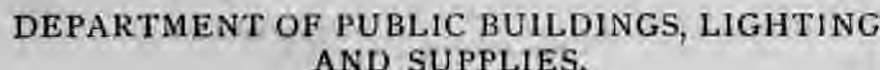


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Hon. ROBERT A. VAN WYCK, Mayor :

DEAR SIR—In accordance with the provisions of section 1544 of chapter 378, Laws of 1897, I have the honor to present the following report of the transactions of the Department of Public Buildings, Lighting and Supplies, for the quarter ending December 31, 1899, with a review of the transactions of the Department during the year :

STATEMENT OF REQUISITIONS DRAWN ON THE CONTROLLER DURING THE QUARTER.

Chargeable to Appropriations of 1898.

Boroughs of Manhattan and The Bronx—Supplies and Repairs.....	5357 00
Borough of Brooklyn—Supplies and Repairs.....	2,760 87
Borough of Queens—Lamps and Lighting.....	1,586 00
Borough of Richmond—Lamps and Lighting.....	2,471 52
Total	\$7,020 40

Charged to Appropriation of 1899.

General Administration—Salaries of Officers, etc.		\$6,119 32
Boroughs of Manhattan and The Bronx—		
Salaries of Deputies, Clerks and Employees	98,937 43	
Supplies and Repairs	69,021 46	
Lamps and Lighting	163,308 24	
Contingencies	632 10	
Borough of Brooklyn—		
Salaries of Deputy, Clerks and Employees	42,496 55	
Supplies and Repairs	31,558 47	
Lamps and Lighting	114,484 39	
Contingencies	246 90	
Borough of Queens—		
Salaries of Deputy and Employees	7,009 66	
Supplies and Repairs	5,752 80	
Lamps and Lighting	72,729 79	
Contingencies	213 66	
Borough of Richmond—		
Salaries of Deputy and Employees	3,476 51	
Supplies and Repairs	2,884 31	
Lamps and Lighting	74,521 67	
Contingencies	84 36	

Chargeable to Trust and Special Accounts.

Construction of Seventh District Police Court and Prisons, etc.....	8,366	00
Fund for Public Bath-house on Rivington Street.....	17,485	98
Fund for Construction of Hall of Records.....	39,512	95
Total.....	\$750,408	22

BOROUGH OF MANHATTAN AND THE BRONS.

Contracts Entered into during Quarter.

	Estimated Cost.
Eighteen contracts for lighting streets, public buildings, etc.....	\$918,000 00

Contracts Completed during Quarter

Eighteen contracts for lighting streets, public buildings, etc.....	\$710,417.43
---	--------------

Orders aggregating \$73,952.40 were issued for furnishing supplies and making repairs to the various public buildings, courts and offices, during the quarter, as follows:

For carpets, linoleum, rugs, etc., to County Court-house, City Hall, Criminal Court Building, Court of General Sessions, Supreme Court, Finance Department, etc.	\$505 35
For carpenter work, etc., in Finance Department, Department of Health, various markets, armories, courts, etc.	6,834 40
For electrical work, batteries, bells, etc., in Hall of Records, Department of Health, United States Steamship "New Hampshire," Eighth and Twelfth Regiments Armories, etc.	1,464 13
For furniture in Eighth Regiment Armory, Department of Water Supply, Municipal Civil Service Commission, Court of General Sessions, Corporation Counsel's Office, Department of Finance, etc.	2,542 57
For heating (steam) in City Hall, County Court-house, City Paymaster's Office and Public Comfort Station, City Hall Park.	2,809 08
For ironwork in armories, markets, Departments of Health and Water Supply, Brown Stone Building, Criminal Court Building, County Court-house, New York County Jail, Office of Receiver of Taxes (Brooklyn), Finance Department, etc.	7,655 80

For painting, etc., in Criminal Court Building, County Court-house, Departments of Health and Sewers, New York County Jail, various armories, etc.	\$4,288 00
For plumbing, steam and gas fitting, etc., in Departments of Health and Highways, also in markets, courts and public buildings.	7,817 00
For roofing in various public buildings (including armories), markets, court-houses, etc.	3,022 00
For sales, also moving and repairing same, in Finance Department, Department of Public Buildings, Lighting and Supplies (Electrical Bureau), Department of Health, Supreme Court, A. D., Department of Sewers (Brooklyn), etc.	885 60
For supplies to various public buildings (including armories), markets and courts, also Corporation Counsel's Office, Municipal Civil Service Commission, New York County Jail, etc.	1,538 00
For telephones, extension sets, etc., in Finance Department, First District, Municipal Court, etc.	1,609 00
For Welsbach lights, etc.	1,580 00
For electric current, lighting, etc., in the various public buildings (including armories), etc.	15,644 72
For miscellaneous orders, such as awnings, cleaning carpets, rugs, etc.; cleaning windows, glass doors and skylights; furnishing coal, directories, dictionaries, law books; repairs to elevators, repairs to furniture; supplying lumber, mason work, plastering, etc.; oils, shades, typewriters, expressage, hardware, kindling wood, glazing, berths for free floating baths, towing and storing same, recovering anchors, furnishing tax bark, rubber stamps, seals, flags, cabinet and towel supply, etc.	15,635 84

BUREAU OF LAMPS AND GAS.

Number of lamps lighted at close of quarter:	
Gas	25,213
Naphtha	1,583
Welsbach naphtha	449
Electric	2,032
Total	31,700

Number of new gas lamps lighted during quarter	159
Number of new naphtha lamps lighted during quarter	10
Number of new electric lamps lighted during quarter	19
Number of old gas lamps relighted during quarter	71
Number of gas lamps discontinued during quarter	66
Number of naphtha lamps discontinued during quarter	8
Number of gas discontinued on account of electric during quarter	8

ELECTRICAL BUREAU.

During the quarter 1,885 permits were granted for electric lighting, telephone and telegraph aerial lines, etc., as follows:

For signal wires	672
For electric lighting	348
For pole lines	28
For resetting poles	1
For city lamp-posts	13
For subsidiary connections	823

2,651 miles of overhead wire were removed from various streets and avenues.
3,890 certificates were issued for interior wiring.
Certificates were granted for the installation of 129,727 incandescent and 1,313 arc lamps, 24 generators of a total of 3,797 h. p. capacity, 613 motors of a total of 3,256½ h. p. capacity. 14,816 inspections were made.

BUREAU OF METER TESTS.

3,843 meters have been approved, tested and sealed, 3 rejected; 32 special tests and 1 experimental test were made.

BOROUGH OF BROOKLYN.

Contracts Completed during Quarter.

TYPE.	CONTRACTOR.	AMOUNT.
Furnishing, operating and maintaining electric lamps to and including December 31, 1899, for lighting the streets, public buildings and parks.	Edison Electric Illuminating Company (41) Brooklyn	\$510,470 00
	Welsbach Street Lighting Company of America	5,347 00

Orders aggregating \$4,161.47 for awnings, berthing and storing public baths, furnishing books (including law books, directories, etc.), carpenter work, carpets, mowing, etc., copying presses, clocks, and repairing same; electrical work and supplies, engineers', joiners' and painters' supplies, flags, furniture, glazing, hardware, horse keep, etc., ice, ironwork, mason work, oils, painting, plastering, plumbing, roofing, steam heating, sales, and repairing same; stoves, telephones, typewriters, wood, etc., during the quarter, as follows:

Borough Hall	\$2,352 41
Bridges, Department of	19 15
County Court-house	3,608 61
County Jail	3,540 48
Disciplinary Training School	5,121 94
Firemen's Hall, E. D.	899 13
Hall of Records	1,050 30
Municipal Building	4,196 73
Public Buildings, Lighting and Supplies (storehouse)	574 48
Public Bath	1,941 10
Public Improvements, Board of	897 15
Public Libraries—Central Branch	\$1,069 95
" Eastern District Branch	1,090 10
" East New York Branch	679 22
" Southern Branch	722 03

Station-house—Old Ninth Precinct	3,561 30
Wallabout Market (Administration Building)	161 50
" (sweeping)	86 57
Miscellaneous (including horse keep)	102 75
Armories—Thirteenth Regiment	844 90
" Fourteenth Regiment	632 20
" Twenty-third Regiment	612 50
" Forty-seventh Regiment	225 61
" Troop C	204 86
" Second Signal Corps	931 30
" Third Battery	468 70
" Second Naval Battalion	214 74
" Headquarters, Second Brigade	320 20
City Magistrates' Court—First District	22 95
" Second District	214 70
" Third District	71 43
" Fourth District	110 26
" Fifth District	144 75
" Sixth District	86 88
" Seventh District	183 27
" Eighth District	539 94
Municipal Court—First District	217 21
" Second District	25 00
" Third District	122 42
" Fourth District	89 95
" Fifth District	9 25
" Sixth District	32 85

LAMPS AND LIGHTING.

Lamps Lighted October 1.

Gas	17,078
Welsbach	1,978
Naphtha	273
Electric, 1,200 candle power	4,395
" 600	212

Added during Quarter.

Gas-lamps	294
Welsbach	238
Naphtha	31
Electric, 1,200 candle power	62
	18,561

Extinguished during Quarter.

Gas-lamps	201
Electric, 1,200 candle power	17
	218

Total number of lamps burning December 31, 1899. 18,343

Permits

were granted for overhead wires, underground conductors and subway construction, as follows:	
Brooklyn Heights Railroad Company	22
Citizens' Electric Illuminating Company	144
Coney Island and Brooklyn Railroad Company	3
Commercial Cable Company	2
Edison Electric Illuminating Company	183
Flatbush Gas Company	14
Fire Department	2
Kings County Electric-light Company	1
Municipal Electric-light Company	89
New York and New Jersey Telephone Company	951
Postal Telegraph Company	1
Stock Quotation Telegraph Company	15
Union District Messenger Company	7
Western Union Telegraph Company	5
Total	1,439

87.6 miles of overhead wire were removed; 813 certificates were granted for the installation of 20,308 incandescent lamps, 856 arc lamps, 862½ k. w. of generators and 909½ h. p. of motors; 2,102 interior wiring inspections were made; 4,439 meters were certified; 21 meters were proved and sealed; 3 photometric tests of illuminating gas were made; 662 poles were erected and 37 were removed.

BOROUGH OF QUEENS.

Orders aggregating \$5,019.67 were issued for furnishing supplies and making repairs to the various public buildings, offices, etc., as follows:

For coal and wood	\$483 00
For electrical work and supplies	207 80
For fitting up offices	842 00
For furniture	306 00
For hardware, etc.	100 00
For lighting public buildings, etc.	1,240 17
For plumbing	420 00
For repairs to buildings	1,435 50
For telephone service	100 00
For miscellaneous supplies, including law books, carpets, linoleum, rugs, etc., ice, laundry work, clocks, lumber, etc.	765 20

Number of Lamps Added during Quarter.

Gas	19
Arc	8

Permits

were issued for erecting, replacing and resetting poles, stringing wires, etc., as follows:	
New York and New Jersey Telephone Company	112
Electric Illuminating and Power Company	57
Fire Department	7
Postal Telegraph and Cable Company	6
New York and Queens Gas and Electric Company	16
Jamaica Electric-light Company	12
New York and North Shore Railway Company	9
DeKalb Avenue and North Beach Railroad Company	2
Jamaica Water Supply Company	1
Long Island Railroad Company	1
New York and Queens County Railway Company	4
Western Union Telegraph Company	2
Queens Borough Electric-light and Power Company	1
Total	230

159 certificates were granted for 4,152 incandescent and 23 arc lamps, 11 94½ horse-power motors and 420 kilowatt generators; 3,083 inspections were made; 254 poles and 56.63 miles of wire were removed by the different telephone, electric-light and railroad companies.

BOROUGH OF RICHMOND.

Orders aggregating \$3,890.42 were issued as follows:	
For coal and wood to Surrogate's Office, New Brighton Village Hall and Edgewater Village Hall	\$279 25
For office furniture to Receiver of Taxes, County Clerk and Highway Department	308 75
For stoves, etc., to New Brighton Village Hall and Collector of Assessments and Arrears	210 52
For electrical equipments to public buildings, etc.	190 00
For installing electric lamps in office of Collector of Assessments and Arrears	55 00
For sales to Health Department, Building Department, Commissioner of Jurors, Bureau of Licenses and Board of Comptrols	1,500 00
For book typewriters to County Clerk's Office	350 00
For miscellaneous supplies and repairs, etc., such as photometer, motor and case, official seals, letter press, time stamp, repairs to book typewriter, electrical repairs, etc.	412 75
For lighting various villages and public buildings, etc.	578 15

Number of Lamps Burning October 1.

Arc	375
Incandescent	2,883
Oil	100
	3,358

Added during Quarter.

Arc	7
	3,365

Total number of lamps burning December 31, 1899. 3,365

Permits

for telephone and telegraph lines, etc., were issued during the quarter, as follows:	
New York and New Jersey Telephone Company	127
New York and Staten Island Electric Company	98
Postal Telegraph Cable Company	1
Metropolitan Telephone and Telegraph Company	1
American Telephone and Telegraph Company	1
Western Union Telegraph Company	3
Staten Island Electric Railroad Company	7
Staten Island Midland Railroad Company	6
Richmond County Gas-light Company	55
Total	299

98 certificates were issued for interior wiring. Permits were granted for installing 4 arc and 2,559 incandescent lights.

BRIEF REVIEW OF THE YEAR.

STATEMENT OF REQUISITIONS DRAWN ON THE COMPTROLLER DURING THE YEAR.

Chargeable to Appropriations of 1899.

Public Buildings, Construction and Repairs	\$45 30
--	---------

Chargeable to Appropriations of 1897.

Public Buildings, Construction and Repairs	385 00
Supplies for and Cleaning Public Offices	204 90

Chargeable to Appropriations of 1898.

Boroughs of Manhattan and The Bronx—	
Salaries of Deputies, Clerks and Employees.....	\$136 00
Supplies and Repairs.....	72,691 06
Lamps and Lighting.....	110,122 37
Borough of Brooklyn—	
Salaries of Deputy, Clerks and Employees.....	74 00
Supplies and Repairs.....	79,072 61
Lamps and Lighting.....	472,122 51
Borough of Queens—	
Supplies and Repairs.....	5,465 71
Lamps and Lighting, Long Island City.....	4,833 54
Lamps and Lighting.....	112,715 91
Borough of Richmond—	
Supplies and Repairs.....	2,749 29
Lamps and Lighting.....	50,535 33

Chargeable to Appropriations of 1899.

General Administration—	
Salaries of Officers, etc.....	\$23,648 46
Boroughs of Manhattan and The Bronx—	
Salaries of Deputies, Clerks and Employees.....	400,480 10
Supplies and Repairs.....	249,943 81
Lamps and Lighting.....	240,947 26
Contingencies.....	1,258 53
Borough of Brooklyn—	
Salaries of Deputy, Clerks and Employees.....	161,779 34
Supplies and Repairs.....	98,740 37
Lamps and Lighting.....	292,773 66
Contingencies.....	999 96
Borough of Queens—	
Salaries of Deputy and Employees.....	27,909 95
Supplies and Repairs.....	18,618 71
Lamps and Lighting.....	190,439 87
Contingencies.....	712 98
Borough of Richmond—	
Salaries of Deputy and Employees.....	13,669 81
Supplies and Repairs.....	9,217 92
Lamps and Lighting.....	75,384 82
Contingencies.....	235 55

Chargeable to Trust and Special Accounts.

Construction of Seventh District Police Court and Prisons, etc.....	9,051 00
Gouverneur Ship Hospital Building Fund.....	39,187 15
Public Building (Twenty-third and Twenty-fourth Wards) in Crotona Park—	
addition to.....	27,040 33
Fund for Public Bath-house on Rivington street.....	75,663 69
Fund for construction of Hall of Records.....	139,214 95
Total.....	\$2,116,344 22

BOROUGH OF MANHATTAN AND THE BRONX.

SUMMARY STATEMENT OF CONTRACTS DURING THE YEAR.

Contracts Entered Into.

18 contracts for lighting streets, public buildings, etc.....	Estimated Cost, \$918,002 00
Coal to public buildings.....	19,915 45
Plumbing in Seventh Regiment Armory.....	14,747 00
	\$952,664 45

Contracts Completed.

19 contracts for lighting streets, public buildings, etc.....	\$714,088 16
Public building (Twenty-third and Twenty-fourth Wards) in Crotona Park—	
addition to.....	93,225 00
Coal to public buildings.....	15,288 00
Steam heating apparatus in Zbrowski Mansion.....	1,140 00
	\$823,741 16

Contracts in Progress and not Completed.

Gouverneur Ship Hospital.....	\$116,000 00
Rivington Street Bath.....	95,700 00
Hall of Records—Chambers, Centre and Reade streets.....	1,997,900 00
Coal to public buildings.....	19,915 45
Plumbing in Seventh Regiment Armory.....	14,747 00
	\$2,244,262 45

Orders aggregating \$314,460.10 were issued for furnishing awnings, berthing and storing free floating baths, carpenter work, copying presses, electrical work, Engineers, Janitors and Painters' supplies; furniture, glazing, hardware, heating (steam), ironwork, ice, painting, plumbing, steam and gas fitting, plastering, roofing, safes, supplies, telephones, typewriters, electric current, etc., during the year.

FREE FLOATING BATHS.

The following is a comparative statement of the number of bathers during the past three bathing seasons:

	1899.	1898.	1897.
Male.....	2,924,469	3,795,488	3,693,201
Female.....	925,607	1,194,388	1,473,318
Total.....	3,850,076	4,989,876	5,166,519

BUREAU OF LAMPS AND GAS.

Number of Lamps Lighted at Close of Year 1898.

Gas.....	25,054
Electric.....	4,324
Naphtha.....	1,415
Welsbach naphtha.....	387

New Lamps Lighted during the Year.

Gas.....	413
Electric.....	137
Naphtha.....	195
Welsbach naphtha.....	62
Gas-lamps relighted during year.....	182
	32,169

Lamps Discontinued during Year.

Gas.....	278
Gas discontinued on account of electric lights.....	158
Naphtha.....	27
	463

Total number of lamps lighted December 31, 1899..... **31,706**

ELECTRICAL BUREAU.

Subways—High Tension—There have been constructed during the year 23.285 miles of subway trench, in which have been placed 98.244 miles of single duct. This subway construction, added to the high tension subways that have previously been constructed in the Borough of Manhattan, makes a total of 895.968 miles. In these subways there are about 1,518,418 miles of high

tension electric-light and power conductors, which show an increase of 337 miles of high tension conductors in the subways for the year 1899.

Low Tension—There have been constructed during the year 9.896 miles of duct for electric-light wires and 49,499 miles of duct for telephone, telegraph and signal wires.

The total mileage of subways in the boroughs of Manhattan and The Bronx to December 31, 1899, including those built under the supervision of the Board of Electrical Control, is 2,281.945 miles.

The total number of permits issued during the year for the construction of new electrical subways and new electrical subway subsidiaries is 3,300.

Since the inauguration of the Bureau in 1898, a total of 4,413 permits have been issued for all kinds of subway construction.

The removal of overhead wire has been going forward as fast as practicable, and during the past year 25.95 miles have been removed without any expense to the City.

During the year 3,607 permits were issued by the Department for erecting poles, stringing overhead wires and resetting dangerous poles.

There have been 14,342 inspections made during the year, based on applications received from the various contractors and persons installing electrical work in various buildings, and, as a result of these inspections, 13,509 certificates have been issued for the erection of 415,625 new incandescent lamps, 3,887 new arc lamps, 94 generators, with a total kilowatt capacity of 11,911½, 4,663 motors, with a total horse-power capacity of 17,933½.

On the above applications for inspections of electrical work, 50,565 inspections were made during the progress of the work by the Inspectors of this Department, and during the years 1898 and 1899 a total of 25,812 applications for inspection of interior wiring were received, and, as a result of the inspections, 24,351 certificates were issued for the erection of 810,340 incandescent lights, 7,727 arc lights, 225 generators and 7,897 motors.

BUREAU OF METER TESTS.

24,328 meters have been tested and sealed, 140 rejected and 548 special tests made.

OFFICE OF ASSISTANT ENGINEER.

692 superfluous gas lamps have been discontinued, at a saving of over \$12,000 per annum.

Comparing the consumption of gas in the principal public buildings during 1899 with the average annual consumption for the four years—1894 to 1897—a saving of 11,974,200 feet is noted.

BOROUGH OF BROOKLYN.

SUMMARY STATEMENT OF CONTRACTS DURING THE YEAR.

Contracts Entered Into.

3 contracts for gas and electric lighting.....	Estimated Cost, \$361,001 00
--	------------------------------

Contracts Completed.

3 contracts for gas and electric lighting.....	\$361,001 00
Alterations to and furnishing room on south side of Borough Hall, top floor.....	3,455 30

Contracts in Progress and Not Completed.

4 contracts for gas and electric lighting.....	\$317,792 00
7,000 gross tons of coal.....	29,330 00

Orders aggregating \$122,570.54 have been issued for supplies and repairs to the Borough Hall, Municipal Building, County Court-house, Hall of Records, County Jail, Armories, public baths, etc., including furniture, typewriters, safes, supplies for Engineers, Janitors, Painters, etc., electrical supplies, ironwork, hardware, glazing, steam-heating, carpenter work, mason work, plumbing, painting, plastering, roofing, etc.

There are in use in the borough five public baths. During the summer 610,719 bathers were accommodated at a total cost of \$11,980.34.

LAMPS AND LIGHTING.

Number of Lamps Lighted on January 1, 1899.

Gas.....	10,782
Electric.....	3,986
Welsbach.....	720
Naphtha.....	355

New Lamps Lighted during Year.

Gas.....	713
Electric.....	270
Welsbach.....	1,505
Naphtha.....	39
Lamps (electric) relighted.....	174
	15,460

Lamps Discontinued during Year.

Gas.....	424
Electric.....	55
Welsbach.....	7
	486

Total number of lamps lighted December 31, 1899..... **17,974**

4,203 permits were granted for exterior conductors, including subway construction. 2,110 poles have been erected in the outlying territory and 762 have been removed from the heart of the borough. 145½ miles of underground construction have been completed during the year, and 518 miles of wire have been voluntarily removed from the highways by the various companies.

6,109 inspections have been made, comprising 77,918 incandescent and 2,827 arc lamps, 1,386½ kilowatt of generators and 2,225 horse-power of motors.

2,762 certificates have been issued to cover the above appliances.

127 gas meters have been proved. 18,360 gas meters have been certified during the year.

BOROUGH OF QUEENS.

Orders were issued during the year for furnishing supplies and making repairs to Town Hall, Flushing; Hackett Building, Long Island City; Village Hall, Far Rockaway; Departments of Building, Health, Highways, Finance and Public Buildings, Lighting and Supplies, in Jamaica; Departments of Sewers, Bridges, Water Supply, Assessments and Arrears and Finance (Deputy Receiver of Taxes) in Long Island City, etc., aggregating \$21,499.20.

LAMPS AND LIGHTING.

Number of Lamps in Service January 1, 1899.

Arc electric.....	1,942
Incandescent electric.....	140
Gas.....	3,784
Welsbach gas.....	293
Naphtha.....	871
Oil.....	40

New Lamps Lighted during the Year.

Arc electric.....	33
Welsbach gas.....	4
Gas.....	27
	7,134

Lamps Discontinued during the Year.

Arc.....	44
Naphtha.....	250
	294

Total number of lamps burning December 31, 1899..... **6,840**

Permits

were granted for electric light and power, signal wires, etc., as follows:

Signal wires.....	560
Electric light and power.....	502
Gas.....	1
	1,063

783 certificates were granted for interior work. 9,323 inspections were made. Certificates were issued for installation of 17,906 incandescent and 137 arc lamps, 75 motors, 234 7-24 horse-power; 8 generators, 88½ kilowatts; 3 heater and 5 service.

Permits

were granted to the following-named companies for removing 700 poles and 136.41 miles of wire during the year:

New York and New Jersey Telephone Company.
Western Union Telegraph Company.
Postal Telegraph and Cable Company.
Long Island Telephone Company.
Jamaica Water Supply Company.
Fire Department.
Police Department.
New York Telephone Company.
Electric Illuminating and Power Company.
Newtown Light and Power Company.
New York and Queens Gas and Electric Company.
New York and Queens Light and Power Company.
Jamaica Electric-light Company.
Queens Borough Electric-light and Power Company.
Seaside Amusement Company.
Bowery Bay Electric-light and Power Company.
North Beach Electric-light and Power Company.
New York and Queens County Railway Company.
New York and North Shore Railway Company.
Long Island Electric Railway Company.
Brooklyn Heights Railroad Company.
New York and Rockaway Beach Railway Company.
De Kalb Avenue and North Beach Railway Company.
Coney Island and Brooklyn Railroad Company.
400 miles of wire have been placed in subways built during the year.

BOROUGH OF RICHMOND.

Orders were issued during the year for supplies and repairs to the various public buildings and offices under the supervision of this Department, also for lighting Village of Totenville, New Brighton and Edgewater Village Halls, etc., during the year, amounting to \$10,714.84.

LAMPS AND LIGHTING.

Number of lamps burning January 1, 1899:

Incandescent	2,883
Arc	175
Electric	100

Number of new arc lamps added during year: 7

Total number of lamps burning December 31, 1899: 3,065

Permits

were issued during the year for telephone and telegraph lines, etc., as follows:

New York and New Jersey Telephone Company	476
New York and Staten Island Electric Company	433
Postal Telegraph Cable Company	1
Metropolitan Telephone and Telegraph Company	1
American Telephone and Telegraph Company	4
Western Union Telegraph Company	6
Staten Island Electric Railroad Company	21
Staten Island Midland Railroad Company	34
Richmond County Gas-light Company	237
Total	1,213

344 certificates were issued for interior wiring during the year.

NUMBER OF MOTORS AND GENERATORS INSTALLED.

Motors—1 twenty h. p., 1 fifteen h. p., 1 ten h. p., 1 five h. p., 3 one h. p., 1 three h. p., 2 two h. p., 4 one-twelfth h. p., 1 five h. p., 1 two-h. p., 1 fifteen h. p., 1 seven and one-half h. p., 2 two h. p., 1 five h. p., 1 one-quarter h. p., 1 one-twelfth h. p., 1 one h. p., 1 one-eighth h. p., 1 three h. p., 1 four h. p., 1 one and one-third h. p.

Generators—1 twenty k. w.

Permits.

were granted for installing electric-lights, etc., as follows:

Incandescent lamps	7,203
Arc	55
Total	7,258

15,165 feet of overhead wire were removed during year.

Further and detailed information in regard to the operations and transactions of the Department will be found in the following documents attached hereto:

Document "A"—Statement of Appropriations and Expenditures.

Boroughs of Manhattan and The Bronx.

Document "B"—Statement in Detail of Contracts.
Document "C"—Report of Bureau of Repairs and Supplies.
Document "D"—Report of Bureau of Lamps and Gas.
Document "E"—Report of Assistant Engineer.
Document "F"—Report of Electrical Bureau.
Document "G"—Report of Bureau of Meter Tests.
Document "H"—Report of Borough of Brooklyn.
Document "I"—Report of Borough of Queens.
Document "K"—Report of Borough of Richmond.

Very respectfully,

HENRY S. KEARNY, Commissioner.

DOCUMENT "A."

Statement of Appropriations, Trust and Special Accounts, showing the Expenditures during the Quarter ending December 31, 1899, the Total Expenditures during the Year 1899, and the Balances on December 31, 1899.

TITLE OF APPROPRIATION.	BALANCE ON JANUARY 1, 1899, WITH TRANSFERS.	REQUISITIONS BY LIABILITIES DURING FIRST NINE MONTHS OF 1899.	REQUISITIONS ON LIABILITIES OF 1898 DURING FOURTH QUARTER OF 1899.	TOTAL REQUISITIONS ON LIABILITIES OF 1898 DURING THE YEAR 1899.	BALANCE ON DECEMBER 31, 1899.	APPROPRIATIONS WITH TRANSFERS, 1899.	REQUISITIONS DURING FIRST NINE MONTHS OF 1899.	REQUISITIONS DURING FOURTH QUARTER OF 1899.	TOTAL REQUISITIONS DURING THE YEAR 1899.	BALANCE ON DECEMBER 31, 1899.
General Administration.	\$422 86			\$422 86	\$4,200 00	\$17,369 14	\$6,112 30	\$11,256 84	\$17,369 14	\$351 34
<i>Boroughs of Manhattan and The Bronx.</i>										
Salaries of Deputy, Clerks and Employees	1,340 68	\$136 00		\$1,476 68	\$1,210 08	\$10,715 00	\$10,548 64	\$168 36	\$10,715 00	4,234 90
Supplies and Repairs	74,670 51	36,334 18	\$337 00	75,341 69	1,075 47	\$10,320 00	\$10,320 00	\$0 00	\$10,320 00	9,376 12
Lamps and Lighting	143,572 57	10,000 32		153,572 89	33,432 00	\$1,076,136 00	\$77,549 00	\$15,338 24	\$92,887 24	\$153,588 74
Furnishing, etc., and Two New Bureaus: Brown Stone Building	37 84			37 84						
Aluminum Building on Southwest Corner of Prince and Wooster Streets	17 00			17 00						
Contingencies					1,000 00	500 00	500 00	0 00	1,000 00	841 47
<i>Borough of Brooklyn.</i>										
Salaries of Deputy, Clerks and Employees	3,185 08	74 00		3,259 08	\$3,071 48	\$16,720 00	\$16,082 75	\$637 25	\$16,720 00	1,091 06
Supplies and Repairs	109,487 00	77,301 74	2,669 87	189,458 61	\$10,100 00	\$14,000 00	\$7,181 50	\$6,818 50	\$13,990 00	\$11,420 61
Lamps and Lighting	484,093 50	\$18,329 52		\$502,423 02	18,172 09	\$70,712 07	\$75,081 27	\$11,488 39	\$86,569 66	\$577,992 01
Contingencies						1,000 00	733 00	267 00	1,000 00	74
<i>Borough of Queens.</i>										
Salaries of Deputy and Employees	1,797 90			1,797 90	\$1,497 90	\$8,400 00	\$8,000 00	\$400 00	\$8,400 00	320 03
Supplies and Repairs	5,485 41	5,405 71		10,891 12	19 70	\$1,500 00	\$1,500 00	\$0 00	\$1,500 00	6,881 39
Lamps and Lighting, Long Island City	22,670 36	4,321 54		26,991 90	\$18,045 82					
Lamps and Lighting	137,197 04	111,129 02	1,000 00	249,326 06	24,000 00	\$14,000 00	\$14,000 00	\$0 00	\$14,000 00	\$137,197 04
Contingencies						1,000 00	400 00	600 00	1,000 00	287 00
<i>Borough of Richmond.</i>										
Salaries of Deputy and Employees	3 60			3 60	\$1 61	\$1,000 00	\$1,000 00	\$0 00	\$1,000 00	10 10
Supplies and Repairs	3,033 23	3,745 00		6,778 23	373 00	\$1,000 00	\$1,000 00	\$0 00	\$1,000 00	5,785 23
Lamps and Lighting	76,760 08	48,118 76	2,400 57	127,279 41	25,000 00	\$10,000 00	\$10,000 00	\$0 00	\$10,000 00	\$117,279 41
Contingencies						500 00	150 00	350 00	500 00	154 45
Totals	\$1,063,778 08	\$904,388 80	\$7,009 44	\$2,075,176 32	\$152,370 35	\$3,735,714 20	\$1,800,447 81	\$704,733 29	\$2,505,181 10	\$1,009,541 26

* These amounts have been transferred to the General Fund for Redaction of Taxation.

NOTE—Requisitions during First Quarter of 1899, on "Public Buildings, Construction and Repairs, 1897," \$135; on "Supplies for and Cleaning Public Offices, 1897," \$104 90.

Requisitions during Third Quarter of 1899, on "Public Buildings, Construction and Repairs, 1896," \$45 30.

TITLE OF TRUST AND SPECIAL ACCOUNT.	BALANCE ON JANUARY 1, 1899.	REQUISITIONS DURING FIRST NINE MONTHS OF 1899.	REQUISITIONS DURING FOURTH QUARTER OF 1899.	TOTAL REQUISITIONS DURING THE YEAR 1899.	BALANCE ON DECEMBER 31, 1899.	TITLE OF TRUST AND SPECIAL ACCOUNT.	BALANCE ON JANUARY 1, 1899.	REQUISITIONS DURING FIRST NINE MONTHS OF 1899.	REQUISITIONS DURING FOURTH QUARTER OF 1899.	TOTAL REQUISITIONS DURING THE YEAR 1899.	BALANCE ON DECEMBER 31, 1899.
Construction of Seventh District Police Court and Prison, etc.	\$10,000 51	\$100 00	\$1,000 00	\$1,100 51	\$1,047 51	Revenue Bond Fund—Altering and Fitting up Brown Stone Building	462 73				462 73
Construction of 50th Hospital Building Fund	135,527 00	20,000 00		155,527 00	54,744 80	Fund for Public Comfort Station	600 00				600 00
Public Building, Twenty-third and Twenty-fourth Wards, Crotona Park	7,400 25			7,400 25	7,418 43	Fund for Public Bath-house in Riverington Street	10,000 00	\$8,177 71	\$7,485 98	\$15,663 69	\$1,436 31
Public Building, Twenty-third and Twenty-fourth Wards, Crotona Park, Addition	20,160 00	17,000 00		37,160 00	3,112 75	Fund for Construction of the Hall of Record	1,000,000 00	1,000,000 00	30,000 00	1,030,000 00	\$1,000,000 00
Revenue Bond Fund—Alterations and Changes in the City Hall	892 26			892 26		Totals	\$2,465,192 31	\$152,758 19	\$156,364 93	\$309,123 12	\$2,617,518 19

CONTRACTS IN PROGRESS AND NOT COMPLETED.			
	CONTRACTORS.	ESTIMATED COST.	AMOUNT PAID.
Gouverneur Ship Hospital.....	Mapes-Reeve Construction Company.....	\$115,000 00	\$97,054 35
Rivington Street Bath.....	John F. Johnson.....	55,700 00	77,218 25
Hall of Records, Chambers, Centre and Hudson streets.....	John Price.....	1,027,900 00	145,844 92
Coal-to Public Buildings.....	New York Central Coal Company.....	19,015 45	17,685 44
Plumbing, Seventh Regiment Armory.....	Christopher Nally Company.....	54,747 00	1,750 00
		\$2,244,160 45	\$336,542 96

DOCUMENT "C."

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
BUREAU OF REPAIRS AND SUPPLIES,
NEW YORK, March 10, 1900.

Hon. HENRY S. KEARNEY, Commissioner, Department of Public Buildings, Lighting and Supplies,
Nos. 13 to 21 Park Row:

Sir:—In accordance with your instructions, I have the honor to submit the following report of the transactions of this Bureau for the quarter ending December 31, 1899.

CRIMINAL COURT BUILDING.

The usual orders for cleaning glass in doors and windows were renewed. Plumbers, carpenters, janitors, engineers and electrical supplies were furnished, two barrels cylinder oil, one barrel engine oil, one barrel boiler compound and 1,000 pounds electrolyte also furnished.

All the cold-air ducts in above building were entirely overhauled, repaired and recovered. Window shades where necessary throughout building were repaired and where necessary replaced with new shades. The curtains, portieres, draperies, etc., in the various rooms in above building were taken down, cleaned and rebuffed, vault lights and ventilating doors, consisting of 2-inch lens, patent bull's-eye lights, each 2 feet 8 inches by 2 feet 7 inches, cast-iron tiling, of 3/4-inch metal let into a 3-inch channel-iron frame 9 feet 7 inches by 3 feet 3 inches, each frame having a cast-iron border 4 inches wide. Each frame has a set of double flat ventilating doors of the same material as patent bull's-eye lights, together with necessary brass butt hinges and ratchet attachments for opening and closing from under side, and two protecting iron gratings with rod and thimbles 6 feet by 2 feet 7 inches, made of 1 1/2 by 1/2 iron and 1 1/2 by 1/2 filler were made and placed in openings made by above-described doors on north and south sides respectively of stoop leading to main entrance on Centre street side.

Repairs were made to return-pipes and main steam-pipes over boiler. The 2 Worthington pumps in above building were entirely overhauled and repaired, new parts replacing defective and worn parts.

At boilers Nos. 1 and 2, centre and sidewalls were taken down and rebuilt, sides and bridge-walls relined and new brick arches were rebuilt.

The elevators in above building were entirely overhauled, repaired and kept in first-class condition, cut-off adjusted, hand ropes furnished and put in, pistons repacked, etc. Awnings on windows of above building were taken down and stored for winter season.

Supreme Court, Criminal Term, Part I.—The ceiling and cornice of above court-room were cleaned off, prepared and kalsomined as directed. Carpets were taken up, cleaned and relaid in court-room, Judge's chambers, hallways and Clerk's room.

District Attorney's Office.—Carpets in above offices were taken up, cleaned and relaid as directed.

