HNSON AVENUE militargh our yet armed by propor authority, from the Spayten Daywil parkway, near the Spayten Daywil station, to the spayten Daywil reach, as the came has been beterufore had not one designated as a first class street or road, in the Twenty limith Word at The City of New York.

NOTICE AS BERFEY GIVEN THAT THE bolt of course clearers and expenses (coursed by tenion) of the processings in the above-entitled uniter mate and for his bolt of the Lor day of May, eyes, will be presented for implicant to the day of May, eyes, will be recovered for the lines to the Arroll May, eyes, will be recovered for the lines of the Foreign of May, eyes, will be supported for the Foreign of New York, first Department, it is appeared From these of, Part I, no be held at the County Cours-house, in the Borough of Manhattan, in The City of New York, on the 4th day of July, eyes, at its we reflect in the Borough of that day, of a more observator as contain can be heard thereon, and the sout full of cours, charges and expenses has been departed in the office of the Clerk of the County of New York there to remain for and during the space of ten days, as required by the provisions of serious systematics of the Laws of they.

Detail Generation of May, as required by the provisions of serious of the Clerk of the Clerk of the Part of the Laws of the Clerk of the Part of the Arroll of the Clerk of the Part of the Part of the Laws of the Clerk of the Part of

EDW. BROWNE, PDWARD B. WHITNEY, JOHN MORPHY, Commissioners.

jone P. Pess, Clerk.

FIRST DEPARTMENT.

In the motion of the application of The Mayor, Abbriage and Unconcentry of the City of New York, relative to aquiring file, wherever the same has not been bereinbere acquired to the lands, renemiests and hereditaments required for the marginal of opening been herestudies auspired; to the tables, extended in hereditaments required for the purpose of opining MOUNT VERNON AVENUE (although not yet named by proper outhority, from Jerome avoing to the corribera haundary of The City at New York, as the same low been herestobure half sait and desig-nated as a fyst-close super or road, in the Twisty-murth Ward of The City of New York.

NOTICE IS HERFBY GIVEN THAT THE NIH of costs, charges and expense incorred by recean at the proceedings in the above until of malier up to and including the grat they of May, root, will be presonted for travarious to see at the location of the Supremo United the Singe of New York, I first Department, at a special Term thereof, Part I, in his held at the Contray Contributes, in the Borough of Manhattan, in The City of New York, on the spid they of buly, root, at to, so of lock in the remnost of that they or as soon thereafter as soonned can be heared threeon, and that the said bill of costs, charges and expenses has been deposited in the office of it the Circk of the County of New York, there to remain for and during the states of ton days, as required by the previsions of section was of rule 4 of chapter ry of chapter 12 of the Laws of 1897.

Dated Berningh of Magnattan, New York, Jane 44 (1901).

EDW. BROWNE, JOHN J. QUINLAN, JOHN DE WITT WARNER, Commissioners, JOHN P. Dusse, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York,
relative to acquiring title, wherever the same
has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of
opening WEST ONE MUNDRED AND
SEVENTY-FIRST STREET (although not yet
named by proper authority), between Kingsbridge
road and Haven evanue, as the same has been heredtore laid out and designated as a first-class street or
road, in the Twelfth Ward of The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter up to and including the 30th day of fune, 1905, will be presented for taxation to one of the functions of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part 1, to be held at the County Court-house, in the Borough of Manhattan, in The City of New York, on the 24th day of July, 1907, at 10,50 o'clock in the foremon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 900 of title 4 of chapter 17 of chapter 25 of the Laws of 1807.

Dated Honough of Manhattian, New York, July 11, 1901.

GEO, C. DE LACV. W. A. GRAMER, JAMES P. CONWAV. Commissioners.

JOHN P. DUNN, Clerk.