(Special) Grand Jury Room.—Five bent-wood hat and coat racks with umbrella stands attached were furnished.

Civil Service Commission.—One book-rack of special design, 1 library table furnished, also two 4-drawer cabinets, together with necessary cards and guides, furnished.

Civil Service Commission (Labour Bureau).—One time-stamp was furnished.

Court of General Sessions.—In Part I, of above court the ceiling and walls were washed off, ceiling prepared and decorated and side walls painted four coats of paint, Atlantic lead ground in linseed oil being used. All woodwork was cleaned off, painted, varnished and polished.

The carpets in Justice's private rooms and hallways were taken up, cleaned and relaid; 60 yards of best quality Brussels was furnished and laid; 1 easel was furnished for Judge McMahon's private room. A supply of law books and 1 City Directory for use of above court also furnished.

COUNTY COURT-HOUSE.

The usual orders for a supply of steam were renewed. Janitors' and Engineers' supplies, including disinfectant, soap, powder and machinery oil, were furnished. The order for cleaning glass in doors and windows of above building were renewed. The curtains, portieres, draperies, etc., in the various rooms of above building were taken down, cleaned and rebuffed. Window-shades throughout building were repaired and about 50 new window shades made of best quality Nonpareil shade cloth hung on Hartshorn Spring Rollers were furnished and put up. The Electric Pneumatic Automatic Temperature Regulating Apparatus was regularly inspected and kept in first-class working order. The roof at base of cupola was pointed up and repaired. Sky-light and dome over rotunda were repaired. Ventilators and gutters on roof of above building were repaired and painted. Awnings on windows of above building were taken down and stored for winter season.

Supreme Court.—One porcelain-lined water cooler and a supply of law books furnished, and one volume of the "Law Journal" was bound in one-half sheep and black cloth. Carpets were taken up, cleaned and relaid in Judges' Chambers. Clerks' offices and Court-rooms in Parts II, and III, of above Court—ceilings were washed off, kalsomined and tinted in colors and large centre panels decorated.

Walls and iron-work washed off and painted two coats of best quality paint. Woodwork cleaned off, smoothed up and painted; 1 coat of wax varnish.

Doors painted in panels, grained and varnished and chandeliers gilded, and in Part IV, chandeliers were painted and gilded.

Supreme Court Library.—For the purpose of joining existing balconies at entrance from corridor in above library, an iron balcony 12 feet long corresponding in every detail with existing balcony was made and put up.

County Clerk's Office.—Two City Directories were furnished.

Surrogate's Office.—The carpets in court-rooms, ante-rooms and Surrogate's chambers were taken up, cleaned and relaid.

CITY HALL.

The usual orders for supplying steam and cleaning glass in windows and doors of above building were renewed. Awnings on windows of above building were taken down and stored for winter season.

The curtains, portieres and draperies in the various rooms of above building were taken down, cleaned and rebuffed.

Hallways on flag-staff of above building were repaired and two United States flags made of best quality bunting furnished.

Repairs on Worthington pump in above building were made, leaving same in first-class order. Mayor's Office.—A supply in law books, a census map, a wall border map and one mahogany desk furnished; the backs of 3 sofas, 1 large rotary chair, 15 chairs and the seat and back of a large rotary chair were covered with the best quality morocco leather, stamped with the Coat of Arms of The City of New York.

Bureau of Licenses.—1 City Directory furnished.

Governor's Room.—1 perforated corrugated rubber mat, 5 feet 5 1/2 inches by 3 feet 3/4 inch and lettered "Governor's Room" furnished.

City Record Office.—1 "Standard" dictionary bound in full Russia furnished.

Clerk's Office, Board of Aldermen.—Repairs were made to safe in above office.

City Clerk's Office.—2 City Directories and 1 Business Directory were furnished.

BROWN STONE BUILDING.

The orders for cleaning glass in windows and doors of above building were renewed and Janitors' and Engineers' supplies furnished. Tubes in boiler, about forty, were removed and replaced with new tubes, 3 inches by 10 feet. Defective tin on roof of above building was cut out and replaced with new tin of best quality, painted bottom and top, and entire roof, including chimney top, painted.

Worthington pump in above building was entirely overhauled, repaired and put in first-class order. Valve of elevator No. 1 in above building was repacked. Awnings on windows of above building were taken down and stored for winter season.

BUILDING SOUTHWEST CORNER OF CHAMBERS AND CENTRE STREETS.

Defective tin on roof of above building and roof of extension on Park side was cut out and replaced with new tin of best quality, painted top and bottom, and entire roof, including chimney tops and ventilators, painted one coat of best quality metallic paint. Two 4-inch galvanized iron leaders, to replace defective leaders taken down, were furnished and properly secured to building.

Awnings on windows of above building were taken down and stored for winter season.

HALL OF RECORDS.

Orders for cleaning glass in doors and windows of above building were renewed and the usual cleaning supplies were furnished.

Awnings on windows of above building were taken down and stored for the winter season. Two 30-inch electric exhaust fans, one 24-inch exhaust fan and four 16-inch electric motor fans, with necessary wiring run in lubricated conduits and properly connected with circuits to building, were furnished and installed.

HARLEM COURT-HOUSE.

The usual Janitor's and Engineer's supplies, including soap powder, disinfectant and machinery oil, furnished. Carpets in various rooms of above building, as directed, were taken up, cleaned and relaid. Awnings on windows of above building were taken down and stored for the winter season.

Repairs to locks, knobs, escutcheons, etc., were made and one dozen Yale keys were furnished. The steam plant of the above building was entirely overhauled, repaired and put in first-class order. One 1 1/2-inch water meter, properly connected to boiler, was furnished and put in, and stuffing boxes, pistons and valves of elevators were repacked.

WEST FIFTY-FOURTH STREET COURT-HOUSE.

The usual Janitor's and Engineer's supplies were furnished. Awnings on windows of above building were taken down and stored for the winter season.

One 2-inch water meter, properly connected to boiler, was furnished and put in, and elevators in above court-house were repaired and put in first-class condition.

SEVENTH DISTRICT COURT-HOUSE.

The usual Janitor's and Engineer's supplies were furnished. Walls and ceilings of engine-room and coal-bin in above court-house were whitewashed. Awnings on windows of above building were taken down and stored for winter season.

THIRD DISTRICT COURT-HOUSE.

The usual Janitor's and Engineer's supplies were furnished. Window-shades throughout building were repaired. Awnings on windows of the above building were taken down and stored for the winter season. Clock tower of above building was whitewashed. One duplex steam-pump, 4 1/2 by 2 1/2 inches by 4, and one positive-acting pump governor was furnished and installed as directed. One flag pole, and one United States flag, made of best quality standard bunting, furnished.

MARKETS.

Fulton.—A (6 feet 6 inches by 6 feet 6 inches by 2 feet) hipped skylight with louvers all round, glazed with 4-inch glass, was furnished and put up over stand in above market.

The awnings at above market on Front and Beekman street sides of above market were overhauled and repaired.

Washington.—A (6 feet 6 inches by 6 feet 6 inches by 2 feet) hipped skylight with louvers all round, glazed with 4-inch glass, was furnished and put up.

Clinton Market.—For use at the various markets there was furnished and stored at the above market 6 dozen street brooms, 2 dozen long-handle scoop shovels, 1 dozen short-handle scoop shovels and 1 dozen ice choppers.

West Washington Market.—The plastering in above market where necessary was repaired, all cracks were cut out, and new lath, brown and white mortar were used. The iron rolling shutters at above market were entirely overhauled and repaired, new parts replacing worn and defective parts, and where necessary new iron shutters replaced old ones.

Catharine Market.—Old sashes and damaged parts of sash-frame were removed from forty window openings in above market; sash-frames were repaired, and new sashes, three for each opening, were furnished, with the necessary fastenings, fitted and hung, as directed.

ARMORIES.

Seventh Regiment.—At the four boilers of above armory fire-boxes were relined and bridge walls and arches were rebuilt. After necessary excavations were made, two 3-inch galvanized iron water-mains, connected with water-mains in street, were run inside of above armory.

Two sets of Imperial rocking and dumping grate bars, with necessary supports, fittings, etc., were furnished and placed under boilers as directed. About 1,700 square feet of steam pipe in above armory was covered with one thickness of asbestos, one thickness of hair felt, one thickness of rosin-sized paper and 8-ounce canvas, all neatly and properly sewed.

Eighth Regiment.—A combination steel file case, containing 54 compression files, 16 pigeon holes and 97 plain drawers, furnished. 100 lockers were taken down and removed from tower on southwest corner of above building and set up complete on first floor of same tower as directed; new material, where necessary, was used. Defective tin of roofs, gutters and lanterns over drill-room and administration parts of above armory was cut out and replaced with new tin of best quality, painted bottom and top; all old work received one coat of best quality metallic paint.

Stanchions to support balcony, together with necessary railings and two flights of iron stairs, were made and put up on south side of tower, southeast corner of building. The electric gas-lighting apparatus in above building was entirely overhauled, repaired and put in first-class working order, and the electrical apparatus in rifle range was also repaired, overhauled and put in first-class working order.

Ninth Regiment.—The patent bull's-eye lights on Fourteenth and Fifteenth street sides of above armory were repaired. A 1 1/2-inch water meter, properly connected to boiler, was furnished and placed as directed. 10 gallons of Jarb paint (enamel) was furnished.

Twelfth Regiment.—One barrel of disinfectant furnished. The electric gas-lighting apparatus in above armory was entirely overhauled, repaired and put in first-class order; 43 brass cylinder locks, with two keys for each, were furnished and put on doors of lockers; 83 keys were filed and furnished for locks of company rooms, and at entrance door, 1 heavy hatted front Yale patent cylinder latch, with 12 extra keys, was furnished and put on.

Twenty-second Regiment.—Patent bull's-eye lights on outside of above armory were repaired. Old and defective tubes in boilers were removed and replaced with new tubes of best quality. Grate-bars in boilers were repaired and reset. Repairs were made to concrete in area about armory on Sixty-seventh street, Sixty-eighth street and Columbus avenue sides. About 1,200 square feet of steam pipe in above armory was covered with 1 thickness of asbestos paper, 1 thickness of hair felt, 1 thickness of rosin-sized paper, and over all 8-ounce canvas neatly and properly sewn.

Sixty-ninth Regiment.—Three cocoa mats were furnished and glazing throughout building repaired.

Seventy-first Regiment.—Four new boiler tubes, to replace old and worn tubes, removed were furnished and put in boiler of above armory.

Squadron "A".—Twenty-four large grate-bars were furnished and put in place under boilers. Two openings were cut in smoke flue and iron doors were placed therein. Exhaust fan was entirely overhauled and repaired. Two 3-inch Challenge flue cleaners; two 3-inch Challenge Broshe gauge rucks, glasses, nipples, valves and rainbow packing were furnished. 100 tons of tan bark also furnished. Entire roof was repaired, defective tin cut out and replaced with new tin, painted bottom and top. All old work received 1 coat of best quality metallic paint.

Second Battery.—Three cocoa mats were furnished. Partitions between non-commissioned officers' room and non-commissioned officers' locker-room were taken down. All cracks in plaster were cut out and all loose and damaged plaster was repaired in non-commissioned officers' room, non-commissioned officers' locker-room, men's locker-room, library, office and main hall, in above armory. The main hallway and sixteen rooms in above armory were prepared, tinted and painted as directed. All woodwork was cleaned off and varnished.

United States Steamship "New Hampshire". First Naval Battalion.—The above ship was towed from summer quarters off Tompkinsville, S. I., to present quarters front of East Twenty-eighth street. And on above ship an electrical engine was erected where directed. On No. 1 launch a dock canopy awning, 25 feet long, with side curtains, was furnished and put in place.

Headquarters of Naval Battalion.—On poop deck of United States steamship "New Hampshire" (above headquarters) the new cabin was painted, oiled, shelled and varnished. New porcelain-lined basins, one lead-lined cypress tank, together with necessary piping, etc., was completed. Steam coils and steam trap were made and connected up with present steam plant.

MUNICIPAL COURTS.

First District.—Order for cleaning glass in doors and windows of above court was renewed and the usual Janitor's and Engineer's supplies were furnished.

Second District.—Awnings on windows of above court were taken down and stored for winter season. The usual Janitor's supplies for cleaning were furnished.

Fourth District.—The usual Janitor's supplies for cleaning were furnished. Awnings on windows of above buildings were taken down and stored for winter season.

Fifth District.—The usual Janitor's supplies for cleaning were furnished.

Sixth District.—Order for cleaning glass in doors and windows of above court were furnished.

The usual Janitor's supplies for cleaning were furnished.

Seventh District.—A supply of law books for use of above court were furnished.

Eighth District.—The usual Janitor's supplies for cleaning were furnished. Order for cleaning glass in doors and windows of above court were renewed.

Eleventh District.—The usual Janitor's supplies for cleaning were furnished.

CITY MAGISTRATES' COURTS.

Third District.—The usual Janitor's supplies for cleaning were furnished.

Slate roof of above building was entirely overhauled and repaired, new work replacing old and defective parts; flashing was placed around chimneys as directed, and two new chimney tops with bases furnished.

Sixth District.—The usual Janitor's supplies for cleaning were furnished.

FINANCE DEPARTMENT.

The book cases, desks, etc., in Rooms Nos. 31, 33, 34, 35, 36, 37, 38 and 39 were taken apart, moved and erected in new offices on second floor. New material was used where necessary.

The consolidation of the boroughs' bureaus in the above Department necessitated the moving and changing of counters, desks, pigeon-hole cases, safes and other furniture, all of which was done in a satisfactory manner and as directed. The safes, books, records, stationery, desks, closets and other articles of furniture, etc., were removed from the previous borough offices in The Bronx, Queens, Richmond and Brooklyn to present offices, all the articles were moved, placed and erected as directed. Two quartered-oak wardrobes, 1 Shannon filing cabinet 24 inches wide by 48 1/2 high, 1 Lang steel 36-drawer document file, 1 double desk, 15 chairs, one 2 by 6 table, 1 roll top desk, 1 revolving chair, 2 flat top desks furnished, 8 copies Laws 1899 and 6 copies Ash's Greater New York Charter also furnished. In Room No. 39 about 15 yards of plain linoleum was furnished and laid, and in Deputy Comptroller Levy's room about 55 yards of velvet carpet and necessary paper lining was furnished and laid. In Rooms Nos. 35 and 37 about 31 feet of quartered oak and glass partition was furnished and erected as directed. Ninety-five

Welsbach lights, with necessary shades, mantles, etc., complete, together with necessary mohair tubing, furnished.

The woodwork in Rooms 33, 35, 37 and 39 was filled, shellaced and varnished.

The iron railing in Rooms 19, 21 and 23 was taken down, reconstructed and placed where directed in various rooms on first floor.

The brass and glass partition in Rooms 27 and 41 was taken down, reconstructed and placed in Rooms 19, 33 and 35, new material where necessary being furnished; 38 feet of iron railing, with polished oak top rail, was furnished and put in place in Rooms 31 and 39.

Awnings on windows of above Department were taken down and stored for winter season.

City Chamberlain—Awnings on windows of above office were taken down and stored for winter season.

One combination steel cabinet containing 27 files and 1 cupboard, 32 3/4 inches by 20 1/4 inches by 22 5/16 inches, with double door box base, cornice sunk panel ends, carpeted ledge, oxidized bronze trimmings, all finished dead olive, was furnished.

Bureau for Collection of Assessments and Arrears—Sales, books, papers, records, furniture, etc., were moved from previous offices on first floor to present offices on second floor as directed.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Safe in Room "R" was moved to office of above Department in Borough of Richmond.

Awnings on windows of above Department were taken down and stored for winter season.

Receipt of Taxes—Safe was removed as directed, side in basement was repaired, bolts oiled and cleaned and new lock put on same.

The iron railings and cashiers' cages were taken down, reconstructed, repaired and put up as directed; new material where necessary was used; 3 pounds aluminum bronze, 2 pounds silver bronze and 2 gallons monogram liquid were furnished.

CITY PAYMASTER.

Orders for a supply of steam, and cleaning glass in windows and doors of above office, were renewed.

For vault under sidewalk an iron door, 6 feet 8 inches by 3 feet, was made and put up, and repairs were made to vault cover.

EXEMPT FIREMEN'S HEADQUARTERS.

Old and worn parts of Welsbach lights were repaired, new parts replacing same.

DEPARTMENT OF BUILDINGS.

Two new flagpoles and brackets, etc., complete, furnished; repairs were made to flagpole and balyards for same furnished; 3 United States flags for same also furnished.

Awnings on windows of above Department were taken down and stored for winter season.

COUNTY JAIL.

One barrel disinfectant was furnished. Repairs to boiler and grate-bars and fire tools in above jail were made. Partition on first floor was glazed with 3 lights of ground glass, 24 by 28, and painted, grained and varnished. Ceilings and side walls of 7 cells and wash-houses were painted.

COMMISSIONERS OF ACCOUNTS.

Awnings on windows of above office taken down and stored during the winter season.

BOARD OF ASSESSORS.

1 city directory furnished.

COMMISSIONER OF JURORS.

1 complete set of Revised Statutes, latest edition, furnished.

SUPREME COURT.

Appellate Division—Bolts of small safe were cleaned and oiled, six new locks were furnished and put on safes as directed.

Awnings on windows of above Court were taken down and stored for the winter season.

The books, records, stationery, desks, chairs, etc., were removed from previous to present Court-house.

CORPORATION COUNSEL.

5 coons mats, 3 1/2 by 2, and 1 quartered-oak cabinet with sliding door furnished. Awnings on windows of above offices were taken down and stored for winter season.

PUBLIC ADMINISTRATOR.

1 city directory and 1 business directory furnished.

PUBLIC COMFORT STATIONS.

City Hall Park—Orders for a supply of steam and electric current were renewed.

DEWEY ARCH—TWENTY-THIRD STREET AND FIFTH AVENUE.

Part of the main and entire attic of Dewey Arch was covered as directed, so that the same would remain preserved during the winter season.

DEPARTMENT OF HEALTH.

The orders for cleaning glass in doors and windows and supply of electric current to operate motor in above building were renewed. Two sets of balyards were furnished and reeved on flagpoles. Two United States standard bunting flags, each 10 by 15 were furnished. On southerly side of above building over skylight, 4 awnings, with necessary hooks, pulleys, etc., were furnished and put in place. Safe on top floor Criminal Court Building was removed to top floor of above building. The steam-pipes throughout building where necessary were covered with asbestos paper, hair felt, rosin-sized paper and 8-ounce canvas neatly and properly sewed.

New sink was set up and connected in rear of first floor. Wash-basin on second floor was removed and all pipes sealed. Gas-pipes were removed and placed as directed. Steam plant in above building was entirely overhauled and put in perfect order. Necessary blow-off pipes, steam and water gauges, valves, fittings, etc., were furnished. Concrete floor of boiler-room was repaired where necessary. Rear brick wall at boilers was taken down and rebuilt. The iron railings in above Department at Criminal Court Building were taken down, reconstructed and placed in above building where directed, new material being used where necessary. A steel plate bulletin board, about 10 feet by 12 was furnished and placed where directed. Old and defective tubes in boilers were removed and replaced with best quality new tubes. Old grate bars were removed and two new sets of Imperial rocking and dumping grate bars were furnished and placed where directed.

Patent lights on outside of building were repaired.

Elevator gates also repaired and iron railing in main office on first floor and room No. 4 on fourth floor was taken down, reconstructed and reset as directed. To enclose Police Sergeants' room in above building about 24 feet of quartered-oak and glass partition corresponding in every detail with existing partitions was made and put up as directed.

In Record Room on first floor a pigeon-hole cabinet made as per plan was set up complete. Wall cases and closets in Criminal Court Building were taken down, repaired, reconstructed and set up as directed in the various offices in above Department, new material where necessary being used. About 22 feet of oak and glass two-sided partition about 7 feet 8 inches high, same design as on first floor, was furnished and put up as directed in office of Secretary to President, and in office of Burial Permit Clerk about 19 feet of similar partition was made and put up. Panel work in opening on Fifty-fifth street side of building was removed and new doorway as directed put in. In kitchen on attic floor pipes were boxed in.

Cases were taken down and desks were altered and repaired and placed where directed. Storm-door at entrance, also necessary railing and steps leading to same was furnished and erected as directed. Inside and outside of storm-door was painted and shellaced walls and ceilings of President's room and adjoining two rooms were washed off, ceilings prepared and calcimined and walls papered. Partitions were shellaced and varnished three coats.

PRESIDENT, BOARD OF PUBLIC IMPROVEMENTS.

One Kinsman electric light with the necessary wiring, etc., complete, was furnished and put up as directed. One toilet cabinet and a supply of clean towels weekly was furnished.

DEPARTMENT OF STREET CLEANING.

One 9 by 12 Smyrna rug and about 12 yards of linoleum was furnished and laid.

DEPARTMENT OF BRIDGES.

One cocon mat 2 by 4 was furnished.

DEPARTMENT OF SEWERS.

Safe at No. 150 Nassau street was removed to present office, Nos. 13 to 21 Park row and at No. 72 Elm street. Awnings on windows of above Department were taken down and stored for winter season.

DEPARTMENT OF WATER SUPPLY.

The books, stationery, records, furniture, etc., of Bureau of Water Register were removed from previous to present offices. One 5-foot roll-top desk, one revolving chair and three large steel document file cases were furnished. About 219 feet of iron railing 3 1/2-inch No. 14 flat 2-inch mesh with scroll border, pickets on top, all furnished in gold bronze, was furnished and put up, as directed. About 42 yards of best quality Higgelow Brussels carpet, together with necessary paper lining, was furnished and laid in office of Commissioner.

DEPARTMENT OF HIGHWAYS.

An iron railing 8 by 6 feet with handhole, scroll border and pickets on top and an iron railing 6 by 3 feet 6 inches with gate lock hinges, etc., together with polished oak top rail, was furnished and put up as directed. The above railing was made of 3/4-inch No. 14 flat 2-inch mesh and furnished in gold bronze.

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES.

A supply of rubber stamps, printed forms, blank books, etc., were furnished.

Commissioner's Office—One revolving bookcase furnished.

Deputy Commissioner's Office—One toilet cabinet, with a supply of clean towels weekly, were furnished.

General Office—One 4-foot standing-desk, with rail, 12 large documentary files, and six extra large documentary files were furnished. Typewriter in above office was overhauled, repaired and put in first-class order.

Electrical Bureau—Three toilet cabinets, with a supply of clean towels weekly; 1 5-foot roll-top desk, 1 Quinlan stop-watch, and 1 Bates 5-wheel numbering machine furnished; 1 fire-proof safe, 32 by 40 inches by 16 inches, inside measurements, with inside doors, and interior divided as directed, was also furnished.

Bureau of Assistant Engineer—One hundred prints of maps and prints, 1 Hyde's map of Borough of Queens, 1 Hyde's atlas of Borough of Brooklyn (3 volumes), and 1 set of final maps, Twenty-third and Twenty-fourth Wards, 150 feet to the inch, mounted and bound in atlas form, furnished.

Bureau of Meter Tests—Elevator in above Bureau was overhauled, repaired and put in first-class working order; about 1,200 meter seals were furnished.

Bureau of Repairs and Supplies—A supply of coal and wood for heating, etc., and a supply of ice, sponges, soap, brooms, pails, dusters, maps, brushes, etc., were furnished to the different public buildings, courts and offices in the care of this Department. The order for use of horse and wagon was renewed, and orders for replacing worn and defective parts of Welsbach lights in the different public buildings, courts and offices also renewed.

Among the many items of repairs made not otherwise specially referred to are plumbing, steam-fitting, gas-fitting, masonry, plastering, painting, carpentering, glazing, electrical work, cabinetwork, ironwork, tinwork, cleaning and laying carpets, etc., and for the use of Mechanics in the employ of this Department a supply of lumber, hardware, paints, varnishes, hair-felt, canvas, etc., were furnished. One Hammond typewriter and one roll-top typewriter desk furnished.

FREE FLOATING BATHS.

The baths are now stored in winter quarters and such repairs as could be made by employees at this season were made. All the necessary lumber, hardware, etc., was furnished. A supply of coal and wood also furnished.

The following is a comparative statement of the number of bathers during the past three bathing seasons:

	1899.	1898.	1897.
Male.....	2,044,160	1,795,485	3,038,001
Female.....	938,017	1,391,388	1,461,318
Total.....	2,982,177	3,186,873	4,499,319

BOROUGH OF THE BRONX.

MUNICIPAL BUILDING.

The usual Janitors and Engineer's supplies including machinery oil were furnished.

Awnings on windows of above building were taken down and stored during the winter season. One metallic oil tank, 60 gallons, 2 No. 3 coal scoops, 1 cross cut saw, 15 dozen saw files, 1 gauge glass-cutter and 6 galvanized iron ash cans furnished.

Second District Municipal Court—A supply of law books for use of above Court were furnished. The sewer in above building was entirely overhauled, new material replacing old and defective material and same was left in perfect condition.

Department of Buildings—Awnings on windows of above Department were taken down and stored during winter season.

Coroner's Office—Awnings on windows of above office were taken down and stored during winter season.

Receiver of Taxes—Window guards of No. 10 wire 1 1/4 inches mesh with channel iron frame properly screwed to hanging stiles, all finished in aluminum bronze, were furnished and placed on 10 windows of bill room of above Department. An iron gate, 7 by 3, made of 3/4-inch round iron, 2 inches on centre, with necessary cross-bars properly hung, together with necessary lock, hinges, etc., all finished in aluminum bronze, was furnished and placed in book vault, and at stairs leading from first floor to bill room a wrought-iron gate made of 3/4-inch round iron, 4-inch on necessary cross-bars, surmounted by a scroll border properly hung, together with necessary lock, hinges, etc., all finished in gold bronze, was furnished.

Deputy Collector of Assessments and Arrears—Two 6 by 3 feet polished oak tables and one walnut pedestal double desk furnished.

President, Borough of The Bronx—One No. 7 Remington typewriter and one toilet cabinet with a supply of clean towels weekly, furnished.

BOARD OF PUBLIC IMPROVEMENTS.

Branch Office, 78 White Plains avenue—Two No. 16 Red Cloud stoves with necessary pipe, fittings, etc., complete, were furnished and put up.

DEPARTMENT OF HIGHWAYS.

Cottage, One Hundred and Seventy-seventh street and Third avenue—One No. 11 Senate stove with necessary pipes, fittings, etc., complete, furnished and put up.

Branch, Park avenue and One Hundred and Seventy-eighth street—One No. 11 Senate stove with necessary pipe, fittings, etc., complete, furnished and put up.

Branch, White Plains avenue, near Elizabeth street—One No. 11 Senate stove with necessary pipe fittings, etc., complete, furnished and put up.

Branch, White Plains avenue, near Juliana street—A new sewer connecting toilet rooms, urinals, etc., with main sewer, was furnished and put in. All necessary excavations were made and material of best quality was used. Also after necessary excavation a new brick catch-basin, wash out, closet, cisterns, pipe, etc., was furnished and put in as directed.

DEPARTMENT OF SEWERS.

Safe in above Department was repaired, lock oiled, bolts cleaned and safe painted and moved as directed. About 90 linear feet of two-sided partition (quartered-oak and glass) was filled, shellaced, varnished and rubbed down to a polish finish.

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES.

An order for use of horse and carriage was given, and bicycle overhauled and repaired.

Coal and wood for heating, etc., and brooms, mops, soap, pails, brushes, dusters, etc., for cleaning, were furnished for use at the different public buildings, Courts and offices in care of this Department. Repairs not otherwise specially referred to were made to the carpentering, painting, plumbing, ironwork, glazing, etc., of the several public buildings in the Borough of The Bronx, in the care of this Department.

In concluding this fourth quarterly report for the year 1899, I desire to call attention to the great volume of labor and amount of expense unexpectedly entailed on the Department during the year, caused by the removal of the offices of the following Departments to the Park Row Building, namely, Department of Bridges, Department of Sewers, Department of Street Cleaning, Department of Water Supply, Department of Highways, Department of Public Buildings, Lighting and Supplies, Department of Public Improvements, and Bureau of Municipal Statistics.

Temporary offices were furnished for the Building Code Commission in same building. The Department of Health was removed from the Criminal Court Building to the building at Fifty-fifth street and Sixth avenue, in which many alterations and repairs were found necessary to make, entailing an expense of about \$25,000, also a downtown vaccine station was fitted up and furnished for the Department of Health at No. 70 Elm street at a cost of about \$3,500.

The Appellate Division of the Supreme Court was moved from the Eighteenth Street and Fifth Avenue Building to the new Court-house at Twenty-fifth street and Madison avenue.

There was also an additional expense incurred by the operation of the recently-enacted Labor Law, which necessitated the appointment of fifteen additional Bath Attendants for ninety days, amounting to about \$3,500.

The cost of making the removals, repairs, alterations and the additional appointments as heretofore enumerated amounts to about \$60,000, which was not considered in my estimate for the maintenance of this Bureau for the year 1899, in consequence of which many needed repairs and improvements to the Public Buildings, more especially the Criminal Court Building and County Court-house, had to be postponed until 1900, when I trust the same will be attended to.

Respectfully submitted,

BARTHOLOMEW DONOVAN, Superintendent, Repairs and Supplies.

DOCUMENT "D."

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
BUREAU OF LAMPS AND GAS,
NOS. 13 TO 21 PARK ROW,
NEW YORK, March 2, 1900.

Hon. HENRY S. KEARNY, Commissioner, Department of Public Buildings, Lighting and Supplies:

DEAR Sir:—I herein submit a report of the transactions of the Bureau of Lamps and Gas for the boroughs of Manhattan and The Bronx for the quarter ending December 31, 1899, with a summary of the same for the entire year.

In Exhibit "A" will be found a statement showing the amounts expended on vouchers for a supply of illuminating gas, etc., to the various public markets, court-rooms, offices, armories, etc., and for the fitting up, lighting and maintenance of the public lamps for each of the four quarters of the year, and the same total for the whole year.

This statement does not include the cost of lighting the public lamps and supply of gas to public offices, etc., for the first five months of the year, for the reason that contracts for the public lighting were not executed until May 22, and hence the bills of the various lighting companies could not be settled, but the amounts are included in the list of liabilities.

Exhibit "B" is a summary of the appropriation for "Lamps and Lighting," and this shows an expenditure during the quarter of seven hundred and eleven thousand four hundred and fifty-six dollars and eighteen cents (\$711,456.18), and for the year of eight hundred and two thousand two hundred and nineteen dollars and twenty-seven cents (\$802,219.27), with outstanding liabilities amounting to four hundred and eighty-eight thousand eight hundred and eighty-two dollars and seven cents (\$488,882.07), leaving a balance of forty-nine thousand, one hundred and thirty-four dollars and sixty-six cents (\$49,134.66), of which forty-four thousand dollars (\$44,000) have been transferred to the account of "Salaries of Deputies, Clerks, etc.," leaving a surplus balance of five thousand, one hundred and thirty-four dollars and sixty-six cents (\$5,134.66).

Exhibit "C" is a summary of the Lamp Account, showing the number of new lamps lighted, old lamps relighted and lamps discontinued, by each gas and electric company during the quarter and the year: 159 new gas lamps, 10 new naphtha lamps and 19 new electric lamps lighted; 71 gas lamps relighted, 74 gas lamps and 8 naphtha lamps discontinued during the quarter; and 473 new gas lamps; 195 new naphtha lamps, 52 Welsbach naphtha lamps and 137 new electric lamps have been lighted; 182 gas lamps relighted, and 436 gas lamps and 27 naphtha lamps have been discontinued during the year. The total number of lamps lighted on December 31, 1899, was 35,213 gas, 1,584 ordinary naphtha lamps, 449 Welsbach naphtha lamps and 4,461 electric lamps, making a total of 31,706 lamps.

Exhibit "D" is a statement showing the average illuminating power of the gases supplied in the Borough of Manhattan during the quarter and year.

Exhibit "E" is a time-table for lighting and extinguishing the public lamps during the year.

The following statement will show the number of gas lamps fitted up, lamp-posts removed, reset, straightened, etc., during the year:

BY WHAT COMPANY.	New Lamps Fitted up	Lamp posts Removed	Lamp posts Reset	Lamp posts Straightened	Columns Relined	Columns Relined	Service Pipes Relined	Stand Pipes Relined
Consolidated Gas Company—								
Branch 1.....	1	27	72	348	45	510	55	38
Branch 2.....	2	32	18	141	6	119	49	28
Branch 3.....	1	35	15	220	7	73	45	47
Branch 4.....	4	44	19	955	14	137	4	3
Branch 5.....	14	38	143	465	10	84	110	97
New Amsterdam Gas Company.....	3	35	32	965	45	394	67	120
Standard Gas Company—								
Madison Square Branch.....	1	1	11	273	1	24	1	2
Harlem Branch.....	3	4	28	473	3	116	—	4
Central Union Gas Company.....	119	115	54	39	—	3	43	—
Northern Union Gas Company.....	114	97	113	497	—	34	—	—
Yonkers Gas-light Company.....	—	29	34	47	—	—	—	—
*New York and New Jersey Globe Gas-light Company.....	900	—	—	—	—	—	—	—
*Welsbach Street-lighting Company.....	12	—	—	—	—	—	—	—
Totals.....	100	251	700	4,146	112	1,440	374	327

* Naphtha lamps.

† Welsbach naphtha lamps.

The following table will show the number of new lamps lighted by the several gas companies and electric light companies in the years 1896 and 1899:

BY WHAT COMPANY.	New Lamps Lighted in	
	1896.	1899.
Consolidated Gas Company—		
Branch 1.....	1	3
Branch 2.....	1	10
Branch 3.....	2	3
Branch 4.....	41	6
Branch 5.....	156	54
*New Amsterdam Gas Company.....	9	3
Standard Gas-light Company—		
Madison Avenue Branch.....	11	2
Harlem Branch.....	1	1
Central Union Gas Company.....	91	193
Northern Union Gas Company.....	86	134
†New York and New Jersey Globe Gas-light Company.....	621	192
†Welsbach Street-lighting Company of America.....	387	64
Brush Electric Illuminating Company.....	9	16
Mount Morris Electric-light Company.....	9	99
North River Electric-light and Power Company.....	54	18
Bronx Gas and Electric Company.....	74	3
Pelham Electric-light and Power Company.....	31	—
Eastchester Electric Company.....	—	—
Totals.....	1,781	806

* To 1897 and 1898 this was Equitable Gas-light Company.

† Naphtha lamps.

‡ Welsbach naphtha lamps.

The following table will show the average number of lamps lighted in the boroughs of Manhattan and The Bronx for the years 1897, 1898 and 1899:

BY WHAT COMPANY.	AVERAGE NUMBER OF LAMPS LIGHTED IN		
	1897.	1898.	1899.
Consolidated Gas Company—			
Branch 1.....	9,913	9,095	9,903
Branch 2.....	1,406	1,013	1,625
Branch 3.....	1,119	1,154	1,089
Branch 4.....	3,294	3,537	3,423
Branch 5.....	6,293	6,689	6,607
New Amsterdam Gas Company.....	3,700	3,472	3,424
Standard Gas-light Company—			
Madison Square Branch.....	896	693	648
Harlem Branch.....	1,259	1,255	1,260
Central Union Gas Company.....	1,294	1,399	1,293
Northern Union Gas Company.....	2,622	2,710	2,844
Yonkers Gas-light Company.....	734	748	738
*New York and New Jersey Globe Gas-light Company, Limited.....	1,444	1,319	1,382
*Welsbach Street-lighting Company of America.....	—	138	477
Brush Electric Illuminating Company.....	937	864	809
Edison Electric Illuminating Company.....	983	110	111
Harlem Lighting Company.....	83	85	88
Manhattan Electric-light Company.....	707	721	721
Mount Morris Electric-light Company.....	451	512	590
North River Electric-light and Power Company.....	914	941	972
Pelham Electric-light and Power Company.....	8	88	86
Bronx Gas and Electric Company.....	495	519	571
Eastchester Electric Company.....	63	89	69
Totals.....	35,208	36,384	37,477

* Naphtha lamps.

New gas-mains have been laid by the several gas companies during the year as follows:

By what Company.	Linear Feet.
Consolidated Gas Company.....	38,226
New York Mutual Gas-light Company.....	734
New Amsterdam Gas Company.....	22,177
Standard Gas-light Company.....	9,240
*Central Union Gas Company.....	30,838
*Northern Union Gas Company.....	10,700
*Yonkers Gas-light Company.....	—
*Bronx Gas and Electric Company.....	9,713
Totals.....	121,628
	or 25,123 miles.
The Consolidated Gas Company has taken up.....	26,761
The Consolidated Gas Company has disused.....	10,889
The New York Mutual Gas Company has taken up.....	580
The Equitable (now New Amsterdam Gas Company) has disused.....	25,168.9
Totals.....	63,398.9
*The Central Union Gas Company has taken up.....	3,475
*The Central Union Gas Company has disused.....	13,604
*The Northern Union Gas Company has disused.....	1,000
*The Yonkers Gas-light Company has taken up.....	639
Totals.....	18,418

*In Borough of The Bronx.

The total number of miles of gas-mains in use in the Boroughs of Manhattan and The Bronx on December 31, 1899, were as follows:

BY WHAT COMPANY.	MILES.	FEET.
Consolidated Gas Company.....	830	1,740
New York Mutual Gas-light Company.....	135	3,050
New Amsterdam Gas Company.....	418	1,703
Standard Gas-light Company.....	228	1,453
*Central Union Gas Company.....	79	3,897
*Northern Union Gas Company.....	44	4,464
*Yonkers Gas-light Company.....	90	4,637
*Bronx Gas and Electric Company.....	14	4,754
Totals.....	1,610	2,533

*In Borough of The Bronx.

Of which 1448 $\frac{1}{2}$ miles are in the Borough of Manhattan and 1610 $\frac{1}{2}$ miles are in the Borough of the Bronx.

The following additional streets have been lighted by gas during the year:

In Borough of Manhattan—
Audubon avenue, from One Hundred and Sixty-eighth to One Hundred and Sixty-ninth street.
Audubon avenue, from One Hundred and Seventy-first to One Hundred and Seventy-third street.
Audubon avenue, from One Hundred and Eighty-fourth to One Hundred and Eighty-fifth street.
Riverside drive, east side, from Eighty-second to Eighty-third street.
Riverside drive, east side, from Eighty-seventh to Eighty-eighth street.
Riverside drive, east side, from One Hundred and Tenth to One Hundred and Thirteenth street.
Riverside drive, east side, from One Hundred and Fifteenth to One Hundred and Sixteenth street.
Sylvan court.
One Hundred and Eleventh street, from Amsterdam avenue to Boulevard.
One Hundred and Eighteenth street, from Amsterdam to Morningside avenue.
One Hundred and Twenty-ninth street, from Manhattan street to North river.
One Hundred and Thirty-ninth street, from Amsterdam to Convent avenue.
One Hundred and Ninetieth street, from Amsterdam to Audubon avenue.

In Borough of The Bronx—

Batavia street, from Intervale avenue to One Hundred and Sixty-sixth street.
 Beach avenue, from One Hundred and Forty-ninth to One Hundred and Fifty-second street.
 Brook avenue, from One Hundred and Sixty-sixth to One Hundred and Sixty-eighth street.
 Brook avenue, from Wendover avenue to 300 feet south of One Hundred and Seventy-first street.
 Cauldwell avenue, from One Hundred and Fifty-eighth to One Hundred and Sixtieth street.
 Cedar place, from Cauldwell to Trinity avenue.
 Clinton avenue, from Crotona Park to One Hundred and Sixty-ninth street.
 Clinton avenue, from One Hundred and Eightieth to One Hundred and Eighty-second street.
 College avenue, from One Hundred and Sixty-third to One Hundred and Sixty-fourth street.
 Crotona avenue, from Jefferson street to Crotona Park, South.
 Decatur avenue, from Woodlawn road to Two Hundred and Seventh street.
 Elliott avenue, from Olin avenue to 200 feet south of Elizabeth street.
 Hunt's Point road, from Spofford to Lafayette avenue.
 Hall avenue, from Scott avenue to Two Hundred and Seventh street.
 Jackson avenue, from One Hundred and Fifty-sixth to One Hundred and Sixtieth street.
 Jackson avenue, from One Hundred and Sixtieth to One Hundred and Sixty-first street.
 Leggett avenue, from Dawson to Kelly street.
 Longfellow street, from Freeman to Jennings street.
 Kossuth avenue, from Byron to Catharine street.
 Marion avenue, from Travers street to Southern Boulevard.
 Macy place, from Prospect avenue to Hewitt street.
 Nelson avenue, from Union to Birch street.
 Nelson avenue, from One Hundred and Sixty-fourth to One Hundred and Sixty-fifth street.
 Parkside place, from Webster avenue to Two Hundred and Seventh street.
 Stebbins avenue, from Westchester avenue to One Hundred and Sixty-fifth street.
 Stebbins avenue, from Freeman street to 100 feet north of One Hundred and Seventieth street.
 Stebbins avenue, from One Hundred and Sixty-ninth to Freeman street.
 Trinity avenue, from One Hundred and Fifty-eighth to One Hundred and Sixtieth street.
 Wilkins place, from Freeman to One Hundred and Seventieth street.
 Fifth street, from Park avenue to White Plains road.
 Sixth street, from Fourth avenue to White Plains road.
 One Hundred and Fifty-sixth street, from Cauldwell to Trinity avenue.
 One Hundred and Fifty-eighth street, from River to Walton avenue.
 One Hundred and Sixty-third street, from St. Ann's to Stebbins avenue.
 Two Hundred and Fifth street, from Webster to Scott avenue.
 Two Hundred and Seventh street, from Decatur avenue to Parkside place.
 Washington Bridge Park, lighted by naphtha lamps.
 The following additional streets have been lighted by electric lamps during the year:
 Sixtieth street, from Central Park, West, to Columbus avenue.
 Seventieth street, from Central Park, West, to Columbus avenue.
 Seventy-second street, from Central Park, West, to Riverside drive.
 Seventy-fourth street, from West End avenue to Riverside drive.
 Seventy-sixth street, from Central Park, West, to Columbus avenue.
 Seventy-seventh street, from Central Park, West, to Columbus avenue.
 Seventy-eighth street, from West End avenue to Riverside drive.
 Eighty-third street, from Central Park, West, to Columbus avenue.
 One Hundred and Fourth street, from Amsterdam to Columbus avenue.
 Central Park, West, from Seventy-second to Seventy-sixth street.
 The above streets were formerly lighted by gas.
 The Harlem River Driveway, from One Hundred and Fifty-fifth to Dyckman street, was lighted by electric lamps.

The total aggregate length of streets lighted by gas in 1899 in the Borough of Manhattan was 3,888 miles; the aggregate length of additional streets lighted by gas in the Borough of The Bronx was 3,111 miles; the aggregate length of additional streets lighted by electric lamps in the Borough of Manhattan, formerly lighted by gas, was 3,333 miles; the aggregate length of additional streets lighted by electric lamps in the Borough of The Bronx was 3 1/2 miles, and 8 1/2-100 acres in Washington Bridge Park, making a total aggregate addition of new lamps lighted during the year of 5,111 miles and 10 acres of parks. The total aggregate length of streets lighted on December 31, 1899, was 6,677 miles. The total aggregate length of bridges was 2,333 miles. The total aggregate length of piers was 3,220 feet. The total aggregate area of parks lighted was 112 1/2 acres in the Borough of Manhattan, and 237 acres in the Borough of The Bronx. The total aggregate area of Gansevoort Market square was 3 1/2 acres. The total aggregate length of streets lighted by electric lamps in the Borough of Manhattan is 11,511 miles, and in the Borough of The Bronx 90,333 miles.

All the Public Parks in the Borough of Manhattan are lighted by electric lamps excepting Central Park, which is partially lighted by naphtha lamps, and excepting Morningside Park, which is partially lighted by naphtha lamps, and excepting East River Park, South, which is not lighted.

The following statement shows the average amount of impurities found in the gases of such of the companies as have gas-mains on the line of our photometric stations, as determined by the analyses made by Dr. E. G. Love, our Gas Examiner, in the laboratories of the Bureau.

OF WHAT COMPANY.	SULPHUR (GRAINS IN 100 CUBIC FEET).				AMMONIA (GRAINS IN 100 CUBIC FEET).				SULPHURED HYDROGEN.
	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	
Consolidated Gas Company—									
Twenty-first Street Station.....	9.18	7.10	8.41	9.75	0.40	0.40	0.52	0.68	Trace.
Fourteenth and Eighteenth Street Stations.....	17.04	14.02	16.18	17.18	1.60	1.22	1.32	0.19	
Forty-fourth Street Station.....	8.07	7.02	9.60	6.81	0.30	0.21	0.30	0.05	
Forty-second Street Station.....	17.84	16.14	16.10	6.88	1.89	1.48	1.20	0.52	
Ninety-ninth Street Station.....	7.14	6.08	7.54	6.71	0.30	0.20	0.31	0.18	Trace.
New York Mutual Gas-light Company.....	8.61	7.66	7.40	7.71	0.48	0.14	0.16	0.04	
New Amsterdam Gas Company.....	3.26	6.05	7.68	1.16	0.26	0.19	0.16	0.10	
Standard Gas-light Company.....	6.24	9.00	6.14	7.91	0.44	0.26	0.28	0.08	
East River Gas Company.....	7.98	7.24	7.71	4.81	0.26	0.20	0.19	0.08	

The following statement shows the specific gravity of the gases:

OF WHAT COMPANY.	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	FOURTH QUARTER.
Consolidated Gas Company—				
Twenty-first Street Station.....	.657	.648	.644	.640
Fourteenth and Eighteenth Street Stations.....	.636	.650	.639	.670
Forty-fourth Street Station.....	.694	.682	.635	.668
Forty-second Street Station.....	.694	.646	.646	.644
Ninety-ninth Street Station.....	.665	.649	.647	.650
New York Mutual Gas-light Company.....	.722	.714	.677	.660
New Amsterdam Gas Company.....	.696	.661	.673	.670
Standard Gas-light Company.....	.661	.649	.664	.654
East River Gas Company.....	.686	.679	.663	.678

The following statement will show the average maximum and minimum pressure on the mains of such gas companies as connect with our photometric stations, as recorded on the pressure registers, the average being made for the time during which the public lamps are required to be kept lighted.

OF WHAT COMPANY.	AVERAGE MAXIMUM PRESSURE.				AVERAGE MINIMUM PRESSURE.			
	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.
Consolidated Gas Company—								
Twenty-first Street Station.....	2.37	2.19	2.43	2.03	2.06	2.02	1.77	1.96
Fourteenth and Eighteenth Street Stations.....	2.71	2.54	2.72	2.19	2.56	2.09	1.09	2.06
Forty-fourth Street Station.....	4.44	4.19	4.19	2.46	2.77	2.73	2.79	2.72
Forty-second Street Station.....	2.16	2.06	2.81	2.00	2.73	2.94	2.19	2.06
Ninety-ninth Street Station.....	2.27	2.05	2.10	2.31	2.83	1.63	2.00	2.01
New York Mutual Gas-light Company.....	2.88	4.11	4.02	3.38	3.91	3.94	3.31	3.16
New Amsterdam Gas Company—								
Equitable Branch.....	2.69	2.50	2.45	2.57	2.02	2.01	1.77	1.53
East River Branch.....	2.76	2.53	2.91	2.47	2.43	2.19	1.81	2.03
Standard Gas-light Company.....	2.63	1.87	2.54	1.90	1.70	1.37	2.19	1.83

The franchise of the Equitable Gas-light Company (absorbed by the New Amsterdam Gas Company), as fixed by the Gas Commission, requires this company to pay to the City at the rate of 20 cents for each linear foot of gas mains laid by it. It is also required to light the public street lamps situated on the lines of its mains at a rate not to exceed \$12 per year for each lamp, and it is required to submit a bid whenever the City authorities ask for proposals for lighting public lamps.

The Standard Gas-light Company is required by its franchise (chapter 248 of the State Laws of 1886) to light the public lamps on the lines of its mains at a rate not to exceed \$12.50 per year for each lamp lighted, 3,833 1/2 hours, but as the New York City Gas Code (Manhattan and The Bronx) has a total of 4,000 hours per year the Company makes a charge of \$13.04 1/2 per year for each lamp, this being the pro rata rate.

The East River Gas Company (also absorbed by the New Amsterdam Gas Company) is required by its franchise (chapter 338 of the Laws of 1892) to pay annually into the City treasury three per centum of its gross receipts from gas furnished by it to private and public buildings in The City of New York.

The gas manufactured by the Consolidated Gas Company is manufactured at 6 stations, viz.: Fourteenth Street Station (formerly Manhattan Gas-light Company), located at Fourteenth street and Avenue C, manufactures coal gas.

Eighteenth Street Station (formerly Manhattan Gas-light Company), located at Eighteenth street and Tenth avenue, manufactures coal gas.

Twenty-first Street Station (formerly New York Gas Company), located at Avenue A and Twenty-first street, manufactures water gas.

Forty-second Street Station (formerly Metropolitan Gas-light Company), located at Forty-second street, North river, manufactures coal gas.

Forty-fourth Street Station (formerly Municipal Gas-light Company), located at Forty-fourth street, North river, manufactures water gas.

Ninety-ninth Street Station (formerly Knickerbocker Gas-light Company), located at Ninety-ninth street, East river, manufactures water gas.

One Hundred and Eleventh Street Station (formerly Harlem Gas-light Company), located at One Hundred and Eleventh street, East river, does not manufacture gas.

The capacity of the several gas works of the Consolidated Gas Company is 35,000,000 cubic feet per day.

The New York Mutual Gas-light Company has mains in various streets in the Borough of Manhattan, between Battery place and Sixty-fifth street, but it does not light any of the public lamps. It manufactures water gas at its works at Eleventh street, East river, and the capacity of its works is 6,000,000 cubic feet per day.

The Equitable Gas-light Company (absorbed by the New Amsterdam Gas Company) has mains in various streets of the Borough of Manhattan, between Division street and Eighty-eighth street, and it lights the public lamps on the lines of its mains. Its works are at Forty-fourth street, East river. It manufactures water gas, and the capacity of its works is 6,000,000 cubic feet per day.

The Standard Gas-light Company has mains in various streets in the Borough of Manhattan, between Thirteenth street and One Hundred and Thirty-eighth street. It has also a main under the Harlem river, from Second avenue to Lincoln avenue, and in a few streets in the Twenty-third Ward, Borough of The Bronx. The works of the company are at One Hundred and Fifteenth street, East river. They manufacture water gas, and the capacity of its works is 5,500,000 cubic feet per day.

The East River Gas Company (also absorbed by the New Amsterdam Gas Company) has mains in various streets of the Borough of Manhattan, between Brecker street and One Hundred and Thirty-sixth street, but it does not light any public lamps. The gas works are located in the former Long Island City (Borough of Queens) and supplies gas in the Borough of Manhattan through mains laid in a tunnel under the East river. It manufactures water gas and the capacity of its works is 6,000,000 cubic feet per day.

The New Amsterdam Gas Company was incorporated under Article VI. of the Corporation Transportation Law (chapter 566 of the Laws of 1890). This company has absorbed the Equitable and East River Gas companies.

The Central Union Gas Company supplies gas to and lights the public lamps in the Twenty-third Ward (Borough of The Bronx). It manufactures coal and water gas at its works at One Hundred and Thirty-eighth street, East river, and the capacity of its works is 2,000,000 cubic feet per day.

The Northern Union Gas Company supplies gas to and lights the public lamps in a part of the Twenty-fourth Ward (Borough of The Bronx). It manufactures coal and water gas at its works on the Bronx river, and the capacity of its works is 1,000,000 cubic feet per day.

The Yonkers Gas-light Company has mains in and lights the public lamps and supplies gas to that part of the Twenty-fourth Ward formerly the Town of Kingsbridge, now in the Borough of The Bronx. Its gas-works are in the City of Yonkers, Westchester County, and it manufactures water gas. This company is leased to the United Gas Improvement Company and its business is confined principally to the City of Yonkers.

The Bronx Gas and Electric Company has mains in a few streets in the former Town of Westchester, Borough of The Bronx, but it does not light any gas lamps. Its office and works are at Unionport, Westchester.

The New York and New Jersey Gas-light Company furnishes and lights 279 lamps in the Borough of Manhattan, and 1,394 lamps in the Borough of The Bronx, a total of 1,673 lamps. These lamps are lighted by means of naphtha contained in a reservoir attached to the lantern. The company furnishes and maintains the lamp-posts and lanterns.

The Welsbach Street Lighting Company of America furnishes and lights 449 Welsbach naphtha lamps, of which 433 are in Central Park, 8 in Riverside drive and 8 in West One Hundred and Twenty-second street. These lamps are lighted by means of naphtha contained in a reservoir attached to the lantern. The company furnishes and maintains the lamp-posts, lanterns, Welsbach burners and mantles.

The breakage of glass in the public lamps of this City is carried on to a very serious extent. 119,726 lights of glass, and 3,088 globes have been broken in the boroughs of Manhattan and The Bronx during the past year. Lamp-lighters have very frequently found lamps broken when extinguishing the lamps, have replaced them during the day and then found them broken at lighting time. Of course, under this condition of affairs, the lights are extinguished by the winds and then complaints are received because the lamps are not found lighted, thereby causing serious annoyance, and this Bureau has no power to remedy the matter.

The following statement will show the number of extinguishments of electric lights during the year as reported by the police:

Expenditures of Electric-lamps during the Year 1899, as Reported by the Police, and the Amounts Deducted from the Monthly Bills of the Electric Companies.

Month in	HIGH ELECTRIC LIGHTING COMPANY.		ELECTRIC LIGHTING COMPANY.		HARLEM LIGHTING COMPANY.		MANHATTAN ELECTRIC LIGHT COMPANY.		MIDTOWN ELECTRIC LIGHT COMPANY.		NORTH RIVER ELECTRIC LIGHT AND POWER COMPANY.		BROOKLYN GAS AND ELECTRIC COMPANY.		PELICAN ELECTRIC LIGHT AND POWER COMPANY.		EASTCHURCH ELECTRIC COMPANY.	
	Average Number of Lamps, 314.		Average Number of Lamps, 441.		Average Number of Lamps, 314.		Average Number of Lamps, 314.		Average Number of Lamps, 314.		Average Number of Lamps, 314.		Average Number of Lamps, 314.		Average Number of Lamps, 314.		Average Number of Lamps, 314.	
	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.	Number of Extinguishments.	Amount Deducted.
January	32	\$42.12	42	\$4.00	3	\$1.00	37	\$45.80	110	\$14.80	28	\$44.00	31	\$7.19	—	—	—	—
February	47	10.32	5	2.50	—	—	37	25.80	130	31.40	310	101.32	126	41.35	—	—	—	—
March	38	15.30	11	4.00	3	4.00	56	43.50	304	41.80	178	81.00	3	1.71	—	—	—	—
April	41	9.00	2	1.00	4	8.00	21	13.50	73	30.00	137	24.25	—	—	2	85.50	—	—
May	5	5.40	1	2.00	1	0.00	7	2.50	104	40.30	37	23.05	—	—	—	—	—	—
June	49	10.50	3	2.00	—	—	24	1.10	445	178.00	28	36.00	—	—	—	—	212	\$41.00
July	90	25.50	4	1.70	12	1.00	37	0.50	281	100.40	26	31.70	—	—	—	—	—	—
August	35	13.30	8	2.00	6	2.40	26	11.20	310	104.00	91	30.93	—	—	—	—	—	—
September	75	20.10	2	0.00	2	0.00	20	14.40	214	30.40	61	36.80	—	—	—	—	48	0.00
October	54	24.70	20	4.40	12	—	73	30.00	33	21.20	231	101.91	—	—	—	—	—	—
November	108	32.40	16	4.00	—	—	50	14.50	112	54.20	289	100.80	1	24	—	—	—	—
December	100	40.00	18	10.00	—	—	470	100.00	32	14.00	313	105.25	—	—	44	13.00	73	1.00
Total	775	\$294.72	99	\$40.00	20	\$7.00	720	\$200.00	2,074	\$374.10	1,060	\$319.75	151	\$100.39	47	\$14.00	290	\$48.00

Yours respectfully,

S. McDERMICK, Superintendent of Lamps and Gas.

EXHIBIT "A."

Statement showing the amounts of vouchers drawn for gas to the various public markets, schools, armories, etc., and for fitting up, repairing, lighting, etc., the public lamps for the first, second, third and fourth quarters for the year 1899, with the totals for the whole year.

	First Quarter, ending March 31.	Second Quarter, ending June 30.	Third Quarter, ending September 30.	Fourth Quarter, ending December 31.	Total.
Washington Market	—	—	—	\$42.22	\$42.22
Catharine Church Market	—	—	—	27.30	27.30
Calderon Hall Market	—	—	—	14.50	14.50
Fulton Hall Market	—	—	—	10.70	10.70
Fulton County Market	—	—	—	94.75	94.75
Union Market	—	—	—	70.30	70.30
Union Market	—	—	—	114.33	114.33
Union Market	—	—	—	10.00	10.00
Union Market	—	—	—	40.34	40.34
Johnston Market	—	—	—	80.00	80.00
First District Municipal Court	—	—	—	12.10	12.10
Second District Municipal Court	—	—	—	12.10	12.10
Fourth District Municipal Court	—	—	—	3.31	3.31
Fifth District Municipal Court	—	—	—	28.31	28.31
Sixth District Municipal Court	—	—	—	40.80	40.80
Seventh District Municipal Court	—	—	—	31.00	31.00
Eighth District Municipal Court	—	—	—	5.00	5.00
Ninth District Municipal Court	—	—	—	47	47
Second District City Magistrate's Court	—	—	—	43	43
Third District City Magistrate's Court	—	—	—	33.41	33.41
Fourth District City Magistrate's Court	—	—	—	81.00	81.00
Fifth District City Magistrate's Court	—	—	—	40.21	40.21
Sixth District City Magistrate's Court	—	—	—	3.31	3.31
Seventh District City Magistrate's Court	—	—	—	20.00	20.00
See Court House	—	—	—	1,100.00	1,100.00
Clerks' Court Building	—	—	—	200.00	200.00
Business Building	—	—	—	400.00	400.00
Robert Clark Building	—	—	—	175.00	175.00
City Hall	—	—	—	474.00	474.00
City Hall (rent)	500.00	504.00	424.00	675.00	2,103.00
County Jail	—	—	—	420.00	420.00
Surrogate Court	—	—	—	1.00	1.00
Police Academy—Stromberg	—	—	—	30.00	30.00
Examining Board of Firemen	—	—	—	1.00	1.00
City Record (bookbinding)	—	—	—	0.00	0.00
City Recorder (rent)	—	—	—	140.00	140.00
City Recorder (electric)	—	—	—	200.00	200.00
Pipe Yard, Bingham Street	—	—	—	2.00	2.00
Department of Highway Trol. Bus, No. 101	—	—	—	10.00	10.00
Department of Highway Trol. Bus, No. 102	—	—	—	4.00	4.00
Department of Highway Trol. Bus, No. 103	—	—	—	20.00	20.00
Department of Highway Trol. Bus, No. 104	—	—	—	0.00	0.00
Department of Water Supply, Repair Shop, No. 105	—	—	—	40.00	40.00
Department of Water Supply, Repair Shop, No. 106	—	—	—	30.00	30.00
Department of Water Supply, Repair Shop, No. 107	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 108	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 109	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 110	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 111	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 112	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 113	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 114	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 115	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 116	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 117	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 118	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 119	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 120	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 121	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 122	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 123	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 124	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 125	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 126	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 127	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 128	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 129	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 130	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 131	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 132	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 133	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 134	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 135	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 136	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 137	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 138	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 139	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 140	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 141	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 142	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 143	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 144	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 145	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 146	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 147	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 148	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 149	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 150	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 151	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 152	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 153	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 154	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 155	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 156	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 157	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 158	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 159	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 160	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 161	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 162	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 163	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 164	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 165	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 166	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 167	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 168	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 169	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 170	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 171	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 172	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 173	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 174	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 175	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 176	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 177	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 178	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 179	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 180	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 181	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 182	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 183	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 184	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 185	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 186	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 187	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 188	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 189	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 190	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 191	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 192	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 193	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 194	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 195	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 196	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 197	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 198	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 199	—	—	—	10.00	10.00
Department of Water Supply, Repair Shop, No. 200	—	—	—	10.00	10.00

	FIRST QUARTER, ENDING MARCH 31.	SECOND QUARTER, ENDING JUNE 30.	THIRD QUARTER, ENDING SEPTEMBER 30.	FOURTH QUARTER, ENDING DECEMBER 31.	TOTAL.
Public Park, Fifty-first street, East river.....	100.00	100.00	100.00	840.92	840.92
" Ninety-first street, East river.....	100.00	100.00	100.00	84.70	84.70
" One Hundred and Twelfth street, East river.....	100.00	100.00	100.00	84.80	84.80
" Third street, East river (electric).....	100.00	100.00	100.00	84.16	84.16
" Twenty-fourth street, East river (electric).....	100.00	100.00	100.00	85.90	85.90
Pay-rolls—Lighters, public markets, etc.....	\$897.00	\$840.00	\$800.00	\$840.00	3,377.00
Gas examinations.....	224.00	224.00	224.00	224.00	896.00
Carriages.....	517.00	529.00	527.00	525.00	2,100.00
Rents—Photometric Stations.....	240.00	240.00	240.00	240.00	960.00
Drawing materials.....	9.55	10.00	10.00	10.00	39.55
Fire-alarm lamp lights.....	485.00	485.00	485.00	485.00	1,940.00
Boulevard lamp globes.....	440.33	440.33	440.33	440.33	1,761.32
Repairing street lamps.....	375.99	375.99	375.99	375.99	1,503.96
New Vindicator lamps.....	205.00	205.00	205.00	205.00	820.00
Lamp irons.....	300.00	300.00	300.00	300.00	1,200.00
Cross-heads.....	973.00	973.00	973.00	973.00	3,892.00
Street lamps.....	675.00	675.00	675.00	675.00	2,700.00
Repairing gas-holder, Madison Avenue Bridge, Palisades, etc., (mandalabra, Twenty-third street and Fifth avenue).....	100.00	100.00	100.00	100.00	400.00
Repairing lamp irons.....	220.00	220.00	220.00	220.00	880.00
Repairing, etc., pressure regulators.....	10.34	10.34	10.34	10.34	41.36
Miner's lamp globes.....	30.00	30.00	30.00	30.00	120.00
Wedges.....	40.00	40.00	40.00	40.00	160.00
Brackets.....	50.00	50.00	50.00	50.00	200.00
Bi-cycle lamp.....	5.00	5.00	5.00	5.00	20.00
Tin foil.....	8.74	8.74	8.74	8.74	34.96
Painting materials.....	2.00	2.00	2.00	2.00	8.00
Lepting Boulevard globes.....	74.33	74.33	74.33	74.33	297.32
Glass street signs.....	475.00	475.00	475.00	475.00	1,900.00
Photometric supplies.....	17.77	17.77	17.77	17.77	71.08
Pentone standard.....	75.00	75.00	75.00	75.00	300.00
Traveling expenses.....	10.25	10.25	10.25	10.25	41.00
Postages.....	13.00	13.00	13.00	13.00	52.00
Lighting gas lamps, Manhattan.....	214,866.79	214,866.79	214,866.79	214,866.79	859,467.16
Fitting up new lamps, Manhattan.....	408.00	408.00	408.00	408.00	1,632.00
Repairing, etc., lamps, Manhattan.....	3,080.30	3,080.30	3,080.30	3,080.30	12,321.20
Lighting gas lamps, The Bronx.....	8,225.09	8,225.09	8,225.09	8,225.09	32,900.36
Fitting up new lamps, The Bronx.....	1,376.00	1,376.00	1,376.00	1,376.00	5,504.00
Repairing, etc., lamps, The Bronx.....	1,400.70	1,400.70	1,400.70	1,400.70	5,602.80
Lighting naphtha lamps, Manhattan.....	1,480.38	1,480.38	1,480.38	1,480.38	5,921.52
Lighting naphtha lamps, The Bronx.....	1,480.38	1,480.38	1,480.38	1,480.38	5,921.52
Lighting Welsbach naphtha lamps, Manhattan.....	1,480.38	1,480.38	1,480.38	1,480.38	5,921.52
Lighting electric lamps, Manhattan.....	2,000.00	2,000.00	2,000.00	2,000.00	8,000.00
Lighting electric lamps, The Bronx.....	2,000.00	2,000.00	2,000.00	2,000.00	8,000.00
Total.....	\$46,825.43	\$46,825.43	\$46,825.43	\$46,825.43	187,302.17

RECAPITULATION.

Gas to public offices, markets, etc.....	\$6,868.10
Electric-lighting, public offices.....	7,276.78
Gas to armories.....	3,593.83
Electric-lighting, armories.....	11,885.53
Supplies, etc., public lamps.....	7,184.94
Carriages.....	2,100.00
Pay-rolls of Lighters, public markets, etc.....	3,377.00
Gas examinations.....	896.00
Rents of photometric stations.....	960.00
Lighting public gas lamps, Manhattan.....	214,866.79
Lighting public gas lamps, The Bronx.....	82,930.09
Lighting public naphtha lamps, Manhattan.....	3,580.50
Lighting public naphtha lamps, The Bronx.....	18,946.03
Lighting public Welsbach naphtha lamps, Manhattan.....	12,687.00
Lighting public electric lamps, Manhattan.....	2,000.00
Lighting public electric lamps, The Bronx.....	2,000.00
Fitting up new public lamps, Manhattan.....	1,632.00
Fitting up new public lamps, The Bronx.....	5,504.00
Repairing, etc., public lamps, Manhattan.....	12,321.20
Repairing, etc., public lamps, The Bronx.....	5,602.80
Total.....	\$802,219.27

EXHIBIT "B."

Summary of the appropriation for "Lamps and Lighting, boroughs of Manhattan and The Bronx, 1899," showing the amounts drawn on vouchers during each of the four quarters of the year, with the balance to the credit of the appropriation:	
Amount of appropriation "Lamps and Lighting," 1899.....	\$1,340,236.00
Amount of vouchers drawn first quarter.....	\$30,893.49
Amount of vouchers drawn second quarter.....	29,957.43
Amount of vouchers drawn third quarter.....	29,912.17
Amount of vouchers drawn fourth quarter.....	711,456.18
Total amount vouchers drawn in year.....	\$802,219.27
Balance.....	\$538,016.73
Less amount transferred.....	\$44,000.00
Less outstanding liabilities.....	488,882.07
Balance.....	\$5,134.66

Outstanding Liabilities.

Consolidated Gas Company, lighting public lamps, January to May, inclusive.....	\$134,336.94
Equitable Gas-light Company, lighting public lamps, January to May, inclusive.....	18,482.26
Standard Gas-light Company, lighting public lamps, January to May, inclusive.....	11,069.20
Central Union Gas Company, lighting public lamps, January to May, inclusive.....	17,611.56
Northern Union Gas Company, lighting public lamps, January to May, inclusive.....	35,924.30
Yonkers Gas-light Company, lighting public lamps, January to May, inclusive.....	8,708.83
New York and New Jersey Globe Gas-light Company, lighting public lamps, January to May, inclusive.....	12,081.63
Brush Electric Illuminating Company, lighting public lamps, January to May, inclusive.....	32,789.85

Edison Electric Illuminating Company, lighting public lamps, January to May, inclusive.....	\$29,944.30
Harlem Lighting Company, lighting public lamps, January to May, inclusive.....	5,416.50
Manhattan Electric-light Company, lighting public lamps, January to May, inclusive.....	43,591.80
Mount Morris Electric-light Company, lighting public lamps, January to May, inclusive.....	32,786.00
North River Electric Light and Power Company, lighting public lamps, January to May, inclusive.....	65,444.15
Pelham Electric Light and Power Company, lighting public lamps, January to May, inclusive.....	5,193.60
Consolidated Gas Company, gas to public offices, etc., January to May, inclusive.....	6,247.62
Equitable Gas-light Company, gas to public offices, etc., January to May, inclusive.....	1,054.24
East River Gas Company, gas to public offices, etc., January to May, inclusive.....	293.05
Equitable Gas-light Company, gas to armories, January to May, inclusive.....	4,339.73
East River Gas Company, gas to armories, January to May, inclusive.....	3,371.21
John Early's Sons, 250 boulevard globe street lamps.....	700.00
Mrs. Mary Murray, lettering 100 boulevard globes.....	35.00
New York and New Jersey Globe Gas-light Company (Limited), glass street signs.....	1,032.50

\$488,882.07

EXHIBIT "C."

Summary of the Lamp Account, showing the number of new lamps lighted, old lamps relighted and lamps discontinued by each gas and electric company during quarter ending December 31, 1899:

Borough of Manhattan.			
Gas Lamps.			
Consolidated Gas Company, Branch 1—			
Number of lamps lighted September 30, 1899.....	6,009		
Less lamps discontinued during the quarter.....	4		
Number of lamps lighted December 31, 1899.....			6,005
Consolidated Gas Company, Branch 2—			
Number of lamps lighted September 30, 1899.....	1,098		
Number of new lamps lighted during the quarter.....	1		
Number of old lamps relighted during the quarter.....	1		
Less lamps discontinued during the quarter.....	14		
Number of lamps lighted December 31, 1899.....			1,084
Consolidated Gas Company, Branch 3—			
Number of lamps lighted September 30, 1899.....	3,469		
Number of new lamps lighted during the quarter.....	2		
Number of old lamps relighted during the quarter.....	2		
Less lamps discontinued during the quarter.....	16		
Number of lamps lighted December 31, 1899.....			3,457
Consolidated Gas Company, Branch 4—			
Number of lamps lighted September 30, 1899.....	3,380		
Number of new lamps lighted during the quarter.....	7		
Number of old lamps relighted during the quarter.....	1		
Number of old lamps transferred from New Amsterdam Gas Company.....	1		
Less lamps discontinued during the quarter.....	8		
Less lamps discontinued on account of electric lights.....	14		
Number of lamps lighted December 31, 1899.....			3,365
Consolidated Gas Company, Branch 5—			
Number of lamps lighted September 30, 1899.....	6,407		
Number of new lamps lighted during the quarter.....	40		
Number of old lamps relighted during the quarter.....	11		
Less lamps discontinued during the quarter.....	7		
Number of lamps lighted December 31, 1899.....			6,443
Total number of lamps lighted by Consolidated Gas Company, Dec. 31, 1899.....			16,440
New Amsterdam Gas Company—			
Number of lamps lighted September 30, 1899.....	2,493		
Number of new lamps lighted during the quarter.....	2		
Number of old lamps relighted during the quarter.....	0		
Less lamps discontinued during the quarter.....	19		
Less lamps transferred to Consolidated Gas Company.....	2		
Less gas lamps discontinued on account of electric lights.....	18		
Number of lamps lighted December 31, 1899.....			2,456
Standard Gas-light Company, Madison Square Branch—			
Number of lamps lighted September 30, 1899.....	648		
Number of lamps lighted December 31, 1899.....			648
Standard Gas-light Company, Harlem Branch—			
Number of lamps lighted September 30, 1899.....	2,262		
Number of lamps lighted December 31, 1899.....			2,262
Total number of lamps lighted by Standard Gas-light Company, Dec. 31, 1899.....			1,490
Borough of The Bronx.			
Central Union Gas Company—			
Number of lamps lighted September 30, 1899.....	2,748		
Number of new lamps lighted during the quarter.....	70		
Less lamps discontinued during the quarter.....	1		
Number of lamps lighted, December 31, 1899.....			2,817

Northern Union Gas Company—

Number of lamps lighted September 30, 1899	2,846	
Number of new lamps lighted during the quarter	62	
Number of old lamps relighted during the quarter	38	2,946
Less lamps discontinued during the quarter	34	
Number of lamps lighted December 31, 1899	2,934	2,934

Vanars Gas Light Company—

Number of lamps lighted September 30, 1899	749	
Number of old lamps relighted during the quarter	11	761
Number of lamps lighted December 31, 1899	761	761
Total number of gas lamps lighted December 31, 1899	25,073	

NAPHTHA LAMPS.

Borough of Manhattan.

New York and New Jersey Globe Gas Light Company—

Number of lamps lighted September 30, 1899, Central Park	181	
Number of lamps lighted September 30, 1899, Riverside Drive	172	
Number of lamps lighted September 30, 1899, Manhattan Avenue	13	
Number of lamps lighted September 30, 1899, Madison Square Park	11	377
Number of lamps lighted September 30, 1899	377	377

Borough of The Bronx.

New York and New Jersey Globe Gas Light Company (Limited)—

Number of lamps lighted September 30, 1899, Woodlawn Heights	23	
Number of lamps lighted September 30, 1899, Wakefield	110	
Number of lamps lighted September 30, 1899, Eastchester	88	
Number of lamps lighted September 30, 1899, Williamsbridge	265	
Number of lamps lighted September 30, 1899, Bronx and Pelham Parkway	130	
Number of lamps lighted September 30, 1899, Bronx Park	133	
Number of lamps lighted September 30, 1899, Cedar Park	38	
Number of lamps lighted September 30, 1899, Clinton Park	54	
Number of lamps lighted September 30, 1899, Central Park	56	
Number of lamps lighted September 30, 1899, Gun Hill Road	34	
Number of lamps lighted September 30, 1899, Morris Park	52	
Number of lamps lighted September 30, 1899, St. Mary's Park	39	
Number of lamps lighted September 30, 1899, Van Cortlandt Park	24	
Number of lamps lighted September 30, 1899, Washington Bridge Park	74	
Number of lamps lighted September 30, 1899, Mosholu Avenue	77	1,397
New lamps lighted in quarter, Williamsbridge	2	
New lamps lighted in quarter, Bronx Park	6	40
Less lamps removed from Clinton Park	4	434
Less lamps removed from Clinton Park	8	8
Total number of lamps December 31, 1899, Borough of The Bronx	2,396	2,396
Total number of naphtha lamps lighted December 31, 1899	2,393	

Borough of Manhattan.

WELLSCH STREET LIGHTING COMPANY.

Wellsch Street Lighting Company of America—

Number of lamps lighted September 30, 1899, Central Park	181	
Number of lamps lighted September 30, 1899, Riverside Drive	172	
Number of lamps lighted September 30, 1899, West One Hundred and Twenty-second Street	4	
Number of lamps lighted December 31, 1899	449	449

Borough of Manhattan.

Borough of Manhattan.

Brush Electric Illuminating Company—

Number of lamps lighted September 30, 1899	864	
Number of new lamps lighted during the quarter	15	879
Number of lamps lighted December 31, 1899	879	879

Edison Electric Illuminating Company—

Number of lamps lighted September 30, 1899	441	
Number of lamps lighted December 31, 1899	441	441

Harlem Lighting Company—

Number of lamps lighted September 30, 1899	82	
Number of lamps lighted December 31, 1899	82	82

Manta Electric Light Company—

Number of lamps lighted September 30, 1899	721	
Number of lamps lighted December 31, 1899	721	721

Mount Morris Electric Light Company—

Number of lamps lighted September 30, 1899	623	
Number of new lamps lighted during the quarter	1	624
Number of lamps lighted December 31, 1899	624	624
Total number of electric lamps lighted, Borough of Manhattan, December 31, 1899	2,713	2,713

Borough of The Bronx.

North River Electric Light and Power Company—

Number of lamps lighted September 30, 1899	977	
Number of new lamps lighted during the quarter	3	980
Number of lamps lighted December 31, 1899	980	980

Bronx Gas and Electric Company—

Number of lamps lighted September 30, 1899	873	
Number of lamps lighted December 31, 1899	873	873

Pelham Electric Light and Power Company—

Number of lamps lighted September 30, 1899	80	
Number of lamps lighted December 31, 1899	80	80

Eastchester Electric Company—

Number of lamps lighted September 30, 1899	79	
Number of lamps lighted December 31, 1899	79	79
Total number electric lamps lighted, Borough of The Bronx, December 31, 1899	1,704	1,704
Total number electric lamps lighted, Boroughs of Manhattan and The Bronx, December 31, 1899	4,406	4,406

RECAPITULATION.

Number of gas lamps lighted September 30, 1899	25,088	
Number of naphtha lamps lighted September 30, 1899	1,521	
Number of Wellsch naphtha lamps lighted September 30, 1899	449	
Number of electric lamps lighted September 30, 1899	8,643	35,101
Number of new gas lamps lighted during the quarter	189	
Number of new naphtha lamps lighted during the quarter	16	
Number of new electric lamps lighted during the quarter	19	223
Number of old gas lamps relighted during the quarter	11	
Less gas lamps discontinued during the quarter	65	35,278
Less naphtha lamps discontinued during the quarter	1	
Less gas lamps discontinued on account of electric lights	1	35,276
Total number of lamps lighted December 31, 1899		35,276

Summary of the Lamp Account, showing the number of new lamps lighted, old lamps relighted and lamps discontinued by each gas and electric-light company, during the year ending December 31, 1899.

Borough of Manhattan.

GAS LAMPS.

Consolidated Gas Company, Branch 1—

Number of lamps lighted December 31, 1899	2,704	
Number of new lamps lighted during the year	1	
Number of old lamps relighted during the year	1	2,706
Less lamps discontinued during the year	1	2,705
Number of lamps lighted December 31, 1899	2,705	2,705

Consolidated Gas Company, Branch 2—

Number of lamps lighted December 31, 1899	1,000	
Number of new lamps lighted during the year	10	
Number of old lamps relighted during the year	15	1,025
Less lamps discontinued during the year	1	1,039
Number of lamps lighted December 31, 1899	1,039	1,039

Consolidated Gas Company, Branch 3—

Number of lamps lighted December 31, 1899	1,685	
Number of new lamps lighted during the year	1	
Number of old lamps relighted during the year	1	1,687
Less lamps discontinued during the year	1	1,686
Number of lamps lighted December 31, 1899	1,686	1,686

Consolidated Gas Company, Branch 4—

Number of lamps lighted December 31, 1899	3,531	
Number of new lamps lighted during the year	6	
Number of old lamps relighted during the year	13	3,550
Number of old lamps transferred from New Amsterdam Gas Company	7	
Less lamps discontinued during the year	17	3,533
Less lamps discontinued on account of electric lights	124	3,409
Number of lamps lighted December 31, 1899	3,409	3,409

Consolidated Gas Company, Branch 5—

Number of lamps lighted December 31, 1899	6,673	
Number of new lamps lighted during the year	34	
Number of old lamps relighted during the year	47	6,754
Less lamps discontinued during the year	1	6,753
Number of lamps lighted December 31, 1899	6,753	6,753
Total number lamps lighted by Consolidated Gas Company, December 31, 1899	16,493	16,493

New Amsterdam Gas Company—

Number of lamps lighted December 31, 1899	5,431	
Number of new lamps lighted during the year	3	
Number of old lamps relighted during the year	18	5,452
Less lamps discontinued during the year	15	5,435
Less gas lamps discontinued on account of electric lights	1	5,434
Less gas transferred to Consolidated Gas Company	7	5,427
Number of lamps lighted December 31, 1899	5,427	5,427

Standard Gas Light Company, Madison Avenue Branch—				ELECTRIC LAMPS.			
Number of lamps lighted December 31, 1898.....				<i>Borough of Manhattan.</i>			
Number of new lamps lighted during the year.....				Brush Electric Illuminating Company—			
Less lamps discontinued during the year.....				Number of lamps lighted December 31, 1898.....			
Number of lamps lighted December 31, 1899.....				Number of new lamps lighted during the year.....			
				Number of lamps lighted December 31, 1899.....			
Standard Gas Light Company, Harlem Branch—				Edison Electric Illuminating Company—			
Number of lamps lighted December 31, 1898.....				Number of lamps lighted December 31, 1898.....			
Number of new lamps lighted during the year.....				Number of lamps lighted December 31, 1899.....			
Number of old lamps relighted during the year.....				Harlem Lighting Company—			
Less lamps discontinued during the year.....				Number of lamps lighted December 31, 1898.....			
Number of lamps lighted December 31, 1899.....				Number of lamps lighted December 31, 1899.....			
Total number of lamps lighted by Standard Gas Light Company.....				Manhattan Electric Light Company—			
				Number of lamps lighted December 31, 1898.....			
				Number of lamps lighted December 31, 1899.....			
<i>Borough of The Bronx.</i>				Mount Morris Electric Light Company—			
Central Union Gas Company—				Number of lamps lighted December 31, 1898.....			
Number of lamps lighted December 31, 1898.....				Number of new lamps lighted during the year.....			
Number of new lamps lighted during the year.....				Number of lamps lighted December 31, 1899.....			
Number of old lamps relighted during the year.....				Total number electric lamps lighted December 31, 1899, Borough of			
Less lamps discontinued during the year.....				Manhattan.....			
Number of lamps lighted December 31, 1899.....							
Northern Union Gas Company—				<i>Borough of The Bronx.</i>			
Number of lamps lighted December 31, 1898.....				North River Electric Light and Power Company—			
Number of new lamps lighted during the year.....				Number of lamps lighted December 31, 1898.....			
Number of old lamps relighted during the year.....				Number of new lamps lighted during the year.....			
Less lamps discontinued during the year.....				Number of lamps lighted December 31, 1899.....			
Number of lamps lighted December 31, 1899.....				Bronx Gas and Electric Company—			
Yonkers Gas Lighting Company—				Number of lamps lighted December 31, 1898.....			
Number of lamps lighted December 31, 1898.....				Number of new lamps lighted during the year.....			
Number of new lamps lighted during the year.....				Number of lamps lighted December 31, 1899.....			
Less lamps discontinued during the year.....				Pelham Electric Light and Power Company—			
Number of lamps lighted December 31, 1899.....				Number of lamps lighted December 31, 1898.....			
Total number of gas lamps lighted December 31, 1899.....				Number of lamps lighted December 31, 1899.....			
NAPHTHA LAMPS.				Eastchester Electric Company—			
<i>Borough of Manhattan.</i>				Number of lamps lighted December 31, 1898.....			
New York and New Jersey Globe Gas Light Company, Limited—				Number of lamps lighted December 31, 1899.....			
Number of lamps lighted December 31, 1898, Central Park.....				Total number of electric lamps in Borough of The Bronx.....			
Number of lamps lighted December 31, 1898, Riverside drive.....				Total number of electric lamps, Borough of Manhattan and The Bronx.....			
Number of lamps lighted December 31, 1898, Morningside avenue, West.....							
Number of lamps lighted December 31, 1898, Morningside Park.....							
Number of lamps lighted December 31, 1899.....							
<i>Borough of The Bronx.</i>							
New York and New Jersey Globe Gas Light Company, Limited—							
Number of lamps lighted December 31, 1898, Woodlawn Heights.....							
Number of lamps lighted December 31, 1898, Eastchester.....							
Number of lamps lighted December 31, 1898, Wakefield.....							
Number of lamps lighted December 31, 1898, Williamsbridge.....							
Number of lamps lighted December 31, 1898, Bronx and Pelham parkway.....							
Number of lamps lighted December 31, 1898, Bronx Park.....							
Number of lamps lighted December 31, 1898, Cedar Park.....							
Number of lamps lighted December 31, 1898, Claremont Park.....							
Number of lamps lighted December 31, 1898, Crotona Park.....							
Number of lamps lighted December 31, 1898, Gunhill road.....							
Number of lamps lighted December 31, 1898, Mosholu parkway.....							
Number of lamps lighted December 31, 1898, Mosholu avenue.....							
Number of lamps lighted December 31, 1898, St. Mary's Park.....							
Number of lamps lighted December 31, 1898, Van Cortlandt Park.....							
Add new lamps lighted in 1899, Bronx Park.....							
Add new lamps lighted in 1899, Cedar Park.....							
Add new lamps lighted in 1899, Claremont Park.....							
Add new lamps lighted in 1899, Crotona Park.....							
Add new lamps lighted in 1899, Mosholu avenue.....							
Add new lamps lighted in 1899, St. Mary's Park.....							
Add new lamps lighted in 1899, Van Cortlandt Park.....							
Add new lamps lighted in 1899, Washington Bridge Park.....							
Add new lamps lighted in 1899, Wakefield.....							
Add new lamps lighted in 1899, Williamsbridge.....							
Less discontinued in year, Claremont Park.....							
Less discontinued in year, Crotona Park.....							
Less discontinued in year, Wakefield.....							
Less discontinued in year, Williamsbridge.....							
Number of lamps lighted December 31, 1899, Borough of The Bronx.....							
Total naphtha lamps, Borough of Manhattan and The Bronx.....							
WELSBACH NAPHTHA LAMPS.							
<i>Borough of Manhattan.</i>							
Welsbach Street Lighting Company of America—							
Number of lamps lighted December 31, 1898.....							
Number of new lamps lighted during the year.....							
Number of lamps lighted December 31, 1899.....							

RECAPITULATION.

Number of gas lamps lighted December 31, 1898.....	85,054		
Number of naphtha lamps lighted December 31, 1898.....	1,415		
Number of Welsbach naphtha lamps lighted December 31, 1898.....	587		
Number of electric lamps lighted December 31, 1898.....	4,384	37,486	
Number of new gas lamps lighted during the year.....	843		
Number of new naphtha lamps lighted during the year.....	193		
Number of new Welsbach naphtha lamps lighted during the year.....	62		
Number of new electric lamps lighted during the year.....	1,777	307	
Number of old gas lamps relighted during the year.....	410	125	37,459
Less gas lamps discontinued during the year.....	278		
Less naphtha lamps discontinued during the year.....	99		
Less gas lamps discontinued on account of electric lights.....	158	463	463
Total number of lamps lighted December 31, 1899.....			37,707

Recapitulation of the Various Kinds of Lamps used for Street Lighting in Boroughs of Manhattan and The Bronx.

Number of ordinary gas lamps at \$12 per year.....	Equitable Gas-light Co.....	3,410
Number of ordinary gas lamps at \$14.50 per year.....	Standard Gas-light Co.....	1,910
Number of ordinary gas lamps at \$17 per year.....	Consolidated Gas Co.....	10,273
Number of ordinary gas lamps at \$24 per year.....	Central Union Gas Co.....	1,817
Number of ordinary gas lamps at \$26 per year.....	Northern Union Gas Co.....	7,934
Number of ordinary gas lamps at \$28 per year.....	Yonkers Gas-light Co.....	711
Number of Welsbach gas lamps at \$29 per year.....	Consolidated Gas Co.....	1,478
Number of Welsbach gas lamps at \$47 per year.....	Consolidated Gas Co.....	531
Number of Welsbach naphtha lamps at \$30 per year.....	Welsbach Street Lighting Co.....	449
Number of ordinary naphtha lamps at \$25 per year.....	New York and New Jersey Globe Gas-light Co.....	1,183
Number of open arc lamps at 40 cents per night.....		27,249
Number of open arc lamps at 45 cents per night.....		4,467
Number of open arc lamps at 50 cents per night.....		1,616
Number of open arc lamps at \$1.25 per year.....		837
Number of inclosed arc lamps at 40 cents per night.....		524
Number of incandescent electric lamps at \$12.50 per year.....	Mount Morris Electric Light Co.....	32
Number of incandescent electric lamps at \$45 per year.....	Eastchester Electric Co.....	68
Total.....		37,746

NOTE.—All gas lamps contain 1-foot gas burners and are lighted 4,000 hours per year. Electric lamps are lighted 3,950 hours per year.

EXHIBIT "D."

Statement giving the illuminating power, in candles, of the gases supplied to the city by the several gas-light companies during the year ending December 31, 1899, as shown by the weekly observations at the Photometrical Rooms of the Department of Public Buildings, Lighting and Supplies.

Year 1899	East River Gas Company.			Consolidated Gas Company, Branch 1.			Consolidated Gas Company, Branch 2.			Consolidated Gas Company, Branch 3.			Consolidated Gas Company, Branch 4.			Consolidated Gas Company, Branch 5.			New York Mutual Gas-Light Company.			Equitable Gas-Light Company.			Standard Gas-Light Company.		
	Illuminating Power in Candles.			Illuminating Power in Candles.			Illuminating Power in Candles.			Illuminating Power in Candles.			Illuminating Power in Candles.			Illuminating Power in Candles.			Illuminating Power in Candles.			Illuminating Power in Candles.			Illuminating Power in Candles.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
January	24.47	27.14	25.79	24.09	25.14	24.29	24.70	25.12	24.91	25.02	25.28	25.17	24.60	25.00	24.78	24.34	24.54	24.74	27.26	29.00	28.12	24.30	25.12	25.44	24.98	25.93	24.72
February	25.24	27.42	26.34	24.94	25.10	24.70	25.20	25.22	24.77	25.02	25.00	25.40	24.64	25.25	24.60	24.28	24.54	24.86	27.04	29.26	28.43	24.99	25.80	26.89	25.55	27.30	25.48
March	24.43	27.47	26.42	24.92	25.00	24.70	25.10	25.05	24.80	24.74	25.00	25.30	24.71	25.24	24.52	24.28	24.56	24.76	26.78	29.48	28.01	24.50	25.72	26.06	24.52	25.44	24.92
April	25.18	27.24	26.21	24.78	24.93	24.74	25.14	25.17	24.74	24.74	25.16	25.02	24.60	25.07	24.16	24.30	24.50	24.70	27.50	29.70	28.70	24.34	25.64	26.32	25.62	25.90	25.71
May	24.78	27.21	26.24	24.74	24.84	24.72	25.08	24.40	24.47	24.38	24.66	24.76	24.84	25.00	24.52	24.00	24.24	24.78	27.78	29.58	28.10	25.74	26.78	25.92	26.00	26.40	27.09
June	24.28	27.10	24.74	24.61	24.71	24.70	24.74	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
July	24.45	27.20	24.70	24.70	24.71	24.74	24.74	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
August	24.84	27.25	24.75	24.75	24.75	24.75	24.75	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
September	25.00	27.25	25.12	24.75	24.75	24.75	24.75	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
October	25.20	27.24	25.40	24.75	24.75	24.75	24.75	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
November	25.00	27.24	25.40	24.75	24.75	24.75	24.75	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
December	27.00	27.24	27.12	24.75	24.75	24.75	24.75	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
Average	25.34	27.44	26.24	24.74	24.75	24.74	24.74	25.01	24.60	24.64	24.71	24.90	24.60	24.40	24.70	24.34	24.10	24.50	27.00	29.54	28.10	24.20	25.64	24.83	25.04	25.80	24.97
Distance from gas works	1.10 miles			1.30 miles			1.50 miles			1.74 miles			3.38 miles			1.05 miles			1.60 miles			0.72 miles			1.05 miles		
Tuning burner	Bray's Six Union No. 7			Bray's Six Union No. 7			Bray's Six Union No. 7			Bray's Six Union No. 7			Bray's Six Union No. 7			Bray's Six Union No. 7			Bray's Six Union No. 7			Bray's Six Union No. 7			Bray's Six Union No. 7		

EXHIBIT "E."

Time Table for Lighting and Extinguishing the Public Gas Lamps for the Year 1900.

Months.	DATE.	BEGUN TO LIGHT.	BEGUN TO EXTINGUISH.
January	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
"	29 to Feb. 4	8.10	5.30
February	5 to 11	8.10	5.30
"	12 to 18	8.10	5.30
"	19 to 25	8.10	5.30
"	26 to Mar. 4	8.10	5.30
March	5 to 11	8.10	5.30
"	12 to 18	8.10	5.30
"	19 to 25	8.10	5.30
"	26 to Apr. 1	8.10	5.30
April	2 to 8	8.10	5.30
"	9 to 15	8.10	5.30
"	16 to 22	8.10	5.30
"	23 to 29	8.10	5.30
May	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
June	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
July	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
August	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
September	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
October	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
November	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30
December	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30

Months.	DATE.	BEGUN TO LIGHT.	BEGUN TO EXTINGUISH.
December	1 to 7	8.10	5.30
"	8 to 14	8.10	5.30
"	15 to 21	8.10	5.30
"	22 to 28	8.10	5.30

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, }
BUREAU OF LAMPS AND GAS, }
NEW YORK, December 27, 1899. }

Sir—The above table will show the time for lighting and extinguishing the public lamps during the year 1900. All the lamps to be lighted within one hour from the time of beginning.
HENRY S. KEARNY,
Commissioner of Public Buildings, Lighting and Supplies.
S. McCORMICK, Superintendent of Lamps and Gas.

INSTRUCTIONS TO LAMPLIGHTERS.

- I.—The lamps must be lighted and extinguished strictly in accordance with the time specified in this time table, and all the lamps must be lighted within one hour from the time of beginning.
- II.—The lamps must be kept clean and in good condition; the top glass, sides and bottom glass must be thoroughly cleaned, both on the outside and inside of the lantern, three times in each week, and oftener if necessary to keep them clean, and dust and dirt must be brushed from the frames, and the glass street signs must also be cleaned. Lighters must bear in mind that with clean glass a greater brilliancy is obtained from the flame. In the winter season the snow must be brushed from the lanterns after each snow-fall. Dirty and disordered lamps will be considered as evidence of a careless and incompetent Lamplighter.
- III.—The glass street signs and house numbers must be kept in their proper positions. The sign bearing the name of any avenue or main street must face the roadway of such avenue or street. One of the signs bearing the name of a cross street must face the roadway of such street and the other sign must be placed on the opposite side of the lantern. Be careful to observe that the name does not face the inside of the lantern.
- IV.—Advertising signs on lamp-posts or lantern, or colored or ground glass in the lantern, are a violation of a Corporation ordinance, and must not be permitted, except the fire alarm signal lamps; on streets lighted by electric lamps the fire alarm lamps must contain all red glass, while lettered door; on streets lighted by gas the fire alarm lamps must contain four red top glass, three clear side glass and a red lettered door glass.
- V.—If a lighter on extinguishing a lamp should find a glass broken, he must replace the same before lighting time of the same day. If he should find a glass broken while lighting, he must replace before lighting time of the following day, and the bottom glass must be kept in place as well as sides and tops. If he should find any portion of the framework broken, he must take the lantern to his Superintendent for repairs. Broken glass must not be deposited upon the street.
- VI.—The burners must be kept in good condition to burn with a full, clear, steady flame, and not with a single or forked jet. If a burner, when lighted, should not emit the proper flame, then the same must be immediately cleared from its obstruction; and if it will not burn properly, another burner must be substituted.
- VII.—If a lighter, when lighting, finds that a lamp will not burn, he will leave such lamp and finish his route. He must then return to the unlighted lamps and endeavor to get them in burning order. If he cannot make the lamp burn, he must report the same on the following morning to the Superintendent of the gas company.
- VIII.—Lamplighters will not be permitted to climb the lamp-posts. The lamps must be lighted by means of a torch or the use of a ladder.
- IX.—In case a lamp-post should be found broken or taken down or requiring repairs, or an excavation should be made near the same which would endanger its safety, he must report the same at once to the Superintendent of the gas company, stating the correct location of the post and what repairs are required. If the post has been taken down, he must report by whom and for what purpose, and date when done. No excuse will be excepted from any Lamplighter who fails to report lamp-posts taken down or broken.
- X.—Lighters must not break the lamp bottoms, nor the street-sign slots. Lamps furnished with these slots should be placed on corner lamp-posts.
- XI.—Ladders must not be left tied to the lamp-posts.

S. McCORMICK, Superintendent of Lamps and Gas.

CORPORATION ORDINANCES RELATING TO THE PUBLIC LAMPS.

- Sec. 68. Any person breaking, mutilating, or obstructing any of the public lamps in The City of New York shall be liable to a penalty of five dollars for each offense.
- Sec. 69. Any person who shall break, misplace or carry away any of the glass street-signs, now or hereafter to be placed in any of the public lamps, shall be liable to a penalty of three dollars for each offense.
- Sec. 70. No person without permission of the Commissioner of Public Buildings, Lighting and Supplies, shall take up, remove or carry away any public lamp-post in The City of New York, under the penalty of ten dollars for each offense.
- Sec. 71. No person, shall remove, or cause or permit to be removed, any public lamp-post, now or hereafter to be placed in front of their premises, for the purpose of constructing a vault or otherwise, without the permission of the Superintendent of Lamps and Gas; and the owner or owners of such vault shall cause the lamp-posts so removed to be reset at their own expense immediately upon the completion of the vault, under the penalty of twenty-five dollars for each offense.

Sec. 226. No person shall attach, place, or paste, or cause to be attached, placed, or pasted, any sign or advertisement, or other matter, upon any public lamp-post, now erected in The City of New York, or that may hereafter be so erected, under the penalty named in the next section.

Sec. 227. The violation of any of the provisions of the preceding section shall be punishable by a fine of not less than one dollar or more than ten dollars.

Sec. 412. It shall not be lawful to erect any telegraph-post within a distance of ten feet of any public street lamp. Any person offending against any of the provisions of this section shall be deemed guilty of a misdemeanor, and on conviction thereof, before any of the police magistrates or justices of this City, shall be punished by a fine not exceeding ten dollars, or in default of the payment of such fine, by imprisonment not exceeding ten days.

Sec. 1953 of the New York City Consolidation Act of 1882. If any person shall wilfully break, take down, or carry away any glass lamp hung or fixed in any of the streets of The City of New York, or extinguish the lights therein, or by aiding or abetting in the same, shall be subject to a fine of twenty-five dollars, and in default of payment of such fine the offender shall be committed to the penitentiary for the term of two months.

DOCUMENT "E."

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
OFFICE OF ASSISTANT ENGINEER, NOS. 13 TO 21 PARK ROW,
NEW YORK, March 10, 1900.

Hon. HENRY S. KEARNY, Commissioner:

SIR—In accordance with your instructions, I submit herewith a report of the transactions in this office for the quarter ending December 31, 1899, together with a general report for the entire year.

Men have been employed in checking the number, location and character of street lamps added or changed.

Surveys in the boroughs of Manhattan and The Bronx have disclosed many gas street lamps standing at distances varying from 30 feet to 100 feet from arc lights. To test the relative value of these lights, experiments have been made in different parts of the city with apparatus devised for the purpose. This work is still in progress, and on December 31, 1899, 692 superfluous gas lamps were discontinued, saving over \$12,000 per annum.

Investigations made during the year as to economy in the use of fuel in public buildings have resulted in the substitution of buckwheat coal for egg coal for use in the Criminal Court-house. Suitable grates and apparatus for burning this cheaper grade of coal are now being installed. In other buildings several thousand feet of live-steam mains, previously exposed, have been covered, thus preventing much loss of heat.

Tests of cement to be used on public buildings have been made to determine its soundness, tensile strength and general fitness for the work in hand.

Comparing the consumption of gas in the principal public buildings during 1899 with the average annual consumption for the four years 1894 to 1897, as shown in following table, a total saving is noted of nearly 12,000,000 feet.

During 1898 the varying pressure of gas in all important buildings was corrected by mercury governors and in many buildings Welsbach gas lamps were substituted for the old open-flame burners. By the use of the governors an even and economical pressure has been maintained. By the introduction of the Welsbach lamp a minimum of gas has been used with a great improvement in the light supplied. By a system of weekly reports from the custodian of each building, a check is secured on the amount of gas used, and waste is prevented so far as possible.

Very respectfully,

FRANK D. LEFFINGWELL, Assistant Engineer.

Comparative Statement Showing Average Consumption of Gas in Principal Public Buildings Lighted only by Gas, and Saving in 1899.

BUILDINGS.	CUBIC FT. OF GAS CONSUMED.		SAVING IN 1899.	PER CENT.
	Average 1894-5-6-7.	1899.		
Armories—				
Eighth Regiment	3,806,500	3,425,700		
Twelfth Regiment	1,401,400	1,294,600		
Twenty-second Regiment	3,817,000	3,437,300		
Sixty-ninth Regiment	898,000	777,700		
Seventy-first Regiment	3,098,400	3,087,800		
First Battery	457,000	577,000		
Troop "A"	3,053,800	2,460,000		
	19,584,100	17,069,300	2,514,800	12.8
Court-houses—				
Brown-stone Building	848,600	464,200		
Harlem Court-house	653,800	712,000		
New Court-house	6,423,800	3,088,800		
Clock Tower (Jefferson Market)	847,000	448,800		
	8,545,800	5,645,800	2,899,900	33.9
Engine-houses—				
West Ninety-eighth street	1,675,600	2,503,700		
West One Hundred and Seventy-ninth street	2,401,900	2,299,800		
	4,077,400	4,803,500	726,100	17.8
County Jail	1,362,900	927,000	435,900	31.9
Markets—				
Catharine	326,100	145,400		
Centre	516,900	299,600		
Clinton	283,600	219,700		
Fulton	4,350,600	362,000		
Jefferson	248,100	302,000		
Tompkins	841,400	166,000		
Union	41,600	63,500		
Washington	3,122,300	4,515,000		
	8,366,600	5,509,600	2,857,000	34.1
Grand total			11,974,200	30.7

DOCUMENT "F."

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
ELECTRICAL BUREAU, OFFICE, 13-21 PARK ROW,
NEW YORK, April 9, 1900.

Hon. HENRY S. KEARNY, Commissioner:

DEAR SIR—I herewith submit to you a report of the work done by the Electrical Bureau of this Department for the year ending December 31, 1899:

SUBWAYS.

High Tension.

During the year 1899 there has been constructed 23.285 miles of subway trench, into which has been placed 98.244 miles of single duct. This subway construction, added to the total construction of high-tension subways to date, makes a total of 895.968 miles of subway in the Borough of Manhattan. In these subways there are, according to the best figures obtainable, 1,518.418 miles of high-tension electric light and power conductors, which shows an increase for the year 1899 of 537 miles of high-tension conductors in the subways. It will be seen from these figures that the construction of high-tension subways for the year 1899 has been greater than any year since 1889.

The operation of these subways has been carried on with absolute freedom from serious accident. The increased demand for commercial and domestic lighting during the year past has been remarkable; and the construction of subways has been correspondingly extensive. The usual difficulties from the presence of gas in the subway manholes has been met with. Although slight explosions have occurred, no serious damage has been done. As a whole, the high-tension subway system in New York has shown itself to be equal to the many increasing demands made upon it, and has demonstrated that the "drawing in and out" system, as is here used, is best adapted to the requirements of a large city.

Low Tension.

There has been constructed 9.896 miles of duct, which caused the opening of 10.227 miles of street trench, for the Edison Electric Light Company; and for telephone, telegraph and signal companies 6.782 miles of street trench has been opened, into which has been placed 49.499 miles of duct. The remarks pertaining to the results of high-tension subways are equally applicable to these.

The following tables show the length of subways constructed in 1899:

FOR THE EDISON ELECTRIC-LIGHT COMPANY.		FOR ELECTRIC-LIGHT AND POWER COMPANIES.		FOR TELEPHONE AND TELEGRAPH COMPANIES.	
Trench.	Duct.	Trench.	Duct.	Trench.	Duct.
53,518.30 feet.	34,959.67 feet.	137,942.03 feet.	519,728.70 feet.	75,807.67 feet.	209,151.000 (less).
10.227 miles.	6.496 miles.	25.285 miles.	98.441 miles.	6.782 miles.	49.499 miles.

The total construction of subways in New York City, Boroughs of Manhattan and Bronx, including those built under the directions of the Board of Electrical Control, to December 31, 1899, is summarized as follows:

	Miles.
Edison, low tension	247.001
Electric Light, high tension	859.968
Telephone and Telegraph	1,518.418
Ventilating Pipe	50.112
Grand total	2,685.509

The total construction is shown in the following table in detail, giving class of service, length of trench, and total mileage by years, as follows:

YEAR.	EDISON.		ELECTRIC LIGHT.		TELEPHONE AND TELEGRAPH.		VENTILATING PIPE.	
	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.	Feet.	Miles.
1885	1,122,000	2.100	1,122,000	2.100	818,440	1.543	.....	.....
1887	209,001.64	39.532	438,408.41	8.217	916,261.67	1.724	.....	.....
1888	22,217.88	4.210	48,125.12	9.075	1,135,976.37	2.136	.....	.....
1889	37,177.91	7.032	1,000,000.00	1.905	244,985.58	0.458	77,733.28	1.463
1890	448,073.54	8.415	1,000,000.00	1.905	244,987.12	0.458	99,187.68	1.830
1891	187,102.14	3.518	274,411.09	0.517	701,815.94	1.325	30,124.23	0.564
1892	116,024.00	2.144	1,000,000.00	1.905	71,761.82	0.135	8,025.50	0.150
1893	96,377.40	1.814	1,000,000.00	1.905	393,100.00	0.738	75,775.44	1.423
1894	37,136.27	0.704	277,427.00	0.524	1,021,161.79	1.926	18,811.10	0.352
1895	59,332.14	1.117	457,986.10	0.864	247,125.35	0.462	60,941.96	1.140
1896	46,247.59	0.872	1,000,000.00	1.905	1,121,607.83	2.136	74,538.13	1.417
1897	66,079.67	1.251	1,000,000.00	1.905	1,000,000.00	1.905	4,753.81	0.009
1898	71,736.44	1.350	1,000,000.00	1.905	4,515,000.00	8.415	11,974.200	22.2
1899	59,256.60	1.116	518,728.70	0.984	261,151.00	0.494	.....	.....
Total	1,704,180.94	327.001	1,519,728.70	2.905	7,261,151.75	13.128	371,416.99	69.11

During the past year the operation of the subways has not been attended by any accident of a serious character to persons or property, and the underground service in the city continues to be efficiently and satisfactorily carried on.

During the year 1899 the following permits were issued for the building of subways:

For construction of new electrical subways..... 350

For construction of new electrical subway subsidiaries..... 2,950

Making a total of..... 3,300

Permits Issued for Construction of Subways since Inauguration of this Bureau in 1898.

	1898.	1899.
Subway permits	140	350
Subsidiary permits	973	2,950

OVERHEAD WIRING.

This Department has caused to be removed from the streets of this borough 137,030 feet, or 25.95 miles, of overhead wire, without any additional expense to the City.

During the past year the following permits were issued by this Bureau for the erection of poles and overhead wires:

Permits for erecting signal wires..... 2,164

For electric lighting..... 1,342

For pole lines..... 50

For city lighting and lamp-posts..... 39

For resetting dangerous poles..... 12

Total..... 3,607

INTERIOR WIRING.

There have been received 14,949 applications for inspections from various contractors and persons installing electrical work in buildings, which, together with those left over from last year which were not completed, make a total of 15,791. Of this number, 14,342 have been attended to and certificates to the number of 13,509 have been issued, covering the work done under these applications. We have left over 1,359 applications, now in the hands of the Inspectors, who are making regular inspections, and as fast as the work is finished in compliance with our requirements certificates are issued.

Certificates issued by this Department for electrical work installed in buildings during 1899 cover the erection of 425,625 new incandescent lamps, 3,887 new arc lamps, 94 generators, with a total K. W. capacity of 11,911½; 4,661 motors, with a total H. P. capacity of 17,933 25-48.

The Inspectors have made 30,565 inspections of work being installed in buildings during the past year. Notices to the number of 2,130 have been sent to various electric-light and telegraph companies and contractors doing electrical work in the boroughs of Manhattan and The Bronx in violation of the rules and regulations of this Department. Of this number 1,779 have been attended to, leaving a balance of 462 which are now receiving attention.

The following is a table of applications received for inspection of interior wiring since the inauguration of this Bureau in 1898:

Applications received.....	1898
Certificates issued.....	11,863
	10,842

Above covers the following:

394,745 incandescent lights, 3,840 arc lights, 131 generators, K. W., 7,586 1/2; 3,234 motors, H. P., 14,999 7/8.

Applications received.....	1899
Certificates issued.....	14,949
	13,509

Above covers the following:

415,625 incandescent lights, 3,887 arc lights, 94 generators; K. W., 11,911 1/4; 4,663 motors, H. P., 17,933 25/32.

The business conducted by the Electrical Bureau of this Department for the year 1899 is 50 1/2 per cent. greater than for the preceding year, based on applications received, inspections made, permits issued, etc.

Owing to this increase of business, we have employed for the year 1899 only four additional clerks.

The following is a list of the employees of this Bureau since its inauguration in 1898:

1898—1 Chief Inspector, 14 Inspectors, 2 Clerks, 1 Stenographer, 1 Office Boy, 1 Laborer.
1899—1 Chief Inspector, 14 Inspectors, 6 Clerks, 1 Stenographer, 1 Office Boy, 1 Laborer.

Respectfully submitted,

FRANK E. BROWN, Chief Inspector.

ELECTRICAL BUREAU—BOROUGH OF MANHATTAN AND THE BRONX,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
Nos. 13 to 21 PARK ROW,
NEW YORK, January 4, 1900.

Hon. HENRY S. KEARNY, Commissioner:

SIR—I submit herewith a report of work done by the Electrical Bureau of this Department for the quarter ending December 31, 1899:

Applications received for inspection of interior wiring.....	4,272
Applications closed.....	4,184

Balance open.....	1,359
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Certificates issued for interior wiring.....	3,890
--	-------

Permits issued for signal wires.....	672
Permits issued for electric lighting.....	548
Permits issued for pole lines.....	28
Permit issued for reset pole.....	1
Permits issued for city lamp-posts.....	15
Permits issued for subsidiary connections.....	825

Total number of permits issued for outside electrical work.....	1,825
---	-------

Complaint notices issued.....	744
Complaint notices attended to.....	708

Balance receiving attention.....	462
----------------------------------	-----

Number of incandescent lamps covered by certificates.....	129,727
Number of arc lamps covered by certificates.....	1,313
Number of generators covered by certificates.....	24
Kilowatt capacity of generators covered by certificates.....	5,797
Number of motors covered by certificates.....	953
Horse-power capacity of motors covered by certificates.....	3,250 3/4
Total number of inspections made by 16 men.....	14,819

The inspectors have removed 14,000 feet or 2.65 miles of overhead wires without any additional expense to the City.

Respectfully submitted,

FRANK E. BROWN, Chief Inspector.

DOCUMENT "G."

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
BUREAU OF METER TESTS, OFFICE, No. 214 EAST NINTH STREET,
NEW YORK, March 5, 1900.

Hon. HENRY S. KEARNY, Commissioner of Public Buildings, Lighting and Supplies, Nos. 13 to 21 Park Row, New York City:

DEAR SIR—In compliance with your letter, dated March 1, 1900, I herewith submit a detailed statement of the business transactions of the Bureau of Meter Tests for the quarter ending December 31, 1899.

On October 1, 1899, the number of new meters on hand to be tested were 199. During the same month there was received 3,491, for November 1,454, for December 1,135, making a total for the quarter, including special tests, etc., 5,979, ranging in capacity from 3-light to 100-light. 5,843 were approved, tested, sealed and badged as correct with my official seal. 3 were rejected and returned for repairs and adjustment.

Thirty-two special tests were made upon request of gas companies or consumers, of which 15 were found to register fast, 13 were found slow, and 4 were found correct; also 1 experimental test, which was found correct, and of which certificates were issued bearing my official signature.

RECAPITULATION FOR QUARTER ENDING DECEMBER 31, 1899.

Oct. 1, 1899. Meters on hand to be tested.....	199
Meters received for quarter ending December 31, 1899.....	5,780

Total.....	5,979
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Dec. 31, 1899. Meters approved, tested and sealed.....	5,843
--	-------

" 31, " " rejected.....	3
" 31, " " special tests.....	32
" 31, " " experimental test.....	1

Total.....	5,879
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Dec. 31, 1899. Number of meters on hand to be tested.....	100
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Total.....	5,979
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Respectfully submitted,

ANTHONY CLINCHY, Chief Inspector.

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
BUREAU OF METER TESTS, OFFICE, No. 214 EAST NINTH STREET,
NEW YORK, March 5, 1900.

Hon. HENRY S. KEARNY, Commissioner of Public Buildings, Lighting and Supplies, Nos. 13 to 21 Park Row, New York City:

DEAR SIR—I herewith submit the following review and statement of the transactions of the Bureau of Meter Tests for the year ending December 31, 1899.

The total number of new and repaired meters received from various manufacturers and gas companies for inspection and tests were 25,046, ranging in size from 3 to 300 light capacity, of which 24,328 were found to register correct and received my official seal in the shape of a brass badge soldered on top of meter with name and number and a wax seal bearing date of inspection stamped on the edge over index of meter; 140 meters were rejected on account of registering either slow or fast, or not being sound, and were returned for repairs and readjustment.

Upon complaint and request of consumers or gas companies 548 meters (ranging in size from 3 to 300 light capacity which were in use) were received for special and official tests, and found to register as follows: 281 were fast, ranging from 2 to 10 per cent.; 196 were slow, ranging from 3 to 10 per cent.; 70 were correct, 1 not registering, for which certificates were issued bearing my official signature.

RECAPITULATION.

Jan. 1, 1899. On hand.....	371
Dec. 31, 1899. Meters received during year ending December 31, 1899.....	25,046

Total.....	25,417
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Dec. 31, 1899. Total number of meters tested and sealed during year 1899.....	24,328
---	--------

" 31, " Total number of meters rejected.....	140
--	-----

" 31, " Total number of meters returned.....	301
--	-----

" 31, " Total number of meters special test.....	548
--	-----

Jan. 1, 1900. Total number of meters on hand.....	100
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Total.....	25,417
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Respectfully submitted,

ANTHONY CLINCHY, Chief Inspector.

DOCUMENT "H."

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
BOROUGH OF BROOKLYN, January 21, 1900.

Hon. HENRY S. KEARNY, Commissioner of Public Buildings, Lighting and Supplies, Manhattan, New York, N. Y.:

DEAR SIR—I send herewith report of the operations of the Department of Public Buildings, Lighting and Supplies, Borough of Brooklyn, for the quarter ending December 31, 1899, as follows:

Very respectfully,

JAMES J. KIRWIN, Deputy Commissioner.

STATEMENT SHOWING THE AMOUNT OF REQUISITIONS FORWARDED TO THE GENERAL OFFICE FOR TRANSMISSION TO THE FINANCE DEPARTMENT.

Salaries Deputy, Clerks, Laborers, Cleaners, Janitors and Employees.....	\$42,496 55
Supplies and repairs.....	41,558 47
Lamps and lighting.....	114,488 39
Contingencies.....	246 90

Total.....	\$108,790 31
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SUMMARY STATEMENT OF CONTRACTS.

Contracts Entered Into.

None.

Contracts Completed.

TITLE.	PROPOSALS AND SOCIETIES.	AMOUNT.
Furnishing, operating and maintaining electric lamps to and including the 31st day of December, 1899, for lighting the streets, public buildings and markets of the Borough of Brooklyn, City of New York.....	Principal—Polson Electric Illuminating Company of Brooklyn. Sureties—United States Fidelity and Guaranty Company, City Trust, Safe Deposit and Surety Company of Philadelphia.....	No record.

SUPPLIES AND REPAIRS.

Borough Hall—		
Books and directories.....	\$75 00	
Carpenter work.....	455 00	
Clocks, repairing and winding.....	13 50	
Electrical work.....	101 85	
Elevator repairs.....	5 00	
Engineers' supplies.....	3 20	
Flags.....	8 50	
Furniture, carpets, etc.....	126 02	
Glazing.....	33 07	
Iron.....	57 50	
Ironwork.....	14 05	
Janitor's supplies.....	21 50	
Locksmithing.....	6 68	
Office supplies.....	69 90	
Plumbing.....	18 93	
Rental of registers.....	20 00	
Rubber goods.....	14 75	
Sales.....	575 00	
Signs.....	10 75	
Steam heating.....	104 22	
Telephone service.....	660 79	
Typewriting machines.....	138 00	
	\$4,352 41	
Municipal Building—		
Bookbinders' tools and materials.....	\$73 45	
Carpenter work and materials.....	895 88	
Chandeliers, fixtures, etc.....	196 75	
Clocks, winding and repairing.....	31 50	
Copying presses.....	43 43	
Drawing materials.....	105 73	
Drugs.....	4 93	
Electrical work and supplies.....	549 74	
Elevator repairs.....	20 50	
Engineers' supplies.....	15 00	
Flags.....	4 50	
Furniture, carpets, etc.....	554 81	
Glazing.....	38 25	
Hardware.....	95 05	
Iron.....	104 00	
Ironwork.....	5 00	
Janitor's supplies.....	42 73	
Locksmithing.....	31 05	
Office supplies.....	130 99	
Painters' supplies.....	11 03	
Painting, etc.....	113 00	
Plumbing.....	229 47	
Rental of registers.....	15 00	
Roofing.....	40 00	
Rubber goods.....	20 00	
Sales, repairing.....	5 50	
Steam heating.....	136 14	
Telephones.....	602 45	
Tiling.....	11 03	
Tin shades.....	5 50	
Window shades.....	4 00	
	\$4,196 73	
Kings County Court-house—		
Books, directories, etc.....	\$7 50	
Brushes, brooms, etc.....	24 45	
Carpenter work.....	407 31	
Coffee cans, cups, pans, etc.....	213 64	
Electrical work.....	195 00	
Flags.....	20 00	
Furniture.....	238 45	
Gas fixtures.....	5 00	
Glazing.....	56 04	
Handcuffs, straight jackets, etc.....	208 00	
Hardware.....	9 50	
Insecticide.....	150 00	
Iron work.....	472 68	
Locksmithing.....	20 00	
Mason work.....	368 47	
Oils.....	6 25	
Painting.....	50 00	
Painters' supplies.....	278 86	
Plumbing.....	381 84	
Rubber hose.....	6 00	
Soap.....	68 00	
Soft soap.....	96 50	
Steam heating.....	76 00	
Stoves, ranges, grates, etc.....	42 02	
Telephones.....	73 20	
Wash boards.....	7 50	

Hall of Records—

Carpenter work and materials.....	\$49 68
Chandeliers, etc.....	46 22
Clocks, winding and repairing.....	17 50
Drawing materials.....	12 00
Electrical work and materials.....	36 71
Engineers' supplies.....	22 00
Flags.....	87 00
Furniture.....	128 43
Glazing.....	15 02
Hardware.....	39 50
Iron.....	58 50
Locksmithing.....	1 00
Office supplies.....	18 24
Painting.....	173 00
Plumbing.....	20 05
Rental of registers.....	15 00
Telephones.....	258 70
Tiling.....	25 00
Window shades.....	42 75
Wood.....	4 00
	\$1,050 30

Kings County Jail—

Books, directories, etc.....	\$7 50
Brushes, brooms, etc.....	24 45
Carpenter work.....	407 31
Coffee cans, cups, pans, etc.....	213 64
Electrical work.....	195 00
Flags.....	20 00
Furniture.....	238 45
Gas fixtures.....	5 00
Glazing.....	56 04
Handcuffs, straight jackets, etc.....	208 00
Hardware.....	9 50
Insecticide.....	150 00
Iron work.....	472 68
Locksmithing.....	20 00
Mason work.....	368 47
Oils.....	6 25
Painting.....	50 00
Painters' supplies.....	278 86
Plumbing.....	381 84
Rubber hose.....	6 00
Soap.....	68 00
Soft soap.....	96 50
Steam heating.....	76 00
Stoves, ranges, grates, etc.....	42 02
Telephones.....	73 20
Wash boards.....	7 50

Kings County Jail—		Municipal Courts—		Public Baths—		East New York Branch, No. 29 Pennsylvania avenue—	
Wash linens.....	\$8 75	First District:		Merthong.....	\$1,050 00	Architect's fees.....	\$75 00
Wash tags.....	1 50	Awnings.....	\$5 00	Carpenter work.....	25 00	Ash cans, etc.....	7 57
Window shades.....	7 80	Stores.....	12 00	Oil.....	3 00	Carpenter work.....	87 00
Wood.....	45 00	Wood.....	8 00	Stamps.....	525 00	Clocks.....	10 20
	\$3,546 48		\$25 00	Stoves.....	30 00	Furniture, carpets, etc.....	\$11 00
				Wharfage.....	7 50	Gas fixtures.....	7 34
					\$1,641 10	House-furnishing supplies.....	30 00
Disciplinary Training School—		Second District:		Department of Bridges—		Janitor's supplies.....	50 50
Carpenter work.....	\$3,223 46	Awnings.....	\$6 00	Furniture.....	\$13 00	Matting.....	50 71
Disinfectants.....	35 31	Brushes.....	3 00	Office supplies.....	6 15	Office supplies.....	1 00
Electrical work.....	110 00	Ice.....	1 77			Rubber tips.....	6 00
Engineers' supplies.....	18 00	Locksmithing.....	9 00			Signs.....	95 00
Fence wire.....	83 00	Stores.....	17 50			Steam heating.....	14 01
Flanging.....	117 00	Telephone service.....	77 15			Towels.....	4 00
Grading.....	490 00	Wood.....	8 00				\$579 12
Hardware.....	18 36		\$122 42	Board of Public Improvements—			
Macadamizing.....	727 26	Third District:		Carpenter work.....	\$511 00		
Mason work.....	919 40	Awnings.....	\$2 80	Clocks.....	18 50		
Painting.....	188 00	Glazing.....	5 40	Casplidors, etc.....	6 20		
Plumbing.....	40 00	Ice.....	3 25	Furniture.....	130 08		
Steam heating.....	1,068 95	Steam heating.....	20 55	Janitor's supplies.....	3 25		
Stoves, ranges, grates, etc.....	22 00	Telephones.....	57 95	Safe.....	100 00		
Telephones.....	74 20		\$80 95	Telephone service.....	37 22		
	\$5,121 94				\$897 45		
Sturhouse—		Fourth District:		Public Libraries—			
Rooms.....	\$10 40	Awnings.....	\$6 00	Central Branch, No. 26 Brevoort place:			
Carpenter work.....	200 00	Ice.....	3 25	Architect's fees.....	\$88 47		
Disinfectants.....	25 00		\$9 25	Ash cans, etc.....	7 57		
Gas fitting.....	5 00	Fifth District:		Carpenter work.....	175 00		
Hardware.....	86 19	Ice.....	\$3 25	Clocks.....	10 20		
Insurance.....	40 43	Stores.....	4 00	Furniture, carpets, etc.....	473 10		
Painters' supplies.....	54 58	Telephone service.....	25 60	Hardware.....	12 69		
Removing rubbish.....	50 00		\$32 85	House-furnishing supplies.....	44 50		
Rubber goods.....	56 28			Iron work.....	26 07		
Telephones.....	38 60			Janitor's supplies.....	62 55		
Wood.....	8 00			Office supplies.....	3 80		
	\$574 48			Plumbing.....	1 40		
City Magistrates' Courts—		Armories—		Ranges.....	35 00		
First District:		Thirteenth Regiment:		Signs.....	125 00		
Awnings.....	\$1 50	Asbestos cloth.....	\$3 00	Towels.....	4 00		
Carpenter work.....	25 00	Carpenter work.....	\$8 98		\$1,000 05		
Clocks.....	3 50	Mason work.....	334 00				
Furniture.....	13 25	Painting.....	68 75				
Gas heater.....	21 50	Plumbing.....	15 00				
Janitor's supplies.....	2 00	Roofing.....	95 00				
Painting.....	3 24	Steam heating.....	4 00				
Plumbing.....	26 50	Telephone service.....	\$3 40				
Roofing.....	49 80		\$632 20				
Telephone service, court-room.....	43 55	Fourteenth Regiment:					
Telephone service, residence.....	25 00	Carpenter work.....	\$160 00				
	\$214 70	Furniture and carpets.....	305 00				
Second District:		Glazing.....	0 45				
Glazing.....	\$2 60	Hot-water boiler.....	25 00				
Ice.....	2 38	Locksmithing.....	3 70				
Telephone service, court-room.....	41 45	Plumbing.....	30 00				
Telephone service, residence.....	25 00	Steam heating.....	65 00				
	\$71 43	Telephone.....	39 65				
Third District:			\$632 50				
Awnings.....	\$2 80	Twenty-third Regiment:					
Carpenter work.....	13 00	Asbestos.....	\$23 70				
Furniture.....	7 50	Electrical work.....	30 27				
Locksmithing.....	3 25	Furniture.....	22 00				
Painting.....	10 00	Glazing.....	13 04				
Telephone service, court-room.....	45 20	Hardware.....	2 30				
Telephone service, residence.....	28 45	Steam heating.....	16 00				
	\$110 26	Telephone service.....	87 50				
Fourth District:		Wood.....	24 00				
Ice.....	\$3 25		\$225 61				
Plumbing.....	26 15	Forty-seventh Regiment:					
Steam heating.....	20 00	Furniture and carpets.....	\$150 00				
Telephone service, court-room.....	69 35	Glazing.....	24 86				
Telephone service, residence.....	26 00	Steam heating.....	30 00				
	\$144 75		\$204 86				
Fifth District:		Troop C:					
Furniture.....	\$30 00	Furniture.....	\$740 00				
Glazing.....	3 23	Plumbing.....	30 00				
Telephone service, court-room.....	40 35	Steam heating.....	100 00				
Telephone service, residence.....	13 30	Telephone service.....	53 30				
	\$86 88	Wood.....	8 00				
Sixth District:			\$631 30				
Awnings.....	\$2 80	Second Signal Corps:					
Electrical work.....	11 97	Plumbing.....	\$125 00				
Furniture, carpets, etc.....	87 00	Steam heating.....	74 00				
Ice.....	3 25	Telephone service.....	95 70				
Locksmithing.....	2 35	Wood.....	4 00				
Telephone service, court-room.....	47 50		\$468 70				
Telephone service, residence.....	28 40						
	\$183 27	Third Battery:					
Seventh District:		Carpenter work.....	\$20 03				
Books (law).....	\$5 00	Mason work.....	139 40				
Furniture.....	7 50	Steam heating.....	34 00				
Glazing.....	4 26	Telephone service.....	21 25				
Ice.....	3 38		\$214 74				
Mason work.....	178 75	Second Naval Battalion:					
Matting.....	7 50	Carpenter work.....	\$210 00				
Plumbing.....	125 40	Office supplies.....	2 00				
Rubber mats.....	7 50	Stoves.....	54 75				
Soap.....	2 40	Telephone service.....	53 45				
Stoves, etc.....	3 50		\$320 20				
Telephone service, court room.....	39 15						
Telephone service, residence.....	25 00	Headquarters Second Brigade:					
Towels.....	1 60	Telephone service.....	\$22 95				
Typewriting machine.....	130 00						
	\$539 94	Wallabout Market, Administration Building—					
Eighth District:		Carpenter work.....	\$6 00				
Awnings.....	\$1 50	Clocks, repairing.....	28 67				
Ice.....	3 75	Janitor's supplies.....	1 00				
Paving.....	123 80	Telephone.....	46 90				
Steam heating.....	19 10	Wood.....	4 00				
Telephone service, court room.....	43 85		\$86 57				
Telephone service, residence.....	25 00	Wallabout Market, Sweeping—					
	\$217 21	Brooms.....	\$12 00				
		Oil.....	3 25				
		Repairs to sweeping machine.....	85 50				
			\$100 75				

RECAPITULATION—SUPPLIES AND REPAIRS.

Borough Hall.....	\$8,352 41
Municipal Building.....	8,106 71
County Court-house.....	3,608 61
Hall of Records.....	1,050 30
County Jail.....	3,546 48
Disciplinary Training School.....	5,121 94
Storehouse, Public Buildings, Lighting and Supplies.....	574 45
City Magistrate's Court, First District.....	214 70
" " " " Second District.....	71 43
" " " " Third District.....	110 26
" " " " Fourth District.....	144 75
" " " " Fifth District.....	86 88
" " " " Sixth District.....	183 27
" " " " Seventh District.....	530 84
" " " " Eighth District.....	217 21
Municipal Court, First District.....	85 00
" " " " Second District.....	122 42
" " " " Third District.....	80 05
" " " " Fourth District.....	0 85
" " " " Fifth District.....	32 85
Armories, Thirteenth Regiment.....	632 20
" " " " Fourteenth Regiment.....	632 50
" " " " Twenty-third Regiment.....	225 61
" " " " Forty-seventh Regiment.....	204 86
" " " " Troop "C".....	931 50
" " " " Second Signal Corps.....	468 70
" " " " Third Battery.....	214 74
" " " " Second Naval Battalion.....	320 20
Headquarters Second Brigade.....	22 95
Wallabout Market, Administration Building.....	80 57
Wallabout Market, Sweeping.....	100 75
Public Baths.....	1,641 10
Department of Bridges.....	19 15
Board of Public Improvements.....	897 45
Public Libraries, Central Branch, No. 26 Brevoort place.....	1,000 05
" " " " Eastern District Branch, No. 380 Bedford avenue.....	1,090 10
" " " " East New York Branch, No. 29 Pennsylvania avenue.....	679 22
" " " " Southern Branch, Fourth avenue and Forty-eighth street.....	722 03
Firemen's Hall, Eastern District.....	899 13
Old Ninth Precinct Station-house.....	161 50
Horse keep.....	829 90
Miscellaneous.....	15 00
Total.....	\$14,163 47

Lamps and Lighting.

	Burning On-TOBER 1, 1899.	ADDED.	EXTINGUISHED.	Burning De-CEMBER 31, 1899.
Gas lamps.....	11,097	294	201	11,190
Welsbach.....	2,078	238	117	2,200
Naptha.....	273	31	111	294
Electric, 1,000 candle power.....	4,795	72	47	4,820
Electric, 500 candle power.....	212	112	100	224

Permits Granted.

	OVERHEAD WIRES.	SUBWAY CON- DUCTIONS.	UNDER- GROUND CONDUCTIONS.	TOTAL.
Brooklyn Heights Railroad Company.....	24	—	4	28
Citizens' Electric Illuminating Company.....	147	3	—	150
Coney Island and Brooklyn Railroad Company.....	7	—	—	7
Commercial Cable Company.....	—	—	2	2
Edison Electric Illuminating Company.....	8	173	9	189
Flatbush Gas Company.....	10	4	—	14
Fire Department.....	2	—	—	2
Kings County Electric Light and Power Company.....	—	8	—	8
Municipal Electric Light Company.....	59	—	—	59
New York and New Jersey Telephone Company.....	897	—	38	935
Postal Telegraph Company.....	2	—	—	2
Stock Exchange Telegraph Company.....	13	—	—	13
Union District Messenger Company.....	7	—	—	7
Western Union Telegraph Company.....	5	—	—	5
	1,101	208	47	1,456
Permits refused and pending action.....	33	4	—	37
Total number applications received.....	1,134	212	47	1,493

Number of miles of overhead wire removed.....	87.6
Number of applications for interior wiring certificates.....	888
Number of certificates granted—	
Incandescent lamps, 20,308	
Are lamps, 846	
R. W. of generators, 862½	
H. P. of motors, 909½	
Number of interior wiring inspections made.....	2,192
Number of meters certified, routine.....	4,430
Number of meters proved and sealed (complaint).....	21
Number of meters proved and rejected (complaint).....	26
Number of photometric tests of illuminating gas.....	3

	Iron.	Wood.
Erected.....	118	541
Removed.....	1	7
Total.....	119	548

*Tonnage.

CITY OF NEW YORK—BOROUGH OF BROOKLYN,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
OFFICE OF DEPUTY COMMISSIONER, ROOM NO. 29, MUNICIPAL BUILDING,
April 3, 1900.

Hon. PETER J. DOOLING, Acting Commissioner, Public Buildings, Lighting and Supplies, No. 21 Park row, Manhattan, New York, N. Y.:

DEAR SIR—I respectfully submit herewith the Annual Report of the Brooklyn Borough Department of Public Buildings, Lighting and Supplies for the year ending December 31, 1899. It sets forth in detail the operations of this local branch of the Municipal government for the twelve months preceding the advent of my control of the Department. The report of the work of the three bureaus into which this Department is practically divided, i. e., Public Buildings (Repairs and Supplies), Lamps and Lighting (Streets and Buildings) and Gas and Electricity, is arranged under those respective captions. Other subjects that warrant it—notably the coal supply—are treated under separate divisions.

Very respectfully,

JAMES J. KIRWIN, Deputy Commissioner.

BUREAU OF PUBLIC BUILDINGS AND SUPPLIES,
April 2, 1900.

Hon. JAMES J. KIRWIN, Deputy Commissioner, Department of Public Buildings, Lighting and Supplies, Borough of Brooklyn, New York, N. Y.:

DEAR SIR—I have the honor to submit the annual report of this Bureau for the year 1899. Very respectfully,

E. S. WHITE, Assistant Engineer.

BOROUGH HALL.

Repairs.

The amount expended in 1899 for repairs to the Borough Hall is small in comparison to former expenditures, nevertheless, many improvements and necessary alterations have been made. A partition has been erected in the Inspectors' Room, Department of Buildings; a new floor laid in Room 13; doors fitted, shelving placed, and other carpenter work as required. Interior painting and calcimining have been done on the basement, stairways, corridors and some of the rooms. Signs have been placed as requested by the several departments in occupation. The elevator has been overhauled and placed in good condition; the steam heating apparatus has been repaired and three new radiators added; and the brickwork of the furnace has been relaid. The roof has been repaired as found necessary, and the usual amount of plumbing, glazing, etc., necessary to keep the building in good repair, has been done.

The following list shows the repairs done and the actual cost:

Awning repairs.....	\$18 75	Painting.....	\$605 60
Carpenter work.....	900 50	Plastering.....	43 00
Electric repairs.....	220 15	Plumbing.....	230 33
Elevator repairs.....	158 25	Repairing tower clock.....	54 30
Glazing.....	51 17	Roofing.....	311 65
Hardware for repairs.....	45 40	Signs.....	189 85
Ironwork.....	91 60	Steam-fitting, etc.....	548 97
Locksmithing.....	124 78	Tiling.....	20 25
Lumber.....	7 20		
Mason work.....	107 28		
			\$3,735 15

Supplies.

In addition to the regular Janitor's, Engineers' and office supplies, the old furniture has been thoroughly renovated and repaired. For the purpose of making the various offices comfortable during the heated term, twenty-four electric fans have been installed. Safes have been supplied to the Departments of Buildings and Corrections, and typewriting machines to the Department of Buildings and the Auditing Bureau, Department of Finance.

Following is a statement of the items of expenses incurred for goods enumerated:

Atlases.....	\$83 00	Drugs.....	\$1 00
Awnings.....	68 95	Electric power.....	685 44
Books, directories, etc.....	79 50	Electric supply.....	327 40
Check punch.....	35 00	Engineer's supplies.....	33 10
Clocks, repairing, etc.....	51 00	Fire-alarm registers.....	80 00
Draughting material and instru- ments.....	36 09	Flags.....	133 88
		Furniture, carpets, etc.....	1,576 23

Janitor's supplies.....	\$413 24	Sawdust.....	\$8 00
Hardware.....	83	Soap.....	27 18
Ice.....	272 13	Towels, etc.....	24 36
Neostyle.....	50 00	Typewriting machines.....	345 61
Office supplies.....	201 58	Water-coolers.....	23 00
Registers (rental of Watchmen's).....	80 00	Window safety appliances.....	53 00
Rubber goods.....	29 50	Window shades.....	40 21
Safes.....	515 00		
Salt.....	2 50		
Sand.....	2 00		
			\$5,279 54

MUNICIPAL BUILDING.

Repairs.

The accommodations afforded by the Municipal Building are totally inadequate for the proper lodgment of the departments located therein, including the

Department of Taxes and Assessments.

Collection of Taxes,
Arrears,
Police,
Water Supply,
Highways,
Sewers,
Public Buildings, Lighting and Supplies,
Street Cleaning, etc.

More toilet accommodation is badly needed, especially on the first and fourth floors, where the number of persons per closet average 19 and 30 respectively. The closets are not only too few, but are in an unsanitary condition, which, considering the crowded state of the building, is dangerous to health. The number should be increased and the old-style plumbing be replaced by modern sanitary appliances.

In 1898 the sum of \$20,000 was set aside for alterations in the interior arrangements. Plans and specifications were drawn and approved, and bids advertised for, but the Municipal Assembly failed to grant the proper authority for proceeding with the work.

During the past year so much has been done to provide the facilities demanded by the departments as the appropriation allowed, but it falls far short of the necessary requirements.

Among the more important work accomplished may be mentioned the partitioning of rooms of the Police, Highways and Sewer Departments, fitting them with necessary shelving and closets for books, maps, etc., painting and renovating the rooms of the Department of Highways, Sewers and Public Buildings, Lighting and Supplies, new ceiling to room 53, etc. The heating apparatus, including boilers, has been overhauled and repaired. This is, however, only a temporary measure, as two of the three boilers are in poor condition, and it will be necessary to replace one of them in 1900 and one in 1901.

The electric-lighting plant has been extended and improved; large areas of the roof have been repaired or renewed, but further repairs will be needed from time to time as the roof is not in first-class condition.

Three new fire-escapes have been erected, in pursuance of an order of the Department of Buildings, one on the rear end and one on each side of the building.

Three new ash-pits have been built in the boiler-room.

Following are the amounts expended for the classes of work stated:

Awning repairs.....	\$64 30	Lumber.....	\$108 50
Carpenter work.....	3,508 78	Mason work.....	375 67
Electric repairs.....	801 54	Painting, etc.....	1,126 16
Elevator repairs.....	35 50	Plastering.....	61 00
Fire-escapes.....	659 00	Plumbing.....	360 26
Gas fixtures.....	260 92	Roofing.....	757 97
Glazing.....	189 63	Steam-fitting.....	1,527 48
Hardware.....	100 04	Tiling.....	19 88
Ironwork.....	212 33		
Locksmithing.....	92 35	Total.....	\$10,297 51

Supplies.

The number of Borough Departments located in this building necessarily entails a large expenditure for supplies. Considerable furniture and office equipment has been furnished to meet the needs of the Departments through the natural increase of work.

Bookbinders' machinery and material have been furnished to the Department of Finance—Bureau of Assessments and Arrears; seventeen electric fans have been distributed throughout the building; safety window appliances have been fixed to prevent accident to cleaners. Several Inspectors of this Department have been equipped with bicycles. This was intended to facilitate their transportation to the various localities of inspection and was expected to reduce the expense for car fare tickets. It does not, however, appear to have accomplished the latter object.

The items of expenditure for the various classes of supplies follow below:

Awnings.....	\$88 25	Janitor's supplies.....	\$361 37
Badges.....	36 50	Maps.....	234 55
Bicycles.....	359 07	Moving safes.....	5 50
Bookbinders' machines and materials.....	304 35	Office supplies.....	395 31
Books, directories, etc.....	125 50	Painters' supplies.....	13 60
Clocks, including repairing and winding.....	94 40	Picture frame moulding and backing.....	22 60
Copying presses.....	102 85	Rental of Watchmen's registers.....	60 00
Disinfectants.....	25 00	Rubber goods.....	108 90
Draughting materials.....	355 30	Signs.....	92 00
Drugs.....	3 43	Soap.....	39 06
Electric power.....	17 81	Time stamp.....	65 00
Electric supplies.....	340 03	Towels.....	11 00
Engineers' supplies.....	183 45	Typewriting machines.....	301 50
Flags.....	4 50	Water coolers.....	28 00
Furniture and carpets.....	2,323 59	Window safety appliances.....	86 20
Hardware.....	90 05	Window shades.....	18 60
Ice.....	434 49		
			\$6,991 76

KINGS COUNTY COURT-HOUSE.

Repairs.

Considerable carpenter, painting, plumbing and electric work was done in this building during the past year. Closets for clothes and books and book-shelves have been built in the Clerks' rooms of the several divisions of the Supreme Court and Coroner's office; a partition removed and sundry carpenter work in Room No. 16; a new partition and 7 closets in Room No. 49, etc. The Coroner's former office has been connected with and made part of the Sheriff's office. The stairways, sidewalks and ceiling of Rooms Nos. 16, 31 and 34 have been painted and decorated. New plumbing and closets have been installed in Rooms Nos. 31 and 34, and the plumbing throughout the building repaired where necessary.

A thirty-inch Blackmore ventilator has been fixed in Room No. 23, and the electric light system of the building improved and extended.

The brickwork to the boilers has been thoroughly repaired and new sets of grate-bars placed; also a new radiator.

Other repairs have been made as found necessary; the cost of the various classes of work being as follows:

Awning repairs.....	\$7 20	Plastering.....	\$6 00
Carpenter work.....	1,545 38	Plumbing.....	996 92
Electrical work.....	250 68	Roofing.....	40 42
Gas fittings.....	10 00	Signs.....	12 00
Glazing.....	106 14	Steam fitting.....	404 64
Hardware.....	2 85	Tiling.....	80 00
Ironwork.....	106 91	Ventilator, "Blackmore".....	377 00
Locksmithing.....	63 25		
Mason work.....	306 62		
Painting.....	1,426 55		
			\$5,748 50

Supplies.

The supplies to the Kings County Court-house consist chiefly of furniture and books. The Janitor's office and other supplies delivered during the year 1899 were moderate and usual quantities. Electric fans (seventeen) were installed in the court rooms and offices, and safety window appliances placed for the protection of cleaners.

Following are the items of expense:

Awnings.....	\$75 80	Electric supply.....	\$658 18
Books, directories, etc.....	965 85	Engineers' supplies.....	48 29
Clocks, including winding and re- pairing.....	72 82	Furniture and carpets.....	1,526 07
Disinfectants.....	50 00	Hardware.....	28 55
		Ice.....	424 00

Janitor's supplies.....	\$505 43	Water coolers.....	\$19 00
Office supplies.....	117 24	Window safety appliances.....	58 66
Painters' supplies.....	3 00	Window shades, poles, etc.....	59 22
Refrigerators.....	10 00	Wood.....	68 00
Rental of Watchmen's registers.....	60 00		
Rubber goods.....	7 20		
Safes.....	260 00		
Typewriting machines.....	575 25		
			\$5,230 56

HALL OF RECORDS.

Repairs.

A number of stationery drawers and closets have been built and some interior changes made to suit the convenience of the public offices. In conformity with the Building Law two fire-escapes have been erected. The exterior of the west gable, the skylights and a portion of the interior have been painted; also, the brickwork above the roof washed with cement and painted. The plot in the rear has been sodded and laid out with shrubs and flower beds, converting a rubbish lot into a pleasant looking green spot.

The items of cost are stated below:

Awning repairs.....	\$5 75	Mason work.....	\$162 00
Carpenter work.....	817 78	Painting.....	916 78
Electrical work.....	226 62	Plastering.....	28 00
Fire-escapes.....	262 00	Plumbing.....	356 26
Glazing.....	19 77	Steam heating.....	130 00
Hardware.....	42 50	Tiling.....	25 00
Improving lot.....	450 00	Wire netting.....	33 75
Iron work.....	81 60		
Locksmithing.....	12 35		
			\$3,570 16

Supplies.

The supplies to the Hall of Records during the year 1899 call for no special remarks, as they were only those necessary for the proper conduct of the regular routine work. A number of chairs and desks were renovated and repaired, and a small amount of new furniture supplied. Window safety appliances were affixed to the building.

The items of expenditure follow below:

Awnings.....	\$179 65	Maps.....	\$60 00
Books, directories, etc.....	107 00	Office supplies.....	135 09
Clock, including repairing and wind- ing.....	70 00	Picture molding, etc.....	15 52
Cupboards.....	18 55	Rental of Watchmen's registers.....	60 00
Draughting materials.....	65 34	Rubber goods.....	7 70
Electrical supplies.....	308 46	Typewriting machines.....	121 00
Engineers' supplies.....	21 30	Water coolers.....	46 00
Flags.....	96 75	Window safety appliances.....	102 60
Furniture.....	457 96	Window shades.....	1 50
Hardware.....	13 43	Wood.....	4 00
Ice.....	244 75		
Janitor's supplies.....	290 30		
			\$2,326 92

KINGS COUNTY JAIL.

Repairs.

The County Jail is continually in need of extensive repairs, particularly to its plumbing and steam heating plant. During the past year furnaces of the boilers have been relined and the brickwork rebuilt. New grate bars, clean out door and frame and new valves have also been placed, and the steam coils overhauled and repaired.

The parapet walls of the old female prison have been removed to a level of the moulded belt course, and all dangerous and weather-beaten stone redressed. New concrete floor has been laid in the cook house, the stable repaired, repairs to iron bars of four windows made and new steel bars to eight windows placed.

The male prison has been connected with the city fire-alarm system, and several minor inside improvements made.

The expense incurred for the various classes of work is appended:

Awning repairs.....	\$5 85	Painting.....	\$49 89
Carpenter work.....	612 29	Plumbing.....	1,376 16
Electrical work.....	200 85	Ranges, repairing, etc.....	52 42
Gas fixtures.....	5 00	Roofing.....	301 20
Glazing.....	92 85	Steam heating.....	1,391 34
Ironwork.....	656 68		
Locksmithing.....	74 25		
Mason work.....	1,380 30		
			\$6,193 18

Supplies.

The larger items of expense incurred for supplies to this building are for shoes, blankets, cleaning materials, insecticides and paints. 500 pairs of men's and 500 pairs of women's shoes and 200 pairs of blankets were furnished in 1899.

The cost of the various articles supplied is stated below:

Ash cans.....	\$75 00	Photographs of Female Prison.....	\$12 00
Awnings.....	15 50	Ropes, lines, etc.....	36 85
Blankets.....	439 00	Shoes.....	1,150 00
Books, directories, etc.....	7 50	Soap and sponges.....	144 70
Brushes, brooms, etc.....	38 98	Soft soap.....	423 50
Coffee cans, pans, etc.....	262 51	Stoves.....	25 00
Engineers' supplies.....	20 08	Straw.....	59 20
Flags.....	12 75	Tools.....	10 40
Furniture.....	473 45	Washboards.....	5 00
Handcuffs, etc.....	208 00	Water coolers.....	16 50
Hardware.....	1 00	Wax tapers.....	4 25
Hose and couplings.....	13 18	Window shades.....	7 80
Insecticides.....	1,108 36	Wood.....	102 00
Iron bedsteads.....	147 00		
Matches.....	3 50		
Painters' supplies.....	651 92		
			\$5,467 77

DISCIPLINARY TRAINING SCHOOL FOR BOYS.

Repairs.

The care of the buildings of this institution, comprising one brick and one frame building, has entailed a heavy task on the officials and a great drain on the resources of this Department. The large sums spent in repairs and alterations to the present buildings, which are wholly inadequate and unsuitable for their purpose, would materially aid in providing a new structure, built with a view to the needs and conveniences of the institution.

On March 16, 1899, a fire broke out in the brick building, totally destroying the roof and upper floor, and resulting in great damage by water to the remainder of the structure. Steps were immediately taken to render the building habitable by repairing the walls and preparing them to support a temporary roof. A gang of laborers was employed to clear away the debris, and temporary shelter was provided in a very few days.

An application was made to the Department of Buildings for permission to increase the height of the brick building two stories, which was refused on account of its not being fireproof.

In September the Board of Estimate and Apportionment appropriated \$20,000 for the purpose of restoring the building to its former condition, and plans and specifications were prepared, submitted and approved, but owing to the inaction of the Municipal Assembly it became absolutely necessary to put the building in such shape as would insure ordinary comfort for the inmates; and for this purpose a sum of \$2,500 was expended from the special appropriation in addition to the repairs that had to be made from time to time to prevent the structure from further deterioration.

The cesspools, which were a continual source of trouble and expense, have been cleaned, tiled in and disinfected, and proper sewer connections made. A macadamized road has been laid from the Eighteenth avenue entrance, the yard graded, entrances and gates widened and flagging laid.

The plumbing work has been largely repaired and renewed, the steam-heating plant overhauled, new connection made with low-pressure boiler, old tubes replaced by new ones; new grates, bearing bars, etc.; and new radiators, pipes, etc., placed. Proper electric appliances have been installed for arc lights, etc.

The amount of money expended during the past two years, including the \$2,500 from the extra appropriation, has reached a very considerable sum, viz.: For repairs, \$21,723.27; supplies, \$1,844.06; gas, \$1,079.05; and coal, \$2,590.14, making a total of \$27,236.52.

The expenditures for repairs for 1899 were as follows:

Builders' hardware.....	\$117 45	Mason work.....	\$1,030 00
Carpenter work.....	1,097 03	Painting.....	314 30
Cleaning, filling, etc., cesspools.....	1,338 75	Plumbing.....	736 20
Electrical work.....	311 54	Removing rubbish.....	60 00
Flagging.....	117 00	Roofing.....	413 09
Glazing.....	69 14	Steam fitting.....	1,345 19
Grates.....	12 50	Wire for fencing.....	83 00
Grading.....	496 00		
Lumber.....	288 00		
Macadamizing road.....	727 26		
			\$9,456 45

Supplies.

Two fire-alarm boxes (Gamewell's) have been installed and connected with the city fire-alarm system. Eleven fifty-foot lengths of two-inch hose and nozzles were added to the fire equipment. Other supplies were furnished on requisition, the expenditures for same being:

Disinfectants.....	\$66 30	Janitor's supplies.....	\$3 70
Electric supplies.....	22 40	Paints.....	19 15
Engineers' supplies.....	193 73	Ranges, etc.....	25 55
Fire-alarm boxes.....	400 00	Rubber goods, hose, etc.....	243 73
Glass.....	75 24		
Hardware.....	102 15		
			\$1,151 35

CITY MAGISTRATES' COURTS.

Nothing calling for special mention has been done to the court buildings, eight in number, except in one case, but necessary repairs, mainly plumbing and some inside painting, have been made as from time to time became necessary. The one exception is the Seventh District Court, where the old cesspits have been filled in and the plumbing thoroughly overhauled and connected with the city sewer system. The usual janitors' and other supplies have been furnished on requisition as approved.

The charges for the various services and supplies are as follows:

First District—		Fifth District—	
Repairs:		Repairs:	
Carpenter work.....	\$27 30	Carpenter work.....	\$12 41
Electrical work.....	31 04	Electrical work.....	5 70
Glazing.....	5 61	Gas fixtures.....	6 00
Locksmithing.....	7 50	Glazing.....	3 00
Painting.....	97 72	Painting.....	238 15
Plastering.....	35 02	Plumbing.....	77 02
Plumbing.....	101 21		
Roofing.....	152 29		
Steam fitting.....	3 30		
	\$460 99		\$362 88

Supplies:		Supplies:	
Awning.....	\$31 15	Ash cans.....	\$4 00
Books.....	4 50	Books.....	4 50
Clocks.....	3 50	Furniture.....	10 52
Copying press.....	20 10	Hardware.....	1 10
Disinfectants.....	25 00	Ice.....	15 38
Furniture.....	75 54	Janitor's supplies.....	98 42
Ice.....	13 38	Window shades.....	8 00
Janitor's supplies.....	120 80	Wood.....	2 00
	\$293 97		\$143 92

Second District—		Sixth District—	
Repairs:		Repairs:	
Carpenter work.....	\$22 14	Carpenter work.....	\$13 48
Glazing.....	3 60	Electrical work.....	11 97
Painting.....	90 54	Locksmithing.....	3 10
Plumbing.....	14 76	Painting.....	103 95
Steam fitting.....	13 50		
	\$144 54		\$152 50

Supplies:		Supplies:	
Books.....	\$4 50	Awning.....	\$31 15
Disinfectants.....	50 00	Books.....	11 50
Drugs.....	3 00	Clocks.....	3 50
Furniture.....	3 75	Disinfectants.....	25 00
Hardware.....	1 35	Furniture.....	225 25
Ice.....	17 76	Ice.....	15 38
Janitor's supplies.....	113 68	Janitor's supplies.....	131 90
Rubber goods.....	9 00	Window shades.....	54 38
Wood.....	12 00		
	\$215 04		\$478 61

Third District—		Seventh District—	
Repairs:		Repairs:	
Electrical work.....	\$11 28	Carpenter work.....	\$71 90
Glazing.....	16 15	Filling in cesspools.....	114 00
Locksmithing.....	3 25	Glazing.....	10 91
Painting.....	31 74	Mason work.....	198 75
Plastering.....	17 00	Plumbing.....	259 46
Plumbing.....	4 18	Roofing.....	108 20
Steam fitting.....	26 30	Steam fitting.....	51 41
	\$109 90		\$814 63

Supplies:		Supplies:	
Awning.....	\$76 95	Books.....	\$8 50
Books.....	4 50	Furniture.....	12 24
Clocks.....	2 50	Ice.....	8 79
Furniture.....	36 85	Janitor's supplies.....	91 40
Ice.....	15 38	Man.....	7 50
Janitor's supplies.....	113 76	Towels.....	3 00
Typewriter repairs.....	12 00	Wood.....	8 00
	\$261 94		\$139 43

Fourth District—		Eighth District—	
Repairs:		Repairs:	
Carpenter work.....	\$7 00	Carpenter work.....	\$3 29
Gas fixtures.....	1 60	Mason work.....	123 80
Glazing.....	6 00	Plumbing.....	20 30
Locksmithing.....	9 75	Steam fitting.....	19 31
Painting.....	151 45		
Plumbing.....	96 38		
Steam fitting.....	17 48		
	\$289 66		\$166 60

Supplies:		Supplies:	
Books.....	4 50	Awning.....	\$29 40
Furniture.....	16 50	Books.....	4 50
Ice.....	15 75	Ice.....	18 13
Janitor's supplies.....	98 19	Janitor's supplies.....	66 36
Window shades.....	21 15	Typewriters.....	128 25
	\$156 09		\$246 84

MUNICIPAL COURTS.

The repairs to the Municipal Court buildings were few, all but the Third District Court being leased and the structural repairs made by the owners. The usual supplies, furniture, etc., were furnished as required.

The cost of the repairs and supplies was as stated below:

First District—		Supplies:	
Repairs:		Awning.....	\$33 30
Plumbing.....	\$42 45	Furniture.....	10 00
Steam-fitting.....	12 00	Ice.....	15 75
		Janitor's supplies.....	52 47
		Wood.....	4 00
			\$115 42
Second District—		Fourth District—	
Repairs:		Repairs:	
Carpenter work.....	\$55 25	Carpenter work.....	\$15 00
Locksmithing.....	10 03	Painting.....	16 00
Replating stoves.....	12 00		
			\$31 00
		Supplies:	
		Awning.....	\$5 10
		Clocks.....	1 50
		Furniture.....	150 05
		Ice.....	16 88
		Janitor's supplies.....	57 14
			\$243 47
Third District—		Fifth District—	
Repairs:		Repairs:	
Carpenter work.....	\$38 00	Carpenter work.....	\$2 81
Glazing.....	5 40	Gas fixtures.....	35 00
Hardware.....	6 00	Mason work.....	4 00
Locksmithing.....	4 00		
Painting.....	60 05		
Plumbing.....	27 28		
Roofing.....	10 25		
Steam-fitting.....	35 47		
			\$67 81
		Supplies:	
		Books.....	\$7 00
		Furniture.....	99 64
		Hardware.....	1 45
		Ice.....	18 01
		Janitor's supplies.....	53 50
			\$170 10

FREE PUBLIC FLOTTING BATHS.

The work of preparing these baths for the summer season of 1899 was commenced on March 10, at their winter quarters in the Van Winkle. The pontoons were repaired and caulked, and the superstructures thoroughly overhauled and repainted, considerable carpenter work being found necessary. All the interiors were painted and put in good clean condition.

Orders were issued on June 6 to J. H. Van Winkle to tow the five baths to their summer stations.

- No. 1. Foot of Forty-third street.
No. 2. Foot of North Second street.
No. 3. Foot of Noble street.
No. 4. Foot of Commerce street.
No. 5. Foot of Bridge street.

The necessary platforms were attached and they were opened to the public. Considerable repairs were found necessary from time to time owing to the wash from passing steamers continually striking the pontoons. This is believed to have caused the sinking of Bath No. 4 on August 14, which sustained considerable extra expenditure to raise and take it into winter quarters, as it was found impracticable to put it into sufficient repair for further service that season.

The bathing season closed on September 25. During the summer, 610,719 bathers were accommodated at a cost, including salaries to attendants, of \$11,980 54.

The items of expense for repairs and supplies were as follows:

Repairs—		Repairs—	
Berthing.....	\$1,050 00	Repairing of pontoons.....	\$796 09
Canvas screens.....	70 50	Storage.....	1,050 70
Carpenter work.....	2,500 22	Stoves.....	30 60
Caulking.....	115 75	Towing.....	210 00
Filling in holes in walls.....	65 00	Wharfage.....	7 50
Ironwork.....	26 00		
Painting.....	1,385 00		
Plumbing.....	52 64		
Pumping pontoons to take bath.....	345 00		
			\$8,290 39
Supplies—		Supplies—	
Clocks.....	15 00	Oil.....	\$11 80
Furniture.....	4 75	Pumps.....	15 00
Hardware, ropes, etc.....	234 00	Water coolers, etc.....	11 75
Ice.....	25 50		
Janitor's supplies.....	65 18		
Ladder.....	3 00		
Lamp-lighter's torch.....	10 50		
			\$418 11

FREE PUBLIC LIBRARIES.

The care of the buildings of this institution came under the cognizance and control of this borough Department in pursuance of an opinion of the Corporation Counsel, dated June 28, 1899, and, on July 31, the Board of Estimate transferred from the Public Library funds to the account of this Department the following sums, to cover expenditures on Public Libraries, Central, Eastern District, East New York and South Brooklyn Branches:

Supplies and repairs.....	\$9,000 00
Lamps and lighting.....	1,000 00
Salaries.....	800 00

The Central Branch needed considerable alterations and repairs to fully equip it for public service; the East New York and South Brooklyn branches were located in stores recently leased by the City, and had to be newly fitted up for library purposes; while the Eastern District Branch was located in the Old Williamsburgh Post-office, and also needed much alteration and many new fixtures. All were almost destitute of furniture and the necessary housekeeping and cleaning supplies.

The necessary alterations have been made and work done from plans drawn by and under the supervision of K. L. Daus, architect, and the several branches were opened to the public about October 1, 1899.

Furniture and library specialties were supplied as liberally as a view to economy in the use of the City's funds would permit.

The expenditure for supplies and repairs to the several branches was as follows:

Central Branch, No. 26 Brevoort place—		Central Branch, No. 26 Brevoort place—	
Repairs:		Supplies:	
Architect's fees.....	\$126 37	Clocks.....	\$42 00
Carpenter work.....	1,172 15	Furniture and carpets.....	464 24
Gas-fitting.....	53 50	Janitor's supplies.....	101 00
Ironwork.....	30 47	Office supplies.....	2 75
Mason work.....	345 00	Tray cases.....	367 50
Painting.....	495 00	Wood.....	18 00
Plumbing.....	1 40		
Replating ranges.....	35 00		
Signs.....	125 00		
			\$957 09
			\$2,080 77

Eastern District Branch, No. 380 Bedford avenue—

Repairs:	
Architect's fees.....	\$89 57
Carpenter work.....	924 10
Painting.....	150 80
Removing rubbish.....	29 50
Signs.....	50 00
Steam-fitting.....	45 50
	\$1,349 47

Supplies:	
Ash cans.....	\$10 45
Clocks.....	13 00
Furniture and carpets.....	359 98
Janitor's supplies.....	101 31
Office supplies.....	2 25
Robber chair tips.....	9 00
Wood.....	8 00
	\$505 10

East New York Branch, No. 29 Pennsylvania avenue—

Repairs:	
Architect's fees.....	\$52 25
Carpenter work.....	588 22
Gas fixtures.....	7 34
Painting.....	60 11
Plumbing.....	8 50
Signs.....	95 00
Steam heating.....	14 01
	\$825 43

East New York Branch, No. 29 Pennsylvania avenue—

Supplies:	
Book supports.....	\$9 00
Furniture, carpets, etc.....	320 16
Janitor's supplies.....	102 86
Office supplies.....	2 45
Rubber tips for chairs.....	6 00
	\$440 27

South Brooklyn Branch, Fourth avenue and Forty-eighth street—

Repairs:	
Architect's fees.....	\$44 78
Carpenter work.....	450 58
Painting.....	95 20
Plumbing.....	1 75
Signs.....	90 00
	\$685 31

Supplies:	
Clocks.....	\$13 60
Furniture and carpets.....	205 26
Janitor's supplies.....	101 31
Office supplies.....	2 25
Robber chair tips.....	6 00
Window shades.....	42 75
Wood.....	8 00
	\$379 17

ARMORIES.

The several regimental armories have been kept in good and thorough repair and some interior improvements made. Supplies have been furnished on requisition and approval. The particulars are given with the report on each armory.

Thirtieth Regiment Armory.

The roof has been put in good repair, skylights overhauled and painted, and leaders connected under sidewalk with gutter. The columns in the front balcony have been repaired, several doors repaired and varnished, the band-room replastered, loose joints have been raked out and repointed, and the radiators, steam pipes and the plumbing repaired as found necessary. An old flagpole that had been struck by lightning was removed and replaced by a new one. Armorer's, Engineers' and other supplies, including fire extinguishers, were furnished as required.

Repairs—		Supplies—	
Carpenter work.....	\$505 88	Armorer's supplies.....	\$262 60
Hardware.....	1 00	Ash cans.....	82 33
Mason work.....	252 40	Disinfectants.....	50 00
Painting.....	68 75	Engineers' supplies.....	172 53
Plastering.....	5 00	Fire extinguishers.....	102 00
Plumbing.....	67 80	Painters' supplies.....	248 75
Roofing.....	468 40		
Steam-fitting.....	143 36		
	\$1,512 69		\$978 11

Fourteenth Regiment Armory.

The repairs to this building were those of an emergency character. Only the usual Armorer's, Engineers' and Painters' utensils and materials were supplied, but a quantity of furniture was asked for and allowed.

Repairs—		Supplies—	
Carpenter work.....	\$100 00	Armorer's supplies.....	\$259 82
Glazing.....	15 36	Engineers' supplies.....	26 80
Locksmithing.....	13 20	Furniture and carpets.....	816 99
Painting.....	15 00	Painters' supplies.....	27 50
Plumbing.....	60 00	Sales.....	40 00
Steam-fitting.....	82 50	Wood.....	9 00
	\$385 06		\$1,180 11

Twenty-third Regiment Armory.

A considerable amount of electric, carpenter and steam-fitting work has been done and new flagpoles placed. The supplies were about the usual amount. 750 feet of fire hose, with reels, etc., were furnished.

Repairs—		Supplies—	
Carpenter work.....	\$492 50	Armorer's supplies.....	\$132 26
Electrical work.....	348 04	Asbestos.....	23 70
Glazing.....	13 64	Engineers' supplies.....	112 84
Lumber.....	28 79	Fire hose, etc.....	200 00
Plumbing.....	149 10	Fire tools.....	5 50
Roofing.....	292 83	Furniture.....	22 50
Steam-fitting.....	225 50	Mating.....	18 00
		Painters' supplies.....	6 00
		Wood.....	24 00
	\$1,351 00		\$544 80

Forty-seventh Regiment Armory.

No work of importance was done on the building, except some repairs to the roof and rebuilding a portion of wall damaged by snow. The usual supplies were furnished.

Repairs—		Supplies—	
Glazing.....	\$62 81	Armorer's supplies.....	\$271 06
Mason work.....	139 75	Disinfectants.....	50 00
Plumbing.....	70 30	Engineers' supplies.....	26 00
Roofing.....	241 86	Furniture and carpets.....	150 53
Steam-fitting.....	38 50	Painters' supplies.....	21 50
		Sawdust.....	8 00
		Wood.....	18 00
	\$553 22		\$547 09

Troop "C" Armory.

Very little repairing was found necessary, but, in addition to the usual supplies, 400 opera chairs and 100 tons of tan bark were furnished.

Repairs—		Supplies—	
Electric repairs.....	\$79 40	Armorer's supplies.....	\$126 70
Plastering.....	12 00	Electric power.....	13 34
Plumbing.....	82 44	Engineers' supplies.....	53 35
Removing tan bark.....	105 50	Furniture.....	740 00
Steam-fitting.....	111 60	Painters' supplies.....	74 50
		Tan bark.....	384 00
		Wood.....	8 00
	\$300 34		\$1,399 87

Repairs.....	\$65,481 66
Supplies.....	56,588 58
Total supplies and repairs.....	\$122,070 54

FINANCIAL STATEMENT.

TITLE.	APPROPRIATION.	EXPENDITURE.	REMOVED TO GENERAL FUND.
Salaries, Deputy Commissioner, Clerks, Laborers, Cleaners and Employees.....	\$163,720 00	\$163,720 35	\$1,940 50
Supplies and Repairs.....	140,000 00	140,370 54	17,629 41
Lamps and Lighting.....	870,718 57	866,519 30	8,347 47
Contingencies.....	1,000 00	999 95	00
Total.....	\$4,775,438 57	\$4,147,721 05	\$67,719 62

COAG.

Statement of the coal furnished to the Public Buildings during the year 1899, under contract dated August 14, 1898, and charged to the account of "Supplies and Repairs, 1898."

BUILDING.	AMOUNT.	
Borough Hall.....	\$28,000 at 94.75.....	\$26,525 00
Municipal Building.....	625 00.....	594 38
Kings County Court-house.....	680 00.....	642 00
Hall of Records.....	200 00.....	188 00
Kings County Jail.....	750 00.....	707 50
Disciplinary Training School.....	375 00.....	354 38
Department of Health Building.....	25 00.....	23 63
Barrow of Elections Building.....	50 00.....	47 38
Small Courts.....	425 00.....	402 44
Public Library.....	50 00.....	47 38
Public Baths.....	5 00.....	4 74
Superior.....	10 00.....	9 48
Administration Building, Wallabout Market.....	17 00.....	16 22
Armory, Thirtieth Regiment.....	515 00.....	487 25
— Fourteenth Regiment.....	550 00.....	519 44
— Twenty-third Regiment.....	300 00.....	283 50
— Forty-seventh Regiment.....	325 00.....	307 44
— Tenth Cavalry.....	100 00.....	94 80
— Second Signal Corps.....	25 00.....	23 63
— Third Battery.....	50 00.....	47 38
— Second Naval Battalion.....	100 00.....	94 80
Total.....	\$4,252 00.....	\$4,022 32

List of Public Buildings in Charge of the Above Department on January 1, 1900, Showing Location and Whether Leased or Owned.

Building.	Location.	Leased or Owned.	Date of Expiration of Lease.
Borough Hall.....	Jerusalem Court and Fulton streets.....	Owned.....	
Municipal Building.....	Jerusalem street, near Court street.....	".....	
Kings County Courthouse.....	Jerusalem and Fulton streets.....	".....	
Hall of Records.....	Fulton street, corner Court square.....	".....	
Kings County Jail.....	Raymond street.....	".....	
Disciplinary Training School.....	Eighteenth avenue and Fifty-sixth street.....	".....	
Administrative Building, Wallabout Market.....	Wallabout Market.....	".....	
Superior, Department of Public Buildings, Lighting and Supplies.....	Fifth and Clinton avenues.....	Leased.....	Jan. 1, 1907.
First District Municipal Court.....	Corner Court and State streets.....	".....	Feb. 6, 1906.
Second District Municipal Court.....	724-726 Broadway.....	".....	Nov. 1, 1906.
Third District Municipal Court.....	Len avenue and Clynner street.....	Owned.....	
Fourth District Municipal Court.....	24 Howard avenue.....	Leased.....	July 5, 1906.
Fifth District Municipal Court.....	Iliah avenue and Bay Twenty-second street.....	".....	Aug. 1, 1906.
First District City Magistrates' Court.....	126 Adams street.....	Owned.....	
Second District City Magistrates' Court.....	Court and Butler streets.....	Leased.....	Jan. 1, 1906.
Third District City Magistrates' Court.....	Myrtle and Vanderbilt avenues.....	Owned.....	
Fourth District City Magistrates' Court.....	Lee avenue and Clynner street.....	".....	
Fifth District City Magistrates' Court.....	200 Even street.....	Leased.....	May 28, 1906.
Sixth District City Magistrates' Court.....	Gates and Reid avenues.....	".....	Jan. 1, 1906.
Seventh District City Magistrates' Court.....	Grant street (Twenty-ninth Ward).....	Owned.....	
Eighth District City Magistrates' Court.....	West Eighth street, Coney Island.....	".....	
Armory, Thirtieth Regiment.....	Bowling and Putnam avenues.....	".....	
" Fourteenth Regiment.....	Eightth avenue and Fourteenth street.....	".....	
" Twenty-third Regiment.....	Bedford avenue and Pacific street.....	".....	
" Forty-seventh Regiment.....	Marcy avenue and Heyward street.....	".....	
" Tenth C.....	North Portland avenue, near Myrtle avenue.....	".....	
" Second Signal Corps.....	802 Dean street.....	".....	
" Third Battery.....	Clermont avenue, near Myrtle avenue.....	".....	
" Second Naval Battalion.....	Foot of Fifty-sixth street.....	Leased.....	May 1, 1906.
Public Library, Central Branch.....	Brerboot place.....	".....	"
" Eastern District.....	210 Bedford avenue.....	".....	"
" East New York.....	29 Pennsylvania avenue.....	".....	"
" South Brooklyn.....	Northeast corner Fourth avenue and Forty-ninth street.....	".....	"

During the year ending December 31, 1899, there were received in general relation to lamps, lighting and repairs required, from citizens, inspectors and others, 1,761 complaints and requests, and 2,086 orders were issued in relation thereto, by this Department, to the various companies supplying lighting.

There are 18,186 lamps in service, divided as to company and kind of light, as follows:

Brooklyn Union Gas Company, gas lamps	7,939
Kings County Gas and Illuminating Company, gas lamps	4,012
The Weisbach Street Lighting Company of America, naphtha Weisbach lamps	394
Brooklyn Union Gas Company, Weisbachs	2,118
Edison Electric Illuminating Company, electric lights	4,090
Flashes Gas Company, electric lights	503
Total	18,186

Statement showing the number of electric lights burning January 1, 1899; the number extinguished and relighted, the new lights added during the year; the number burning December 31, 1899, and the number of free lights:

	BEARING JACOBS, 159-160 C.E.	EXTRACURRICULAR	RECURRING	NEW LEADS	BEARING DEPT. 3/1 1891	FREE LIGHTS	500 CANDLE POWER		
							Earning.	R-lighted.	Lake Lights.
January.....	3,086	1	5	8	1,100	10	310	100	10
February.....	3,333	2	10	27	1,000	20	300	100	10
March.....	3,444	3	3	16	1,000	20	300	100	10
April.....	3,444	6	107	83	1,000	20	300	100	10
May.....	3,444	3	3	11	1,175	20	300	100	10
June.....	3,444	4	9	3	1,000	20	300	100	10
July.....	3,444	20	5	12	1,100	20	300	100	10
August.....	3,444	11	8	14	1,000	20	300	100	10
September.....	3,444	3	10	39	1,100	20	300	100	10
October.....	3,444	3	9	8	1,000	20	300	100	10
November.....	3,444	3	4	40	1,100	20	300	100	10
December.....	3,444	3	7	18	1,100	20	300	100	10
Totals.....	3,086	55	174	270	4,781	19	980	9	10

These lights are divided as to companies supplying same as follows :

Edison Electric Illuminating Company, 1,200 c. p.	3,878
" "	
600 c. p.	212
Flushing Gas Company, 1,200 c. p.	503

Statement showing the number of gas-lamps burning January 1, 1899; the number capped and uncapped, and the new lamps lighted during the year ending December 31, 1899; the number of lamps burning December 31, 1899, and the Welsbach lamps.

	BURNING JANUARY 1	CAPPED.	UN- CAPPED.	NEW LAMPS.	BURNING DECEMBER 31, 1899.	NEW WELLS- GARD LAMPS.	NEW NAP- THA LAMPS.	Wells-Gard Capped.
January	1,073	48	127	4	1,098	26	—	—
February	—	300	190	1	—	177	—	—
March	—	177	140	40	—	780	—	—
April	—	108	175	31	—	133	—	—
May	—	31	43	97	—	37	—	—
June	—	232	90	35	1,000	210	—	—
July	—	345	69	101	—	291	20	9
August	—	180	25	157	—	180	—	—
September	—	54	78	31	—	33	—	—
October	—	35	77	66	—	57	34	—
November	—	95	33	33	—	64	—	—
December	—	170	20	25	11,071	119	—	—
Totals	10,732	1,523	1,080	713	11,071	1,545	54	9

Welshach lamps burning January 1, 1899.....	720
Added during year, minus ?	1,505

Burning December 31, 1899	2,218
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Naphtha lamps burning January 1, 1899.....	255
Added during year.....	49

Burning December 31, 1899.....	304
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Statement showing the number of gas and electric lights not burning, the number of hours lost and the amounts deducted therefor, during the year 1899:

	GAS COMPANIES.			ELECTRIC COMPANIES.	
	Lamps.	Hours.	Deduction.	Lamps.	Deduction.
January.....	211	2811.20	\$13.43	248	\$26.28
February.....	258	3324.10	30.19	300	322.10
March.....	342	4074.05	16.95	203	25.02
April.....	32	265.40	2.44	20	17.00
May.....	26	243.75	60	26	29.24
June.....	66	845.50	4.83	33	18.02
July.....	80	90.30	60	111	38.42
August.....	.....	.....	.....	90	50.60
September.....	26	295.00	2.17	250	65.00
October.....	.....	.....	.....	125	45.00
November.....	67	101.00	1.00	111	27.74
December.....	75	230.00	2.74	177	60.18
Totals.....	1,188	17,709.00	\$71.00	1,710	\$512.50

BUREAU OF LIGHTING,
April 2, 1900.

Hon. JAMES J. KAWWIS, Deputy Commissioner, Department of Public Buildings Lighting and
Supplies, Borough of Brooklyn, New York, N. Y. :

DEAR SIR—I have the honor to submit the annual report of this Bureau for the year 1899.

Very respectfully,

A. E. ALLEN, Assistant Engineer.

Statement showing the number of lanterns, frames, lamp-posts, etc., delivered to gas companies during the year 1899:

	LANTERNS.		FRAMES.		POSTS.	BUTTS.	UPRIGHTS.	CLIMBERS.	DOMES.	CANOPIES.	REFLECTORS.
	Square.	Round.	Square.	Round.							
January.....	186	..	116	..	4	..	2	..	..	..	..
February.....	135	99	91	30	..	..	2	..	..	..	..
March.....	140	139	143	20	54	..	4	5	35	..	..
April.....	152	79	170	..	92	..	..	11	11	..	..
May.....	119	57	81	..	109	1	..	6	10	..	..
June.....	140	40	157	..	36	..	..	7	9	..	..
July.....	183	..	111	..	153	..	2	14	9	1	..
August.....	227	0	254	..	60	..	3	12	13	6	..
September.....	71	2	148	..	9	1	..	3	8	1	1
October.....	122	3	122	..	57	..	..	8	12	..	..
November.....	83	4	83	..	1	38	..	11	22	15	2
December.....	130	1	84	..	1	16	..	6	13	7	2
Totals.....	1,949	224	1,568	40	557	56	11	83	159	30	5

Statement showing the number of lanterns, frames, lamp-posts, butts, etc., in the storehouse December 31, 1899, and the number of lanterns and frames repaired and painted during the year:

Lanterns—		
Square.....	1,003	
Round.....	507	
Frames—		
Square.....	3	
Round.....	507	
Posts.....	227	
Butts.....	..	
Uprights.....	84	
Repaired and painted at the storehouse during the year:		
Lanterns—		
Repaired.....	2,081	
Painted.....	2,364	
Frames—		
Repaired.....	152	
Painted.....	1,850	

Statement concerning contracts in connection with general gas and electric lighting:

	DATE OF CONTRACT.	DURATION.	EXPIRES.	UNEXPIRED PERIOD.	PRICE FOR CURRENT YEAR.	REMARKS.
Brooklyn Union Gas Company.....	Mar. 13, 1897	5 years.	Dec. 31, 1901	2 years.	\$16.50 per lamp.....	Welsbach lamps are supplied by this company under contract of same date. Price \$31.25 for current year.
Kings County Gas and Illuminating Company.....	Dec. 26, 1889	10 "	" 31, 1900	10 "	28.00 "	This company supplies gas lighting in the Thirtieth Ward exclusively.
Welsbach Street Lighting Company of America.....	May 28, 1899	7 months, 10 days.	" 31, 1899	..	30.00 "	
Flatbush Gas Company.....	Oct. 7, 1891	15 years.	Oct. 3, 1906	9 years.	97.50 "	Electric lights in the Twenty-ninth Ward.
".....	Aug. 4, 1897	3 "	Sept. 3, 1900	6 months.	116.81 "	Special rate for electric light supplied from a conduit for the Ocean parkway.
Edison Electric Illuminating Company.....	Jan. 1900	1 year.	Dec. 31, 1900	1 year.	124.16 "	

Number of miles of gas-main in the Borough of Brooklyn:

Brooklyn Union Gas Company (21 1/2 miles laid during 1899)..... 793 1/2 miles.

Kings County Gas and Illuminating Company..... 115 "

Total..... 908 1/2 "

LAMPS AND LIGHTING.

Statement of expenditure incurred in lighting the public buildings, streets, avenues, parks, etc., Borough of Brooklyn, during the year 1899.

Lighting Public Buildings.

	GAS.	ELECTRICITY.	TOTAL.
Borough Hall.....	\$321.49	\$1,663.59	\$1,985.08
Municipal Building.....	599.68	6,572.81	7,172.49
Kings County Court-house.....	372.16	7,352.87	7,725.03
Hall of Records.....	1,131.03	1,990.23	3,121.26
Kings County Jail.....	6,375.83	..	6,375.83
Department of Health.....	264.65	676.74	941.39
Bureau of Elections.....	..	207.81	207.81
Disciplinary Training School.....	490.72	..	490.72
Walden Market clock.....	..	180.45	180.45
Storehouse, Public Buildings, Lighting and Supplies.....	96.31	194.61	290.92
Magistrates' Courts.....	941.98	..	941.98
Municipal Courts.....	114.17	..	114.17
Public baths.....	473.57	..	473.57
Public libraries.....	87.81	103.90	191.71
Exempt Women's Hall, Eastern District.....	57.47	..	57.47
City clocks.....	89.87	..	89.87
Thirtieth Regiment Armory.....	2,307.19	4,448.11	6,755.30
Fourteenth Regiment Armory.....	2,324.65	..	2,324.65
Twentieth Regiment Armory.....	2,141.26	3,409.63	5,550.89
Forty-seventh Regiment Armory.....	751.56	44.96	796.52
Troop "C" Armory.....	1,135.72	1,393.16	2,528.88
Second Signal Corps Armory.....	658.64	..	658.64
Third Battery Armory.....	643.61	1,877.74	2,521.35
Second Naval Battalion Armory.....	107.31	847.75	955.06
Totals.....	\$18,208.28	\$25,063.51	\$43,271.79

* In addition on this item \$771 was expended for fitting up the public libraries with electric-light apparatus, the bill for which has not been passed for payment.

RECAPITULATION.

Gas—		
Public buildings.....	\$18,208.28	
Streets and avenues.....	285,063.51	
Electricity—		
Public buildings.....	\$30,035.15	
Streets and avenues.....	594,339.74	
Parks.....	16,600.60	
Naphtha Welsbach—		
Parks.....	8,124.92	
Total lamps and lighting.....	\$43,271.79	
Lighting public buildings.....	\$48,241.43	
Lighting streets, avenues and parks.....	\$14,128.77	
Appropriation, 1899.....	\$870,712.57	
Expended, 1899.....	\$912,372.20	
Balance.....	\$8,340.47	

BUREAU OF ELECTRICITY AND GAS,
April 2, 1900.

Hon. JAMES J. KIRWIN, Deputy Commissioner, Department of Public Buildings, Lighting and Supplies, Borough of Brooklyn, New York, N. Y.:

DEAR SIR—I have the honor to submit the annual report of this Bureau for the year 1899.

Very respectfully,

H. S. WYNKOOP, in charge of Bureau of Electricity and Gas.

EXTERIOR CONDUCTORS.

The applications received numbered forty-three hundred and four (4304), of which forty-two hundred and three (4203) were granted and ninety-three (93) refused, eight (8) being held over for consideration during the ensuing year. These figures include subway construction as well. Twenty-one hundred and ten (2110) poles have been erected in the outlying territory, while seven hundred and sixty-two (762) have been removed from the heart of the borough. The erection of three poles for every one removed can hardly be said to comply with the spirit of the Subway acts, although the extensions of overhead lines have occurred almost without exception in suburban districts, where the conditions do not yet warrant the construction of subways. The department is unable to avoid this deplorable situation, being without authority to order the burial of wires.

The extension of subways has been undertaken voluntarily by several companies, as in former years, so that we now have the following underground construction:

	Miles.
Edison tube.....	56
Low-tension subway (telephone).....	47 1/2
High-tension subway (various electric-lighting companies).....	4 1/2

Throughout almost the entire length of low-tension subway one duct has been reserved for the use of the Police and Fire departments. Neither of these departments has an appreciable amount of cable in the ducts thus provided. Beside this provision in low-tension subways, the city wires can be accommodated in some of the high-tension subways; but this should not be considered until after the space in low tension subways is exhausted.

Pending the removal of poles, it has seemed desirable that they should be maintained in a decent condition. To this end, a careful inspection of all overhead lines is in progress, and, as a result of complaints sent out, we have secured the painting of some sixty-five hundred (6500) poles, previously unpainted. An old ordinance, still in force, of the City of Brooklyn requires this painting, and fixes a penalty for failure to comply. Nevertheless, the Fire Department is maintaining about thirty-five hundred (3500) poles, few or none of which are painted. The false position in which our Department is thus placed, by demanding of private corporations that which the City will not do itself, may be readily appreciated.

The poles, whether painted or not, continue to be disfigured by the attachment of signs and advertising matter of all descriptions, in violation of an ordinance, still in force, of the City of Brooklyn. Complaints against the transgressors are of no avail, and are no longer sent out. To remedy this evil, recourse must be had to the courts, ignoring guilty subordinates and reaching out for the principals—the advertisers themselves.

Arc lamps swung over sidewalks, if not maintained in good condition, are liable to become a menace to life and property. A systematic inspection of these lamps and of the electrical appliances connected therewith has been recently undertaken. Already eight hundred and seventy-one (871) such lamps have been issued, and the work is proceeding as rapidly as it is possible for one inspector, detailed for the purpose, to cover the territory. The complaints on this branch of our work indicate that the inspection is badly needed.

	GAS.	ELECTRICITY.	TOTAL.
Lighting Streets and Avenues, 1899.			
Brooklyn Union Gas Co.....	\$169,383.22		
Kings County Gas and Illuminating Co.....	215,835.86		
E. M. Gleason Manufacturing Co. and others.....	7,414.44		
Edison Electric Illuminating Co.....		\$467,997.94	
Edison Electric Illuminating Co., bridge and plaza.....		8,116.90	
Flatbush Gas Co., Twenty-ninth Ward.....		15,435.60	
			\$94,339.74
Lighting Parks.			
Welsbach Street Lighting Company of America.....	\$4,937.43		
New York and New Jersey Globe Gas-Light Co.....	3,187.50		
Flatbush Gas Co., Ocean parkway.....		\$10,472.64	
Edison Electric Illuminating Co.....		6,327.36	
			\$16,800.00
			\$112,725.52

Incidental mention may be made of the voluntary removal by the companies of five hundred and eighteen (518) miles of wire from our highways during the past year.

Merely a desultory attempt has been made to rid our highways of illegal wires, action being taken only when complaint is made. There must be many miles of unauthorized wires in the borough; but their location, identification and removal would require much time that can ill be spared from more important work.

As to electrolysis, the situation remains unchanged.

INTERIOR CONDUCTORS.

Immunity from fires depends, to an appreciable degree, upon the closeness of the supervision exercised over electrical installations, new and old, located in buildings. This branch of our work is covered as fully as is possible, in the absence of ordinances imposing a penalty for violations of the requirements of the Department. Four inspectors are detailed upon this work exclusively, and they have made 6,109 inspections, comprising 77,480 incandescent lamps, 2,827 arc lamps, 1,886½ h. w. of generators and 2,225 h. p. of motors. To cover the above appliances, 2,762 certificates have been issued, as the result of 3,070 applications, and there are pending 168 applications for certificates.

In addition to the inspection of new or altered electric work, for which applications are received by this office, our supervision has been extended to cover old work, especially that in theatres, factories, breweries and the like. While it is not required that this class of construction shall conform to the more rigid rules governing new work, it is demanded that dangerous conditions be removed immediately upon their detection. The prompt attention which our complaints receive is very satisfactory.

Investigation has been made of all fires whose origin was attributed to electricity. The Fire Department has been requested to aid in this work by notifying us promptly of the occurrence of all fires that appear to be in any way attributable to electricity. No notifications have been received, and our records show but two instances of this nature, in neither of which did serious damage result.

Fatal accidents from electricity have been of infrequent occurrence, carelessness on the part of the victim being generally the explanation in each case.

The character of electrical material and workmanship is steadily improving under our inspection. As a rule, the contractors themselves evince a gratifying readiness to conform to the requirements of the Department. To reach those contractors who studiously endeavor to evade compliance with our rules, I would suggest that legal steps be taken with a view to the institution of an examining board of electricians for the purpose of issuing licenses to approved persons, exactly as permission is now granted to those desirous of conducting a plumbing business, and in conformity with electrical license laws already in force in several States.

Sixteen hundred and forty (1,640) complaints of objectionable electric work, exterior and interior, were sent out. Some of these were duplicates, rendered necessary by delayed action upon original complaints.

METER PROVING.

The public continues to avail itself of the Charter provision for the testing of meters upon complaint. One hundred and twenty-seven (127) gas meters have been proved, of which 85 were passed as correct, the remainder being turned over to the company for readjustment. In the absence of a legal stipulation as to what constitutes commercial accuracy in a meter, we are following the requirements of the London Gas Refusers, which limit the error of a "correct" meter to less than 2 per cent. fast or 2 per cent. slow. It is interesting to note that the maximum errors found were 17½ per cent. fast and 7 per cent. slow; that 6 meters were exactly correct; that the average error of 41 fast meters was 2½ per cent.; and that the average error of 80 slow meters was 2¼ per cent.

No demand has been made upon the Department for the proving of electric meters; and this is fortunate, for we have not the help required to undertake such work, although the apparatus is at hand.

ROUTINE METER CERTIFICATION.

There have been 18,360 gas meters certified during the year. No meter that proves at all fast is certified; but it may be as much as 3 per cent. slow. In this way allowance is made for the natural tendency of a meter to run slightly faster in service than its proof rate. These were mainly repaired meters. New gas meters, certified by the Department at large, are coming into the borough at the rate of 265 a month, a decrease of seventy-five per cent. over last year. No attempt has been made to certify those unsealed gas meters which are taken from one consumer and given to another without passing through the meter repair room of the gas company, as such certification would require the services of two more inspectors. I estimate the number of meters thus ignored by us at 125 per day.

The matter of certifying electric meters has not been taken up, owing to insufficient appropriation.

TESTS OF ILLUMINATING GAS.

Fourteen photometric tests were made of gas taken at random from various parts of the borough. In none of these tests did the candle-power fall below 20, which is the Charter standard. The average of the tests is 24½ candle-power. Those who complain of the poor illuminating qualities of Brooklyn gas can glean but small satisfaction from these figures.

"It appears to me that there should be either Charter provision on municipal enactment, requiring the gas companies to maintain at all times on their systems an approximately uniform pressure, and defining the limits of variation from this standard." This extract from last year's report still holds true.

For the more frequent testing of illuminating power, and also for the taking up of the determination of impurities in the gas—apparatus for which has been provided—there should be added to my force one Inspector of Gas Tests.

RECORDS.

The office records of this bureau are in far better shape than they were at the end of 1898. Prior to June, 1899, this office was absolutely without clerical help, the head of the bureau attempting to keep the essential memoranda himself, with such assistance as could be obtained, from time to time, from the inspectors. The appointment of a clerk has relieved the situation somewhat; but it is even yet impossible to keep our records in the shape which the importance of the office demands. An additional clerk—preferably one with knowledge of typewriting—is urgently needed.

The inventorying of all poles in the borough is progressing satisfactorily. Out of 47,000 poles, about 28,000 have been plotted on the maps of the office. On the same maps are shown the subways that have been constructed. The most cursory examination of the maps shows that nearly every line of subway has parallel to it and on the same street a pole line of the same class.

ELECTRICAL CONSTRUCTION.

During the year this bureau has completed the installation of a 35-kilowatt electric lighting and power plant for the Disciplinary Training School. Specifications for electrical construction in Second Naval Battalion Quarters, in the Bevoort Branch of the Public Library, in the Kings County Jail and in the Fourteenth Regiment Armory have been drawn up under my supervision. In addition to the above, we have been charged with the care of the electric equipment, of whatever nature, located in the public buildings under the control of this Department.

POSTAGE AND TRANSPORTATION.

The shortage of postage stamps during the early months of the year caused considerable inconvenience, not only to the office, but also to the contractors, who were in many instances delayed three or four days in receiving notifications from the Department as to defective construction. This trouble has of late disappeared.

The vexatious question of carfares for this bureau is continually before us. Our appropriation for this purpose appears to be insufficient. No relief is in sight, as the allowance for 1900 has not been increased, although six inspectors have been added to this bureau alone. Owing to this state of affairs, I am seriously crippled in the matter of arranging for prompt inspections. Our work should be taken up as it comes to us, not as we choose to arrange it—otherwise, friendship to the contractor and to the tenant will result. Expense du corps has led to considerable private expenditure for carfares; but this cannot be expected to last indefinitely. I appeal to you for a solution of the problem, either by obtaining an increased contingency account, or by increasing the salaries of the inspectors so as to cover their expenses for carfares, or by providing other suitable means of transportation. The petty annoyance and the discouragement consequent upon the continual struggle for carfare tickets has a strong tendency to impair the efficiency of the inspectors.

DOCUMENT "I."

JAMAICA, JANUARY 18, 1900.

Hon. HENRY S. KEARNY, Commissioner, Public Buildings, Lighting and Supplies, No. 13 Park Row, New York City.

DEAR SIR—Herewith I have the honor of transmitting the quarterly report of the transactions of the Department of Public Buildings, Lighting and Supplies, Borough of Queens, for the quarter ending December 31, 1899.

Yours respectfully,

JOEL FOWLER, Deputy Commissioner.

QUARTERLY REPORT ENDING DECEMBER 31, 1899—DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, BOROUGH OF QUEENS.

ACCOUNTING DEPARTMENT.

Requisitions were made on the Finance Department, through the general office, during the quarter, chargeable to the several appropriations, as follows:

"Salaries of Deputy and Employees, 1899"—	
October.....	\$2,235 68
November.....	2,369 33
December.....	2,404 65
	<hr/> \$7,009 66
"Supplies and Repairs, 1899"—	
October.....	\$1,367 92
November.....	2,675 04
December.....	1,710 90
	<hr/> \$5,753 86
"Lamps and Lighting, 1899"—	
October.....	\$19,322 00
November.....	21,232 58
December.....	32,175 21
	<hr/> \$72,729 79
"Contingencies, 1899"—	
October.....	\$195 42
December.....	18 34
	<hr/> \$213 66
"Lamps and Lighting, 1898"—	
December.....	\$1,586 00

ORDERS ISSUED.

For "Supplies and Repairs" to the various buildings, offices and departments, in the Borough of Queens, during the quarter ending December 31, 1899, orders were issued showing estimated amount of expenditures, as follows:

Coal and Wood.

Oct. 4. City Magistrate's Court, Long Island City.....	\$27 00
Nov. 16. Hackett Building, Long Island City.....	120 00
" 18. Village Hall, Far Rockaway.....	26 00
Dec. 7. City Magistrate's Court, Long Island City.....	10 00
" 22. Hackett Building, Long Island City.....	50 00
" 22. Town Hall, Jamaica.....	250 00
	<hr/> \$483 00

Carpets (Linoleum, Rug, etc.).

Oct. 6. Sewer Department, Long Island City.....	\$25 00
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Electrical Work and Supplies.

Oct. 11. Hackett Building, Long Island City.....	\$20 00
" 28. Hackett Building, Long Island City.....	44 00
Nov. 2. Village Hall, Far Rockaway.....	54 80
" 18. Department of Public Buildings, Lighting and Supplies, Borough of Queens.....	20 00
" 18. Village Hall, Far Rockaway.....	4 00
Dec. 22. Hackett Building, Long Island City.....	125 00
	<hr/> \$267 80

Filing Up Offices.

Oct. 6. Board of Public Improvements, Long Island City.....	\$347 00
" 14. Deputy Receiver of Taxes, Long Island City.....	300 00
" 24. Deputy City Clerk, Long Island City.....	65 00
Nov. 18. Department of Taxes and Assessments, Long Island City.....	130 00
	<hr/> \$842 00

Furniture (Desks, Chairs, etc.).

Oct. 5. Board of Public Improvements, Long Island City.....	\$60 00
" 5. Health Department, Jamaica.....	46 00
" 5. Board of Public Improvements, Long Island City.....	20 00
" 13. Deputy City Clerk, Long Island City.....	165 00
" 14. Deputy Receiver of Taxes, Long Island City.....	15 00
	<hr/> \$306 00

Hardware, etc.

Oct. 3. Department of Public Buildings, Lighting and Supplies, Borough of Queens.....	\$50 00
" 3. Department of Public Buildings, Lighting and Supplies, Borough of Queens.....	50 00
	<hr/> \$100 00

Law Books.

Oct. 24. Finance Department, Long Island City.....	\$8 00
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Plumbing.

Oct. 3. Department of Public Buildings, Lighting and Supplies, Borough of Queens.....	\$25 00
" 28. Department of Public Buildings, Lighting and Supplies, Borough of Queens.....	100 00
28. Village Hall, Far Rockaway.....	195 00
Dec. 19. Town Hall, Jamaica.....	100 00
	<hr/> \$420 00

Repairs to Buildings.

Oct. 3. Town Hall, Jamaica.....	\$75 00
" 17. Hackett Building, Long Island City.....	60 00
" 14. Department of Public Buildings, Lighting and Supplies, Borough of Queens.....	150 00
" 24. Hackett Building, Long Island City.....	35 00
Nov. 2. Village Hall, Far Rockaway.....	175 00
" 2. Village Hall, Far Rockaway.....	233 00
" 11. Town Hall, Flushing.....	45 00
" 11. Armory, Flushing.....	30 00
" 17. Town Hall, Jamaica.....	35 00
" 18. Village Hall, Far Rockaway.....	70 00
" 25. Hackett Building, Long Island City.....	30 00
" 25. Village Hall, Far Rockaway.....	97 50
" 25. Hackett Building, Long Island City.....	135 00
" 26. Town Hall, Newtown.....	75 00
Dec. 8. Hackett Building, Long Island City.....	160 00
" 16. Hackett Building, Long Island City.....	30 00

\$1,435 30

Telephone Service.

Oct. 3.	Department Public Buildings, Lighting and Supplies, Jamaica	\$80 00
" 3.	Office of President of Borough, Long Island City	50 00
" 27.	Board of Public Improvements, Long Island City	30 00
		\$160 00

Miscellaneous—(Ice, Laundry Work, etc., Cloaks, Repairs, Shades, Lumber, etc.).

Oct. 3.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	\$50 00
" 3.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	55 00
" 3.	Town Hall, Newtown	10 00
" 3.	Town Hall, Jamaica	8 00
" 3.	City Magistrate's Court, Long Island City	8 00
" 3.	Hackett Building, Long Island City	20 00
" 3.	Health Department, Jamaica	13 00
" 3.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	50 00
" 3.	Hackett Building, Long Island City	10 00
" 3.	Town Hall, Newtown	10 00
" 3.	Town Hall, Jamaica	7 00
" 3.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	80 00
" 5.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	12 00
" 13.	Deputy Receiver of Taxes, Long Island City	7 00
" 14.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	15 00
" 27.	Deputy Receiver of Taxes, Long Island City	19 50
" 24.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	15 00
Nov. 1.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	80 00
" 2.	Board of Public Improvements, Long Island City	6 00
" 16.	Village Hall, Far Rockaway	16 20
" 17.	Town Hall, Jamaica	60 00
" 18.	Hackett Building, Long Island City	7 00
" 21.	City Magistrate's Court, Long Island City	5 00
" 24.	Hackett Building, Long Island City	10 00
" 25.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	28 00
" 25.	Town Hall, Flushing	5 00
" 25.	Town Hall, Newtown	5 00
" 25.	Town Hall, Jamaica	5 00
" 25.	Health Department, Jamaica	10 00
" 29.	Hackett Building, Long Island City	16 00
Dec. 1.	Department of Public Buildings, Lighting and Supplies, Borough of Queens	80 00
" 7.	Hackett Building, Long Island City	3 50
" 22.	Town Hall, Jamaica	6 00
Total		\$732 20

For Lighting Public Buildings, etc., during the Quarter.

Electric Illuminating and Power Company—		
Oct. 3.	Hackett Building, Long Island City.....	\$165 00
East River Gas Company—		
Oct. 3.	City Magistrate's Court, Long Island City, and Pumping Stations Nos. 1 and 2, Long Island City.....	150 00
Newtown Gas Company—		
Oct. 3.	18 lamps in Elmhurst.....	\$140 00
Dec. 1.	3 lamps in Newtown.....	6 25
Queens Borough Electric Light and Power Company—		
Oct. 3.	Disposal Works, Far Rockaway.....	\$55 00
" 3.	1 arc lamp, Far Rockaway.....	19 00
New York and Queens Gas and Electric Company—		
Oct. 3.	Whitestone Water Works, Whitestone.....	\$40 00
" 3.	Town Hall, Flushing.....	125 00
" 3.	Armory, Flushing.....	150 00
" 3.	8 arc lamps, Flushing.....	141 67
Dec. 7.	1 arc lamp, Bowne Park, Flushing.....	8 00
" 7.	5 gas lamps, Bowne Park, Flushing.....	15 00
Jamaica Gas-light Company—		
Oct. 3.	Soldiers' monument, Jamaica.....	\$50 00
" 3.	13 street lamps, Jamaica.....	100 00
" 3.	Health Department, Jamaica.....	15 00
Richmond Hill and Queens County Gas-light Company—		
Oct. 3.	15 lamps (gas), Richmond Hill.....	\$40 25
Dec. 1.	9 gas lamps, Richmond Hill.....	14 00
Total.....		\$1,240 17

REPORT OF ELECTRICAL TRANSACTIONS.

Exterior Wiring Permits issued during Quarter ending December 31, 1899.

COMPANY.	OCT.	NOV.	DEC.	TOTAL.
New York and New Jersey Telephone Company	30	46	38	114
Electric Illuminating and Power Company	23	10	21	57
Fire Department	4	3	—	7
Postal Telegraph and Cable Company	0	—	—	0
New York and Queens Gas and Electric Company	6	3	3	16
Jamaica Electric Light Company	4	2	6	12
New York and North Shore Railway Company	3	6	—	9
De Kalb avenue and North Beach Railroad Company	2	—	—	2
Jamaica Water Supply Company	—	3	—	3
Long Island Railroad Company	—	1	—	1
New York and Queens County Railway Company	—	3	3	6
Western Union Telegraph Company	—	—	2	2
Queens Borough Electric Light and Power Company	—	—	1	1
Duplicate—Fire Department	—	—	—	—
Total	80	78	73	231

For what Purpose.

	OCT.	NOV.	DEC.	TOTAL.
Erect poles and wires for city lights	1	2	5	8
Erect poles	9	9	5	23
Erect poles and wires	19	7	4	30
Replace poles and wires	4	3	8	15
Erect guy stabs	—	1	1	2
Transfer poles and wires	2	—	7	9
Transfer poles and wires for city light	—	2	9	11
Reset poles	—	2	—	2
Move poles and wires	5	—	1	6
String wires	35	41	31	107
Transfer wires	8	—	—	8
Remove wires	1	2	3	6
Erect lamps and wires	7	1	1	9
Subway	2	—	—	2
Duplicate	—	1	—	1
Total	81	75	75	231

Total applications received	231
Total permits granted	231
Permits granted for telegraph, telephone and signal wires	129
Permits granted for electric light and power	102
Total	231

Interior Wiring, Applications Received and Certificates Granted during the Quarter ending December 31, 1899.

	APPLICA-TIONS	CERTIFI-CATES	INCANDES-CENT.	ARC.	MOTORS.	GENERA-TORS.
October	49	49	954	4	15 1/2 HP.	14 KW.
November	59	49	2,215	17	3,43 1/2 HP.	3,41 1/2 KW.
December	71	54	982	2	109 1/2 HP.	1,10 1/2 KW.
Total	179	152	4,151	23	3,694 1/2 HP.	3,666 KW.

Applications for interior wires from last quarter not complete	123
Total number of inspections made by Inspectors	3,683

The following is a list of Complaints issued for Exterior and Interior Wiring, during the Quarter ending December 31, 1899.

COMPANY.	OCTOBER.	NOVEMBER.	DECEMBER.	TOTAL.
Electric Illuminating and Power Company	9	2	1	12
New York and New Jersey Telephone Company	3	7	6	16
J. B. M. Co. & Sons	1	—	—	1
Osley & Sons	1	—	1	2
T. P. Art's Electrical Engineering Company	1	2	3	6
New York and Rockaway Beach Railway Company	1	—	—	1
R. J. Schenck	3	—	1	4
G. R. Gray & Co.	1	—	—	1
New York and Queens County Railway Company	1	2	1	4
G. E. Miller	1	—	—	1
Jamaica Electric Light Company	1	8	2	11
Vinsberg Manufacturing Company	1	—	—	1
H. P. Rockland	3	—	2	5
Queens Borough Electric Light and Power Company	1	1	1	3
Fire Department	1	—	—	1
J. H. Rudy	1	—	—	1
New York and North Shore Railway Company	—	1	1	2
A. J. Job	—	2	—	2
Wesner Brothers	—	1	—	1
New York and Queens Gas and Electric Company	—	2	—	2
Jamaica Water Supply Company	—	1	1	2
Stevens Electrical Engineering Company	—	1	—	1
St. John's Hospital	—	1	—	1
A. A. Anderson	—	1	—	1
J. F. Watts	—	1	—	1
E. M. Anderson	—	2	—	2
W. H. Hayes	—	1	1	2
R. D. Ellis & Co.	—	1	—	1
W. Rodin	—	1	—	1
Cook Electric Company	—	1	—	1
Department of Highways	—	—	1	1
R. E. Jones	—	—	1	1
Gold and Stock Telegraph Company	—	—	1	1
Newtown Light and Power Company	—	—	2	2
Barrell & Tresham	—	—	1	1
Isen & Co.	—	—	1	1
Total	30	43	32	105

Total number of complaints attended to	91
Total number of complaints	110
Number of complaints left over and being attended to	132
Total number of second notice complaints attended to	15

REPORT OF THE ERECTION OF CITY LAMPS DURING THE QUARTER ENDING DECEMBER 31, 1899.

October—	
Electric Illuminating and Power Company:	
1 arc lamp west side of Barlow street, 600 feet south of Broadway, Long Island City.	
Richmond Hill and Queens County Gas-light Company:	
7 gas lamps on Spruce street, north of Jamaica plank road, Richmond Hill.	
December—	
Richmond Hill and Queens County Gas-light Company:	
5 gas lamps on Lincoln avenue, between Orchard street and Jamaica plank road, Richmond Hill.	
4 gas lamps on Grand avenue, between Myrtle avenue and Jamaica plank road, Richmond Hill.	
Newtown Gas Company:	
3 gas lamps on Hillside avenue, between Metropolitan avenue and Newtown road, Newtown.	
Electric Illuminating and Power Company:	
1 arc lamp west side of Barlow street, about 540 feet south of Flushing avenue, Long Island City.	
1 arc lamp northwest corner of Grand avenue and Barlow street, Long Island City.	
1 arc lamp northwest corner of Grand avenue and Pomeroy street, Long Island City.	
4 arc lamps on Jackson avenue, between Steinway avenue and Heyser street, Long Island City.	

Report of Number of Poles and Amount of Wire Removed by the different Companies during the Quarter ending December 31, 1899.

COMPANY.	OCTOBER.		NOVEMBER.		DECEMBER.		TOTAL.	
	Poles.	Miles Wire.	Poles.	Miles Wire.	Poles.	Miles Wire.	Poles.	Miles Wire.
New York and New Jersey Telephone Company.	14	8.05	17	23.07	4	20.10	35	51.22
Electric Illuminating and Power Company.	3	1.11	16	1.28	18	1.32	37	3.71
Jamaica Electric-light Company.	1	1.11	2	1.11	1	1.11	4	3.33
Queens Borough Electric Light and Power Company.	26	1.11	1	1.11	1	1.11	28	3.33
Brooklyn Heights Railway Company.	43	1.11	1	1.11	1	1.11	45	5.55
New York and Queens County Railway Company.	2	1.11	1	1.11	100	1.11	103	1.11
Total.	114	14.65	48	32.65	125	20.72	287	58.13

CITY OF NEW YORK.

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, BOROUGH OF QUEENS, JAMAICA, February 1, 1900.

Hon. HENRY S. KEARNEY, Commissioner Public Buildings, Lighting and Supplies, No. 21 Park Row, New York City:

DEAR SIR—Herewith attached, I have the honor of submitting a detailed report of the transactions of the Department of Public Buildings, Lighting and Supplies, Borough of Queens, for the year 1899, subdivided as follows:

1. Accounting Department.
2. Orders issued for Supplies and Repairs.
3. Public Buildings.
4. Lamps and Lighting.
5. Electrical Bureau.

Respectfully submitted,

JOEL FOWLER, Deputy Commissioner.

ANNUAL REPORT FOR THE YEAR 1899.

ACCOUNTING DEPARTMENT.

Appropriation—"Salaries of Deputy and Employees, 1899"	\$30,420 00
September 7, less transfer to Contingencies.	500 00
November 10, less transfer to Supplies and Repairs.	1,500 00
	2,000 00
	\$28,420 00
Vouchers issued against same to December 31, 1899.	27,909 95
Balance (final).	\$510 05
Appropriation—"Supplies and Repairs, 1899"	\$20,000 00
Add November 10, transfer from Salaries, etc., account.	1,500 00
	\$21,500 00
Vouchers issued against same to December 31, 1899.	18,618 71
Balance (to meet outstanding orders).	\$2,881 29
Appropriation—"Lamps and Lighting, 1899"	\$344,091 84
Vouchers issued against same to December 31, 1899.	190,459 87
Balance (to meet outstanding contracts and orders).	\$153,631 97
Appropriation—"Contingencies, 1899"	\$500 00
Add September 7, transfer from Salaries, etc.	500 00
	\$1,000 00
Vouchers issued against same to December 31, 1899.	712 98
Balance (to meet outstanding contracts and orders).	\$287 02
Appropriation—"Lamps and Lighting for 1898"	\$244,201 84
Vouchers issued against same up to December 31, 1899.	219,670 74
Balance.	\$24,531 10

ORDERS ISSUED.

Orders were issued for supplies and repairs, fitting-up offices, etc., for the various departments and offices, buildings, etc., in the Borough of Queens, for the year 1899, with returned amounts, as follows:

President of the Borough, Long Island City.	\$282 27
Town Hall, Jamaica.	1,325 68
Town Hall, Flushing.	309 15
Town Hall, Newtown.	492 78
Hackett Building, Long Island City.	3,387 98
Village Hall, Jamaica.	63 30
Village Hall, Far Rockaway.	1,493 10
Armory, Flushing.	450 10
Healey Building, Far Rockaway.	57 55
Magistrate's Court Building, Long Island City.	54 25
Department of Public Buildings, Lighting and Supplies, Borough of Queens.	3,616 12
Department of Buildings, Jamaica.	263 70
Department of Health, Jamaica.	239 02
Department of Sewers, Long Island City.	421 30
Department of Finance (Auditor), Long Island City.	241 95
Department of Bridges, Long Island City.	5 00
Department of Water Supply, Long Island City.	489 75
Department of Highways, Long Island City.	861 20
Department of Highways, Jamaica.	76 00
Department of Finance (Expert Accountant), Jamaica.	434 30
Department of Assessments and Arrears, Long Island City.	552 10
Department of Taxes and Assessments, Long Island City.	743 57

Deputy City Clerk, Long Island City.	\$407 76
Board of Public Improvements, Long Island City.	402 03
Coroner's Office, Jamaica.	75 41
Municipal Court, First District, Long Island City.	612 01
Municipal Court, Second District, Newtown.	55 00
Municipal Court, Third District, Jamaica.	55 00
City Magistrate's Court, First District, Long Island City.	45 32
City Magistrate's Court, Second District, Flushing.	109 00
City Magistrate's Court, Third District, Far Rockaway.	5 00
Deputy Receiver of Taxes, Long Island City.	1,472 56
	\$21,490 26

BUILDINGS.

The following is a statement of the buildings in the Borough of Queens of which this Department had cognizance and control during the year 1899:

BUILDING.	LOCATIONS.	LEASED OR OWNED.
Hackett Building.	Jackson avenue, corner Fifth street, First Ward, Long Island City.	Leased.
City Magistrate's Court Building.	Corner Sixth street and East avenue, First Ward, Long Island City.	"
Municipal Court Building.	No. 46 Jackson avenue, First Ward, Long Island City.	"
Third floor, Long Island City Savings Bank Building.	Jackson avenue, First Ward, Long Island City.	"
Old Court Building.	Broadway and Court street, First Ward, Long Island City.	Owned.
Town Hall, Newtown.	Broadway and Court street, Second Ward, Newtown.	"
Town Hall, Flushing.	Broadway and Linden street, Third Ward, Flushing.	"
Armory, Flushing.	Amity street, Third Ward, Flushing.	"
Town Hall, Jamaica.	Fulton street and Flushing avenue, Fourth Ward, Jamaica.	"
Second floor, Bernhard Court Building.	Nos. 379 and 374 Fulton street, Fourth Ward, Jamaica.	Leased.
Second floor, Jamaica Savings Bank Building.	Fulton street, Fourth Ward, Jamaica.	"
Third floor, Faber Building.	"	"
Village Hall, Far Rockaway.	Central avenue, near Mont, Fifth Ward, Far Rockaway.	Owned.
Healey Building, Far Rockaway.	Mont avenue, Fifth Ward, Far Rockaway.	Leased.
Village Hall, Jamaica.	Union avenue, Jamaica.	Owned.
Village Hall, Arverne.	Arverne.	"

HACKETT BUILDING.

This building, known as Borough Hall, is occupied by the following Departments:

Departments of Highways and Street Cleaning, Department of Sewers, Department of Water Supply, Department of Bridges, Department of Taxes and Assessments, Department of Assessments and Arrears, Office of the Deputy Receiver of Taxes, Department of Finance (Deputy Auditor), Office of the President of the Borough, Office of the Deputy City Clerk, Office of the Deputy City Paymaster and the Office of the Bureau of Licenses.

In order to arrange the interior of the building to meet the requirements of the various Departments it was necessary to expend considerable money for carpenter work, painting, plastering work, plumbing, electrical fixtures, etc. Office furniture and supplies were furnished the above Departments during the year, as required.

CITY MAGISTRATE'S COURT.

First District—The building occupied by the above Court was leased by the officials of Long Island City previous to consolidation. It is unsuitable for Court purposes, its sanitary condition vile, and its location undesirable. The lease having expired April last, and not renewed, it was expected that other quarters would be assigned; for that reason practically no expense has been incurred in fixing up the building, except for the usual furniture and supplies.

MUNICIPAL COURT.

First District—This building was leased by the proper city authorities, and such interior alterations made as to suit the convenience of a court; necessary Judges' benches, furniture, etc., were provided, making a comfortable and convenient court-room.

LONG ISLAND CITY SAVINGS BANK BUILDING.

Third floor—These rooms were assigned to the Topographical Bureau, Board of Public Improvements. The necessary supplies and furniture have been furnished on requisition.

OLD COURT BUILDING (ASTORIA).

This building is owned by the city; it is in a dilapidated condition and useless for city purposes. It is occupied by a caretaker.

TOWN HALL (NEWTOWN).

Building occupied by the Municipal Court, Second District, and Police Department. The building is in good condition and only a few slight repairs were necessary. The court has been furnished with the necessary supplies, law books, etc.

TOWN HALL (FLUSHING).

Occupied by the City Magistrate's Court, Second District, Police Department and the Local Superintendent of Highways. The usual Janitor's supplies have been furnished and necessary repairs made.

ARMORY (FLUSHING).

Occupied by the Seventeenth Separate Company, N. G., S. N. Y. Light, fuel and other supplies have been supplied. One of the towers was destroyed by fire last March, and replaced at an expense of \$135.

TOWN HALL (JAMAICA).

Occupied by the Court of Special Sessions, Municipal Court, Third District; Department of Buildings, Department of Public Buildings, Lighting and Supplies, Coroner's Office, Police Department and Local Superintendent of Highways.

The building is in fairly good condition, repairs having been made to the roof and leaders, and it was found necessary to thoroughly overhaul the heating apparatus, which had been in service several years. Alterations have been made in the court-room, providing convenient rooms for the Court Clerks.

THE BERNHARD COURT BUILDING.

Second floor—These rooms were assigned to the Department of Health and the Assistant Register of Records. The necessary furniture and supplies have been furnished on requisition.

JAMAICA SAVINGS BANK BUILDING.

Second floor—Occupied by the Department of Finance (Expert Accountant). All necessary supplies have been furnished as required.

FABER BUILDING.

Third floor—Occupied by the Law Department (Assistant Corporation Counsel), until October, 1899, when the office was removed to Manhattan. The usual supplies were furnished during their occupancy.

VILLAGE HALL (FAR ROCKAWAY).

This building had been unoccupied since consolidation. It has been put in thorough condition and is now occupied by the City Magistrate's Court, Third District, and the Local Superintendent of Highways.

The exterior of the building has been considerably altered, painted and all necessary repairs made. The interior has been altered, the walls papered, woodwork painted, plumbing overhauled, new heating apparatus and electric-light fixtures provided. The court room has been fitted up with Judge's bench, etc., making the building one of the most convenient and comfortable for court purposes in the borough.

VILLAGE HALL (JAMAICA).

Building occupied by the Department of Health and Assistant Registrar of Records until July 1, 1899, and being unsuitable for the requirements of the Department, quarters were assigned them in the Bernhard Court Building.

On October 31, 1899, the Municipal Assembly set the building aside for the use of the Excelsior Hose Company.

VILLAGE HALL (ARVERNE).

The first floor of this building is occupied by the Fire Department; the second floor is held by the Arverne-by-the-Sea Association under a five (5) years' lease, executed by the former Village Trustees of the Village of Arverne on November 27, 1897.

No expenditure has been incurred by this Department during the year.

December 31, 1899, a complete inventory of the property of the City contained in the various buildings in the Borough of Queens, was made and filed in the office of the Commissioner.

LAMPS AND LIGHTING.

Contracts.

Following is a list of contracts in force during the year 1899:

Electric Illuminating and Power Company, Long Island City.
Margaret Dwyer, Village of Flushing.
Edwin Garcia, Jr., Town of Flushing.
Jamaica Electric-light Company, Village of Jamaica.
Jamaica Electric-light Company, Brooklyn Hills.
Jamaica Electric-light Company, Woodhaven.
Jamaica Electric-light Company, District No. 5.
Jamaica Gas-light Company, Duntun.
Jamaica Gas-light Company, public buildings.
New York and New Jersey Globe Gas-light Company, Arverne-by-the-Sea.
New York and New Jersey Globe Gas-light Company, Rockaway Beach.
Patrick Neagle, Inwood (lights discontinued April 21, 1899).
New York and Queens Gas and Electric Company, Village of Flushing, successors to the Flushing Gas and Electric Light Company.
New York and Queens Gas and Electric Company, Town of Newtown, successors to the Newtown Light and Power Company.
New York and Queens Gas and Electric Company, College Point, successors to the New York and Queens Light and Power Company.
New York and Queens Gas and Electric Company, Village of Flushing, successors to the New York and Queens Light and Power Company.
New York and Queens Gas and Electric Company, Town of Flushing, successors to the New York and Queens Light and Power Company.
New York and Queens Gas and Electric Company, Village of Whitestone, successors to the New York and Queens Light and Power Company.
New York and Queens Gas and Electric Company, Village of Whitestone, successors to the New York and Queens Light and Power Company.
New York and Queens Gas and Electric Company, Village of Whitestone, successors to the New York and Queens Light and Power Company.
Newtown Gas Company, Town of Newtown.
Queens Borough Electric Light and Power Company, Far Rockaway.
Queens Borough Electric Light and Power Company, Inwood and Edgemere, sixteen lights discontinued in Inwood April 21, 1899.

Queens Borough Electric Light and Power Company, Rockaway Beach.
Richmond Hill and Queens County Gas-light Company, Richmond Hill.
Welsbach Street Lighting Company of America, College Point.
Bowery Bay Electric Light and Power Company, North Beach (lights discontinued October 12, 1899).

Following is a statement of street lamps in service January 1, 1899, Borough of Queens:

Arc electric lamps (of which 35 are free).....	1,942
Incandescent electric lamps.....	140
Gas lamps.....	3,784
Welsbach gas lamps.....	293
Naphtha lamps.....	874
Oil lamps.....	40
Total	7,070

Additional Lamps Placed in Service during the Year 1899.

Arc electric lamps.....	33
Welsbach gas lamps.....	4
Gas lamps.....	27
Total	64

1 additional gas lamp at Rockaway Beach, in service from August 1 to October 1.

4 additional naphtha lamps at Arverne, in service from July 24 to October 1.

Lamps Discontinued.

Queens Borough Electric-light and Power Company, Inwood (arc lamps).....	16
Patrick Neagle, Inwood (naphtha lamps).....	250
Bowery Bay Electric-light and Power Company, North Beach (arc lamps).....	28
Total lamps discontinued	294

The street lamps in service in the Borough of Queens, December 31, 1899, were as follows:

Arc electric lamps (of which 31 are free lamps).....	1,931
Incandescent electric lamps.....	140
Welsbach gas lamps.....	297
Gas lamps.....	3,812
Naphtha lamps.....	620
Oil lamps.....	40
Total	6,840

At intervals during the year the street lamps operated by the various companies have been inspected and counted and the time of lighting and extinguishing looked after.

Statement of the amounts deducted from the bills of companies, on account of lamps not being lighted, as per Police reports, during the year 1899.

COMPANY.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	TOTAL.
Bowery Bay Electric-light and Power Company.....	...	\$23.78	\$0.75	\$0.20	\$1.30	\$3.45	\$14.72	\$10.30	\$61.48	\$0.22	...	...	\$115.01
Electric Illuminating and Power Company.....	\$1.78	\$9.43	\$0.00	\$0.00	\$3.80	\$0.72	\$3.50	\$10.70	\$2.01	\$11.26	\$0.21	\$46.37	\$72.75
New York and Queens Gas and Electric Company, Flushing Village.....	29	...	...	08	1.27
Jamaica Electric-light Company, Jamaica Village.....	...	74	1.60	...	2.40	77	...	4.72	...	...	3.48	...	21.40
Jamaica Electric-light Company, Woodhaven.....	3.48	...	7.41
Queens Borough Electric-light and Power Company, Rockaway Beach.....	101.80
New York and Queens Gas and Electric Company, Flushing Village.....	27	...	2.70	68	...	34	97.93	34	...	...	74	41	25.71
New York and Queens Gas and Electric Company, Town of Flushing.....	12.30	...	30.27	...	33.30	...	...	...	...	...	34.63
New York and Queens Gas and Electric Company, College Point.....	55	...	...	...	...	...	...	...	...	...	55
New York and Queens Gas and Electric Company, Whitestone.....	...	37	1.78	78	1.68	47	5.42	30	...	...	19	4.06	72.83
New York and Queens Gas and Electric Company, Newtown.....	84	...	...	44
Newtown Gas Company, Newtown.....	...	10.30	24	...	...	...	...	...	...	...	...	...	34.00
Richmond Hill and Queens County Gas-light Company.....	10
Total	\$421.31

REMARKS.

The surplus in the appropriation for "Lamps and Lighting" was occasioned by the fact that provision was made to pay the amounts of the contracts made with the Jamaica Electric-light Company, Lighting District No. 5 (Town of Jamaica); the Queens Borough Electric-light and Power Company (Inwood Lighting District); the Bowery Bay Electric-light and Power Company (North Beach Lighting District); and of Patrick Neagle (Inwood Lighting District), for the year 1899.

The Appellate Court having decided that the contract made for Lighting District No. 5 (Jamaica) was invalid, the amount this company would have received was withheld.

Pursuant to an act of the Legislature changing the westerly boundary line of the city the Inwood Lighting District was removed, thereby relieving the City from lighting the same, from the 21st day of April, 1899.

Owing to litigation and the questioned validity of their contract, the Bowery Bay Electric-light and Power Company, at North Beach, extinguished their lamps October 12, 1899.

And by judicious alterations in fixtures and appliances for lighting public buildings a considerable saving was effected.

JAMAICA, February 7, 1900.

The following is a summary of the electric transactions of the Department of Public Buildings, Lighting and Supplies, Borough of Queens, during the year 1899.

Applications Received and Permits Granted for Exterior Work.

Total number of applications received.....	1,072
Total number of permits granted.....	1,063
Total number of duplicate permits.....	9
Total	1,063

Applications Received and Certificates Granted for Interior Work.

Total number of applications received.....	913
Total number of certificates granted.....	783
Total number of incandescent lamps.....	17,000
Total number of arc lamps.....	137
Total number of outlets.....	530
Total number of services.....	5
Total number of motors, 234 1/2 H. P.....	75
Total number of generators, 88 1/2 K. W.....	8
Total number of heaters.....	3

Complaints sent to the various Companies and Contractors.

Total number of complaints.....	500
Total number of complaints attended to.....	398
Total number of inspections made by Inspectors	9,323

Poles and Wires Removed by the various Companies.

Total number of poles.....	700
Total amount of wires, miles.....	176.41

Permits Granted for Exterior Work.

	QUARTERS.				
	First.	Second.	Third.	Fourth.	Total.
Electric Illuminating and Power Company.....	44	48	38	32	172
New York and New Jersey Telephone Company.....	103	151	131	112	597
L. Labor.....	3	...	...	...	3
Queens Borough Electric-light and Power Company.....	40	40	6	1	87
Fire Department.....	23	...	...	7	30
Jamaica Electric-light Company.....	9	26	3	12	40
Newtown Light and Power Company.....	1	8	...	...	9
New York and Queens Gas and Electric Company.....	18	31	13	17	79
New York Sugar Refining Company.....	1	...	...	...	1
Long Island Railroad Company.....	2	...	...	...	2
Richmond Hill and Queens County Gas-light Company.....	1	...	...	...	1
New York and Queens County Railway Company.....	25	7	10	1	43
Bowery Bay Electric-light and Power Company.....	...	23	9	...	32
Western Union Telegraph Company.....	...	2	3	...	5
New York and Rockaway Beach Railway Company.....	...	1	...	...	1
New York and North Shore Railway Company.....	...	...	1	9	10
Brooklyn Heights Railroad Company.....	...	...	1	...	1
Jamaica Water Supply Company.....	...	...	...	1	1
Postal Telegraph Company.....	...	...	...	6	6
DeKalb Avenue and North Beach Railway Company.....	...	...	...	2	2
Total	478	351	204	290	1,063
Duplicate Permits					
New York and Queens Gas and Electric Company.....	...	3	...	...	3
Queens Borough Electric-light and Power Company.....	...	5	...	...	5
New York and New Jersey Telephone Company.....	...	...	2	...	2
Fire Department.....	...	...	...	1	1
Total	478	357	206	291	1,072

The following is a list of vouchers transmitted during quarter ending December 31, 1899:

DATE.	IN FAVOR OF.	AMOUNT.
Apr. 1, 1899	New York and Staten Island Electric Company	\$475 00
" 1, "	"	408 81
" 1, "	"	445 30
" 1, "	"	528 90
" 1, "	"	8,707 44
" 1, "	"	374 73
" 1, "	"	1,890 16
" 1, "	"	9,374 44
" 1, "	"	9,041 37
Oct. 1, "	"	9,131 95
" 1, "	"	3,225 00
" 1, "	"	373 00
" 1, "	"	7,044 30
" 1, "	"	9,941 37
" 1, "	"	9,730 44
" 1, "	"	9,334 44
Sept. 30, "	Alexander Van Pelt	100 00
" 30, "	Richmond County Gas-light Company	20 80
Oct. 31, "	Alexander Van Pelt	100 00
Nov. 30, "	"	100 00
Total		\$74,521 97

"Contingencies."

Quarter ending June 30, 1899—"Contingencies," 1899	\$64 60
" September 30, 1899—"Contingencies," 1899	86 15

The following vouchers were transmitted during quarter ending December 31, 1899:

DATE.	IN FAVOR OF.	AMOUNT.
Sept. 31, 1899	Morey & Larue	51 75
Oct. 1, "	John A. Driscoll	13 00
" 1, "	Dwyer Sullivan	8 00
" 1, "	Harmon Van Vichten	18 30
" 1, "	George Sheridan	46 35
Dec. 1, "	Edward I. Miller	19 00
Total		\$144 40

RECAPITULATION.

Quarter ending March 31, 1899, "Supplies and Repairs," 1898	\$1,826 45
" March 31, 1899, "Supplies and Repairs," 1899	735 07
" June 30, 1899, "Supplies and Repairs," 1899	1,207 47
" September 30, 1899, "Supplies and Repairs," 1899	9,251 82
" December 31, 1899, "Supplies and Repairs," 1899	2,854 31
" March 31, 1899, "Lamps and Lighting," 1898	23,848 25
" March 31, 1899, "Lamps and Lighting," 1899	200 00
" June 30, 1899, "Lamps and Lighting," 1899	342 30
" September 30, 1899, "Lamps and Lighting," 1899	320 85
" December 31, 1899, "Lamps and Lighting," 1899	74,521 97
" June 30, 1899, "Contingencies," 1899	64 60
" September 30, 1899, "Contingencies," 1899	86 15
" December 31, 1899, "Contingencies," 1899	84 50
Total	\$110,438 54

ORDERS ISSUED DURING YEAR 1899.

"Supplies and Repairs."

Orders issued during quarter ending March 31, 1899	\$1,295 97
Orders issued during quarter ending June 30, 1899	1,583 47
Orders issued during quarter ending September 30, 1899	2,415 07

The following is a list of orders issued during quarter ending December 31, 1899:

DATE.	DESCRIPTION.	WHERE FURNISHED.	AMOUNT.
Oct. 4, 1899	Coal	Surrogate's office	\$216 00
" 4, "	Repairing boiler	Edgewater Village Hall	54 00
" 4, "	Office furniture	Receiver of Taxes	232 21
" 4, "	Building desk	County Clerk	75 00
" 7, "	Repairing typewriter	Public Buildings, etc.	94 75
" 7, "	Photometer	"	90 00
" 24, "	Electrical repairs	Edgewater Village Hall	19 00
Nov. 31, "	Building fence	New Brighton Village Hall	60 00
" 31, "	Stoves, etc.	"	159 85
" 30, "	Building oak cabinet	Highway Department	16 50
" 28, "	Wood and coal	New Brighton Village Hall	14 45
" 28, "	Coal	Edgewater Village Hall	45 00
" 29, "	Stoves, etc.	Collector of Assessments and Arrears	56 62
Dec. 12, "	Motor and case	Public Buildings, etc.	32 50
" 18, "	Installing electric lamps	Collector of Assessments and Arrears	55 00
" 15, "	Official seals	County Clerk	7 30
" 15, "	Repairs to windows	New Brighton Village Hall	30 00
" 15, "	Electrical equipments	Public Buildings, etc.	170 00
" 22, "	Fals	Health Department	400 00
" 24, "	"	Building Department	300 00
" 28, "	"	Commissioner of Juries	300 00

DATE.	DESCRIPTION.	WHERE FURNISHED.	AMOUNT.
Dec. 1, 1899	Supplies	Bureau of Licenses	\$175 00
" 1, "	"	Board of Charities	175 00
" 1, "	Letter press	Health Department	30 00
" 1, "	Time stamp	County Clerk	50 00
" 1, "	Book typewriter	"	150 00
Total			\$1,175 00

"Lamps and Lighting."

Orders issued during quarter ending March 31, 1899	\$300 00
Orders issued during quarter ending June 30, 1899	300 00
Orders issued during quarter ending September 30, 1899	929 31

The following is a list of orders issued quarter ending December 31, 1899:

DATE.	DESCRIPTION.	WHERE FURNISHED.	AMOUNT.
Oct. 1, 1899	Oil lighting	Village of Totenville	\$100 00
" 1, "	Gas	New Brighton and Edgewater Village Halls	78 15
Nov. 1, "	Oil lighting	Village of Totenville	100 00
Dec. 1, "	"	"	100 00
" 1, "	Transferring electric lamps	Public Buildings, etc.	200 00
Total			\$578 15

"Contingencies."

Order issued during quarter ending September 30, 1899	\$17 60
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RECAPITULATION.

March 31, 1899, "Supplies and Repairs," 1898	\$1,295 97
June 30, 1899, "Supplies and Repairs," 1899	1,583 47
September 30, 1899, "Supplies and Repairs," 1899	2,415 07
December 31, 1899, "Supplies and Repairs," 1899	3,312 27
March 31, 1899, "Lamps and Lighting," 1898	300 00
June 30, 1899, "Lamps and Lighting," 1899	300 00
September 30, 1899, "Lamps and Lighting," 1899	929 31
December 31, 1899, "Lamps and Lighting," 1899	378 15
September 30, 1899, "Contingencies," 1899	17 60
Total	\$10,732 44

Permits Issued during Year 1899.

NAME OF COMPANY.	NUMBER OF PERMITS.			
	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	FOURTH QUARTER.
New York and New Jersey Telephone Company	124	109	140	127
New York and Staten Island Electric Company	20	245	140	92
United Telegraph Cable Company	1	1	1	1
Metropolitan Telephone and Telegraph Company	1	1	1	1
American Telephone and Telegraph Company	1	1	1	1
Western Union Telegraph Company	1	1	1	1
Staten Island Electric Railroad Company	1	1	1	1
Staten Island Midland Railroad Company	1	1	1	1
Richmond County Gas-light Company	1	1	1	1
Total	190	377	305	299

Interior Wiring.

	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	FOURTH QUARTER.	TOTAL.
Applications received for interior wiring	37	272	75	73	457
Certificates issued for interior wiring	37	111	54	93	295

Number of Generators Installed during Year 1899.

1 twenty K. W.

Number of Motors Installed during Year 1899.

Quarter ending March 31—One 20 H. P., one 15 H. P., one 10 H. P., three 5 H. P., three 1 H. P., one 3 H. P. and two 2 H. P.
 Quarter ending June 30—Four 1-12 H. P., one 5 H. P., one 2 H. P. and one 15 H. P.
 Quarter ending September 30—One 7½ H. P., two 2 H. P., one 5 H. P., one 1½ H. P., one 1-12 H. P., one 1 H. P., one 18 H. P., one 3 H. P., one 4 H. P. and one 1-3 H. P.

Commercial Lighting, 1899.

	FIRST QUARTER.	SECOND QUARTER.	THIRD QUARTER.	FOURTH QUARTER.
Arc	1,111	51	1,111	1
Incandescent	4,977	1,244	821	1,359

Total arc lamps	55
Total incandescent lamps	7,203

Amount of Overhead Wire Removed during Year.

	Feet.
First quarter	9,915
Second quarter	3,700
Third quarter	1,550
Total	15,165

Number of Lamps Burning at end of Year—Public Lighting.

Arc lamps	382
Incandescent lamps	2,883
Oil lamps	100

Complaints heard during Year.

NAME OF COMPANY.	RECEIVED.	ADJUDICATED TO.
<i>Quarter ending June 30.</i>		
New York and Staten Island Electric Company	88	55
New York and New Jersey Telephone Company	31	10
Staten Island Midland Railroad Company	10	9
Staten Island Electric Railroad Company	11	10
American Telephone and Telegraph Company	1	0
Total	139	94
<i>Quarter ending September 30.</i>		
New York and Staten Island Electric Company	35	31
New York and New Jersey Telephone Company	8	3
Staten Island Electric Railroad Company	1	1
Staten Island Midland Railroad Company	1	1
Total	45	36

N. B.—There were no complaints heard during quarter ending March 31, or quarter ending December 31, 1899.

DEPARTMENT OF FINANCE.

Abstract of transactions of the Department of Finance for the week ending April 7, 1900.

Deposited in the City Treasury.

To the credit of the City Treasury	\$432,959 26
" " Sinking Fund	389,657 33
Total	\$822,616 59

Stock Issued.

Three per cent. Stock	\$30,000 00
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Warrants Registered for Payment.

Appropriation Accounts, "A" Warrants	\$1,473,519 67
Special and Trust Accounts, "B" Warrants	1,490,265 95
Additional Water Fund, "C" Warrants	4,146 10
Total	\$2,967,931 72

Suits, Orders of Court, Judgments, etc.

COURT.	NAME OF PLAINTIFF.	AMOUNT.	NATURE OF SUIT.	ATTORNEY.
Supreme.	Clifford H. Gest vs. Alma H. De Belor		Affidavit and notice of motion to be made April 4, 1900, for an order appointing a receiver in above-entitled action.	Clifford H. Gest.
"	The People of the State of New York vs. Frank Merino	\$112 30	Order directing that O'Hare & Dinneen, trustees for the above-named defendant, be allowed \$100,000 interest fee and \$10,000 for incidental and personal expenses.	Attorneys in person
Supreme Richmond	The People of the State of New York vs. Joseph Zachell	27 00	Certified copy under allowing Frederick S. Mullen and William M. Mullen, counsel for the above-named defendant, \$20 each as counsel fees, and \$7 extra for their incidental expenses.	Frederick S. and William M. Mullen.
Supreme.	Clifford H. Gest vs. Alma H. De Belor		Notice of motion for the appointment of a receiver in above-entitled action, adjourned from April 4, 1900, to April 11, 1900.	Walter K. Barton.
"	Matter of application of William Brookfield, as Commissioner of Public Works, relative to acquiring certain "real estate," as defined in chapter 179, Laws of 1899.		Order confirming Second Separate Report, "Masoco, Proceeding."	
"	Matter of the application of Philip Burkhard, as assignee of the firm of Smith & Burden, for a peremptory writ of mandamus against Bird S. Coler, as Comptroller and Robert A. Van Wyck, as Mayor.		Order to show cause April 9, 1900, why a peremptory writ of mandamus should not issue directing Bird S. Coler to draw his warrant on the Chamberlain for the amount of the judgment stated therein.	Foster & Foster.
City Court.	Gormally & Jeffery Manufacturing Company vs. Frank A. Mason		Copy of order directing Bird S. Coler, as Comptroller, to pay to the Sheriff of the County of New York \$2000.	Hugh L. Maxson.
N. Y. C. Supreme	Matter of application of Mary V. Murphy for a peremptory writ of mandamus against Bird S. Coler, as Comptroller and Robert A. Van Wyck, Mayor.		Copy affidavit and order to show cause April 9, 1900, why a peremptory writ of mandamus should not issue directing Bird S. Coler to draw his warrant on the Chamberlain for the amount of the judgment as stated therein.	George W. Stephens.
"	Matter of the application of James Kilian for a writ of mandamus against James Kane, Commissioner of Sewers and Matthew J. Gaudier, Deputy Commissioner of Sewers.		Certified copy of order directing James Kane and Matthew J. Gaudier to satisfy the claim of said James Kilian, or that they show cause why the command of this writ might not be obeyed.	Alden & Carpenter.

COURT.	NAME OF PLAINTIFF.	AMOUNT.	NATURE OF SUIT.	ATTORNEY.
Supreme, Kings.	Catherine Hageman vs. Wm. Lynch, individually, and as administrator of the goods, etc., of Mary Lynch, William Lynch, Jr., et al.		Copy of summons and complaint. For the foreclosure of a mortgage in above-entitled action.	George W. Eastman.
Supreme, Kings.	Henry W. Sherrill et al. vs. The City of New York, Charles F. Millman et al.		Summons and complaint. That certain judgments be vacated and set aside as regards The City of New York.	A. C. Sherrill.
Supreme, New York.	In the matter of the voluntary dissolution of Harpor & Brothers, a domestic corporation.		Certified copy of order appointing a temporary receiver, etc.	
"	In the matter of the application of John H. Hahn and Lizzie Hahn, for payment of an award.	\$417 14	Order directing the Comptroller to pay to John H. Hahn and Lizzie Hahn the sum of \$417.14, amount awarded by the Commissioners of Estimate, for Damage No. 25, in proceedings to acquire title to Benson street, from Freeman to Woodruff street.	Gumblerton & Horrocks.
"	In the matter of the application of the Corporation Counsel to acquire title to certain lands pursuant to chapter 284, Laws of 1891.		Notice of motion to be made April 10, 1900, for an order requiring the Comptroller to pay the sum now in his hands, awarded to out-of-town owners for Damage No. 19, to the petitioners set forth in said petition.	Clark Ed.
"	James Wheeler	2,500 00	Summons and complaint. To recover \$2,500 balance due under contract between said James Wheeler and the Board of Education of Richmond County.	DeGroot, Lawson & Stafford.
Supreme, Putnam.	Eliza B. Wines	45 19	Transcripts of judgment, as follows:	Abraham J. Miller.
Supreme, Queens.	Medison Birch	40 30		"
Supreme, Queens.	Henry W. Doh	31 01		"
Supreme, Kings.	J. H. Versine	65 54		Foster & Foster.
Supreme, Nassau.	Margaret Hall	2,184 30		Town & McCrossin.
Supreme, Nassau.	James Ryan	119 84		Daniel F. Kieley.
Supreme, Nassau.	David Baldwin, administrator	514 00		George W. Davison.
Supreme, Nassau.	David and Ann Baldwin, trustees	275 58		A. N. Weller.

Claims Filed.

DATE.	NAME OF CLAIMANT.	AMOUNT.	NATURE OF CLAIM.	ATTORNEY.
1900, Apr. 2	John W. Ruhl	\$180 43	For goods, wares and merchandise supplied to the County Jail, Borough of Queens.	Foster & Foster.
" 2			To recover difference between wages paid and the prevailing rate of time of service, as follows:	
" 2	Patrick Sweeney	67 30		John E. Farrar.
" 2	William McDermott	11 03		William G. Brown.
" 2	Michael Ryan	46 31		"
" 2	Dina Kent	67 30		Thomas E. Rusk.
" 2	Patrick Henry	41 40		"
" 2	John Kessler	446 00		"
" 2	Margaret Brady, administratrix of Peter P. Brady, deceased	220 00	For services rendered by said Peter P. Brady, as Commissioner in proceedings for the widening of St. Ann's avenue, Borough of The Bronx.	
" 2	Elia G. Cook, administratrix of George F. Cook, deceased	100 00	For services rendered by said George F. Cook, as Commissioner in proceedings for the widening of St. Ann's avenue, Borough of The Bronx.	
" 2	Mary Gleason, administratrix of Patrick Gleason, deceased	254 50		Microscopic A. Herald.
" 2	Sylvester Rogers	278 31		"
" 2	Rosetta Morgan, administratrix of Walter F. Morgan, deceased	20 57		"
" 2	John Sheridan	5,000 00		"
" 2	James M. Connable et al., trustees of Henrietta Connable, deceased, and Frederick A. Connable, individually	191 62	For rent of Rooms Nos. 1004 and 1005, Connable Building, New York.	Townsend Wardell.
" 2	Frederick W. Hinrichs and Louis Hinrichs, executors of the estate of Charles F. A. Hinrichs, deceased		Claim to certain awards made in residence of Henry street, Borough of Brooklyn.	Alfred E. Hinrichs.
" 2	Harriet H. Butts	14 30	For services rendered as Nurse in the Department of Public Charities between May 1, 1899, and August 1, 1899.	William O. Miles.
" 2			Amount paid as a light tax in Lighting District No. 5 of the former Town of Jamaica, as follows:	Herman W. Schmitz.
" 2	John Schmidt	31 98		"
" 2	Aligail V. Hendrick	44 26		"
" 2	Thodore Zeh	29 00		"
" 2	William Winke	2,055 86	Amount of certain awards made to said W. Winke in proceedings to acquire title to Briggs avenue, from One Hundred and Ninety-fourth to Southern Boulevard, City of New York.	Thomas H. Baldwin.
" 2			To recover difference between wages paid and the prevailing rate at time of service, as follows:	
" 2	Edwin T. Hyde (and overmen)	2,218 00		Thomas J. Bonham.
" 2	Joseph Scott	159 38		W. B. Criswell.
" 2	Joseph Grant	394 50		D. E. Ruppel.
" 2	Anthony Seickert	167 00		E. J. Martin.

Opening of Proposals.

The Comptroller, by representative, attended the opening of proposals at the following departments, viz.:

1900.
 April 2. For the materials and work required for the erection of a new derrick, boom and rigging at the cold-storage yard, Bellevue Hospital grounds—For Department of Public Charities.
 April 4. For furnishing forage, and for tires, hose wagons, hook and ladder truck—For Fire Department.
 April 4. For sewers in West street, between West Eleventh and Horatio streets; and in Washington street, between Jane and West Twelfth streets, with alteration and improvement to connecting sewers in Bank, Bethune, West Twelfth, Jane, Horatio, Washington and Gansevoort streets, and in Thirteenth avenue, Borough of Manhattan—For Department of Sewers.
 April 4. For sewers in One Hundred and Sixty-fourth street, between Amsterdam avenue and Kingsbridge road; and in Kingsbridge road, east and west sides, between One Hundred and Sixty-second and One Hundred and Sixty-fifth streets, Borough of Manhattan—For Department of Sewers.
 April 4. For sewers in One Hundred and Twenty-fifth street, north side, between Third and Lexington avenues; and south side, between Third and Park avenues, Borough of Manhattan—For Department of Sewers.
 April 4. For sewer in Second avenue, between Second and Third streets, Borough of Manhattan—For Department of Sewers.
 April 4. For repairs to wooden barrel sewer, under Pier, new 36, North river, Borough of Manhattan—For Department of Sewers.
 April 4. For sewer and appurtenances in Walton avenue, between East One Hundred and Seventy-second and Rockwood streets, Borough of The Bronx—For Department of Sewers.
 April 5. For furnishing ten sets of heavy double-team harness, and masons' supplies, carpenters' supplies, iron pipe, fittings, etc., lumber, etc., hardware, etc.—For Department of Parks.
 April 5. For furnishing forage—For Department of Street Cleaning.

Approval of Sureties.

The Comptroller approved of the adequacy and sufficiency of the sureties on the following proposals, viz.:

1900.
 April 2. For removing dead trees in Riverside Park—For Department of Parks.
 Eugene P. Mahany, No. 461 West One Hundred and Fifty-fifth street, Principal.
 The American Bonding and Trust Company of Baltimore City, No. 255 Broadway, New York City, } Sureties.
 National Surety Company, No. 345 Broadway, New York, }
 April 2. For regulating, etc., Gen Hill road (Olio avenue)—For Department of Highways.
 James Mulloy & Co., Woodlawn, New York City, Principals.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, } Sureties.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, }
 April 2. For sewers in Seventy-first, Seventy-second, Seventy-third, Seventy-fourth streets, etc. (Brooklyn)—For Department of Sewers.
 William F. Norton, No. 147 East One Hundred and Twenty-fifth street, Principal.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, } Sureties.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, }
 April 2. For sewer in Eighty-sixth street, etc. (Brooklyn)—For Department of Sewers.
 William Downey, No. 740 Jefferson avenue, Principal.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, } Sureties.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, }
 April 2. For sewer in Jackson avenue, etc.—For Department of Sewers.
 E. Eugene Egler, No. 167 West Eighty-first street, Principal.
 Simon Levy, No. 106 East Fifty-eighth street, } Sureties.
 Edward Roche, Far Rockaway, New York City, }
 April 2. For sewer in Crotona Park, South—For Department of Sewers.
 E. Eugene Egler, No. 167 East Eighty-first street, Principal.
 Simon Levy, No. 106 East Fifty-eighth street, } Sureties.
 Edward Roche, Far Rockaway, New York City, }
 April 2. For sewer in Bathgum avenue—For Department of Sewers.
 E. Eugene Egler, No. 167 East Eighty-first street, Principal.
 Simon Levy, No. 106 East Fifty-eighth street, } Sureties.
 Edward Roche, Far Rockaway, New York City, }
 April 5. For regulating, etc., East One Hundred and Eighty-third street—For Department of Highways.
 Charles W. Collins, Webster avenue and One Hundred and Sixty-sixth street, Principal.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, } Sureties.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, }
 April 3. For regulating, etc., Topping avenue—For Department of Highways.
 D. W. Moran, No. 365 Backhous street, Principal.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, } Sureties.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, }
 April 3. For furnishing gravel—For Department of Parks.
 J. Frank Quinn, No. 139 Bond street, Principal.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, } Sureties.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, }
 April 5. For furnishing and placing rubber tires on hose-wagons—For Fire Department.
 Consolidated Rubber Tire Company, No. 1784 Broadway, Principal.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, } Sureties.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, }
 April 6. For sewer in East One Hundred and Seventy-second street—For Department of Sewers.
 Albert W. Kaler, No. 243 Broadway, Principal.
 The United States Fidelity and Guaranty Company, No. 140 Broadway, } Sureties.
 The City Trust, Safe Deposit and Surety Company of Philadelphia, }

Official Designation.

Michael T. Daly, Deputy Comptroller, to act as Comptroller, from Monday, April 2, to Saturday, April 7, 1900, both days inclusive.
 Edgar J. Levey, Deputy Comptroller, to act as Comptroller on Wednesday, April 4, 1900.

Designation of Compensation.

Joseph G. Lang, Assistant Accountant, at the rate of \$1,200 per annum.
 Harry Leeds, Assistant Accountant, at the rate of \$1,200 per annum.
 Charles E. Dugan, Assistant Accountant, at the rate of \$1,200 per annum.
 Robert W. Irving, Assistant Accountant, at the rate of \$1,550 per annum.
 William J. Bird, Assistant Accountant, at the rate of \$1,200 per annum.
 George W. Lefebvre, Assistant Accountant, at the rate of \$1,200 per annum.
 Rufus G. Angell, Assistant Accountant, at the rate of \$1,200 per annum.

Robert W. May, Assistant Accountant, at the rate of \$1,200 per annum.
 J. F. Cunningham, Assistant Accountant, at the rate of \$1,200 per annum.
 Henry G. Schneider, Assistant Accountant, at the rate of \$1,200 per annum.
 Alexander H. Harris, Assistant Accountant, at the rate of \$1,200 per annum.
 Charles E. May, Assistant Accountant, at the rate of \$1,300 per annum.
 Edward W. O'Hara, Assistant Accountant, at the rate of \$1,200 per annum.
 James M. Rankin, Assistant Accountant, at the rate of \$1,400 per annum.
 Alfred W. Boonem, Assistant Accountant, at the rate of \$1,400 per annum.
 Frederic W. Shepard, Assistant Accountant, at the rate of \$1,400 per annum.
 Harold Clemens, Assistant Accountant, at the rate of \$2,000 per annum.
 Frederick A. Bishop, Assistant Accountant, at the rate of \$1,500 per annum.
 C. M. Raymond, Assistant Accountant, at the rate of \$1,400 per annum.
 Arnold Transoli, Assistant Accountant, at the rate of \$1,800 per annum.
 Valentine F. Keller, Assistant Accountant, at the rate of \$1,200 per annum.
 Jacob Manheimer, Assistant Accountant, at the rate of \$1,200 per annum.
 William E. McGee, Assistant Accountant, at the rate of \$1,200 per annum.
 John B. Hough, Recording Clerk, at the rate of \$1,750 per annum.
 Alexander H. Small, Mail Clerk, at the rate of \$1,350 per annum.

Transferred.

Edward S. Crenner, Clerk, from the Bureau of the Receiver of Taxes, Borough of Brooklyn, to the Comptroller's office, Borough of Manhattan.

Resigned.

W. W. Proctor, Compilation Clerk, in the Department of Finance, to take effect April 1, 1900.

M. T. DALY, Deputy Comptroller.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 207 Stewart Building, on Tuesday, April 24, 1900, at 11 o'clock A. M.

Present—Commissioners Ryan (President), Ten Eyck, Power and Windolph.
 The minutes of adjourned meeting of April 18, 1900, were read and approved.
 The Secretary presented a bill of Frank K. Bowers for furnishing Senate and Assembly bills, calendars, etc., of session of 1900, amounting to \$75.
 Commissioner Ten Eyck moved that the Secretary be directed to prepare a voucher for the payment of said bill.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The following communication was received from the Chief Engineer:

REPORT No. 167.

NEW YORK, April 24, 1900.

To the Honorable the Aqueduct Commissioners:

GENTLEMEN—I submit herewith a bill of Oscar E. Bates for furnishing tools and inspecting pipes, from September 2, 1899, to January 25, 1900, inclusive, at various foundries, amounting to \$472, and recommend the payment of the same.

Yours respectfully,

W. R. HILL, Chief Engineer.

Commissioner Ten Eyck moved that the Secretary be directed to prepare a voucher for the payment of said bill.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The following communication was also received from the Chief Engineer:

REPORT No. 168.

NEW YORK, April 24, 1900.

To the Honorable the Aqueduct Commissioners:

GENTLEMEN—In accordance with instructions given by your Honorable Board to my predecessor, Mr. Peley, I have received a proposition from Mr. Earle C. Bacon to furnish plans and specifications for an engine, hoisting apparatus, etc., at Shaft No. 25, for the sum of one thousand six hundred and fifty dollars (\$1,650).

Mr. Bacon is fully qualified to fulfill the contract, as he is an expert in that particular line. I believe that for the public interest the work should be assigned to him.

Yours respectfully,

W. R. HILL, Chief Engineer.

Commissioner Windolph moved that the Chief Engineer be authorized to have Mr. Bacon do the work above mentioned in accordance with the above report.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Secretary presented the resignation of Alfred Craven, Division Engineer, to take effect at the end of the present month.

Commissioner Power moved that the resignation of Alfred Craven, Division Engineer, be accepted, to take effect April 30, 1900.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The following communication was received:

LAW DEPARTMENT,
 OFFICE OF THE CORPORATION COUNSEL,
 NEW YORK, April 21, 1900.

To the Aqueduct Commissioners:

SIR—I am in receipt of a communication from your Secretary, under date of April 4, 1900, stating that on February 20, 1900, your Chief Engineer reported to you that there were more persons employed on the Jerome Park Reservoir than were required, and that at a meeting held by you on said date a resolution was adopted discharging, among others, Andrew J. Sparrow, Superintendent of Dam Construction.

He also incloses two affidavits made by Josiah L. Brown and James Lemon, and requests me to advise you "whether such proof is valid and sufficient proof of service and of his (Sparrow's) honorable discharge as such volunteer fireman."

The phraseology used in section 21 of the White Civil Service Law is "who shall have served the term required by law in the volunteer fire department of any city, town or village in the State, or who shall have been a member thereof at the time of disbandment of said volunteer fire department."

The time "required by law" for the purposes of securing the benefits of the so-called Veteran and Civil Service Acts does not seem to be anywhere defined, although the Court in *People ex rel. O'Brien vs. Porter*, 90 Hun, 401, 403, held that "the time required by law is five years." That statement was predicated on the language of chapter 188 of the Laws of 1848, which provides that any volunteer fireman who shall have served as such for five years shall be exempt from jury and militia duty. A somewhat similar provision is contained in Revised Statutes (Birdseye's 2d Ed.), Vol. III, p. 3444, section 61, as follows:

"Every member of the fire department, while such member, shall be exempt from serving in the militia, * * * and every person who shall serve in such fire department five successive years shall thereafter be entitled to the like exemption from military service; that a certificate of such service, authenticated by the president of the village of the corporate seal, shall be presumptive evidence before all courts and officers, civil and military, of such exemption."

The Village Law (section 209 of chapter 414 of the Laws of 1897) expressly states that "a full term of service in a fire department is five successive years."

This latter law, it is true, was passed subsequent to the time when Sparrow is alleged to have served his term as a member of the Poughkeepsie Fire Department, but, in view of the previous legislation on the subject and the adjudication in *People ex rel. O'Brien vs. Porter*, supra, it is quite possible that the courts would hold that the Village Law was merely declaratory of the existing statutes on the subject.

If you feel so disposed, I advise you that you have the power to reinstate Mr. Sparrow.

Respectfully yours,

JOHN WHALEN, Corporation Counsel.

Which was ordered spread on the minutes and filed by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Commissioners had under consideration a letter received from the American Surety Company, dated April 16, 1900, transmitting assignment (in triplicate) made by Kelly & Kelley, contractors for building overflow and blow-off sewers, etc., in connection with the Jerome Park Reservoir, to the American Surety Company, of retained percentages to the extent of \$1,500, and requesting the approval of the Aqueduct Commissioners to such assignment, which communication was laid over at the previous meeting.

Which was referred to the Committee of Finance and Audit by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Comptroller, under date of March 31, 1900, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners during the month ending March 31, 1900, as follows:

New Croton Reservoir.....	\$547 50
Reservoir "M".....	8 25
Reservoir "I".....	4,300 00
Double Reservoir "I".....	993 95
Reservoir "D".....	108 00
Cornell Dam.....	7,302 85
Highway System Proceeding.....	347 50
Total.....	\$13,608 05

—leaving a balance to the credit of the "Additional Water Fund" of \$1,450,390.81.

Which was ordered entered upon the books of the Commissioners and filed by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

Commissioner Power moved that John McKeon, who was discharged on February 21, 1900, be reinstated to his former position of Laborer at the same compensation heretofore paid him, viz. \$2 per day.

Which was carried by the following vote:

Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

BOARD OF ARMORY COMMISSIONERS.

New York, May 7, 1900.

A meeting of the Armory Board was held this day, at 11 o'clock A. M., at the office of the Mayor.

Present—The Mayor, the President of the Department of Taxes and Assessments, the Commissioner of Public Buildings, Lighting and Supplies, Brigadier-General James McLeer and Brigadier-General McCoskey Butt.

The minutes of the meeting held April 30, 1900, were read and adopted by the following vote:

Ayes—The Mayor, the President of the Department of Taxes and Assessments, the Commissioner of Public Buildings, Lighting and Supplies, Brigadier-General James McLeer and Brigadier-General McCoskey Butt.

The President of the Department of Taxes and Assessments presented a tabulated report of bids received at the previous meeting, for furnishing material and work for the improvement and alteration in the roof of the Twelfth Regiment armory building, Borough of Manhattan, and offered the following:

Resolved, That the bid of William R. King, of No. 477 East Twenty-third street, for an alteration and improvement to the roof of the Twelfth Regiment armory, amounting to the sum of six thousand nine hundred and fifty dollars (\$6,950), be accepted as being the lowest bid for said work, and that the same be submitted to the Commissioners of the Sinking Fund for their concurrence, and to the Comptroller for his approval of the sureties thereon, and when so approved, the Chairman of this Board be authorized to execute the contract on behalf of this Board.

Which was adopted by the following vote:

Ayes—The Mayor, the President of the Department of Taxes and Assessments, the Commissioner of Public Buildings, Lighting and Supplies, Brigadier-General James McLeer and Brigadier-General McCoskey Butt.

A communication was received from Messrs. Hogan & Slattery, Architects, enclosing a proposal from Charles Hart, contractor, to install electric-light wires and connection from the Edison main to the new tile-range on Fourteenth street side of the Fourteenth Regiment armory, with the statement that the amount, two hundred and fifty dollars (\$250), was reasonable, and recommending that the work be done. The President of the Department of Taxes and Assessments offered the following:

Resolved, That Charles Hart, contractor for the alteration and improvement to the tile-range in the Fourteenth Regiment armory, in the Borough of Brooklyn, be authorized to install the electric-light wires and connections from the Edison main to connect with the new tile-range on Fourteenth street side of armory, at a cost not to exceed two hundred and fifty dollars (\$250), the work to be done under the direction and approval of the Armory Board.

Which was adopted by the following vote:

Ayes—The Mayor, the President of the Department of Taxes and Assessments, the Commissioner of Public Buildings, Lighting and Supplies, Brigadier-General James McLeer and Brigadier-General McCoskey Butt.

A motion to adjourn was adopted by the following vote:

Ayes—The Mayor, the President of the Department of Taxes and Assessments, the Commissioner of Public Buildings, Lighting and Supplies, Brigadier-General James McLeer and Brigadier-General McCoskey Butt.

THOMAS L. FEITNER, Secretary.

DEPARTMENT OF PUBLIC CHARITIES.

BOROUGH OF RICHMOND.

REPORT OF TRANSACTIONS FOR THE WEEK ENDING MAY 8, 1900.

DEPARTMENT OF PUBLIC CHARITIES—BOROUGH OF RICHMOND.
COMMISSIONER'S OFFICE, STAPLETON,
NEW YORK, May 9, 1900.

Report of the Superintendent of Almshouse, labor, census, Hospital, etc., and report of the Superintendent of Out-door Poor, approved and placed on file.

Approved weekly requisitions for Almshouse.

May 3, 1900.

Approved bill of Robert G. Shaw Post No. 112, G. A. R., donations to veterans,.... \$10 00

Transmitted building plans in duplicate to the State Board of Charities.

The following is the report for the week ending May 8, 1900:

Dependent child discharged.....	1
Committed to Almshouse.....	5
Discharged from Almshouse.....	2
Died at Almshouse.....	1
Burial permits.....	3
Ambulance calls.....	10
Bodies received at Morgue.....	5
Bodies identified at Morgue.....	2
Body interred in Pottery Field, identified.....	1
Bodies transferred to relatives or friends.....	2
Orders for abandonment warrants.....	3

JAMES FEENEY, Commissioner.

DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES.

CITY OF NEW YORK,
DEPARTMENT OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES,
COMMISSIONER'S OFFICE, No. 21 PARK ROW,
April 20, 1900.

In accordance with section 1546, chapter 378, Laws of 1897, the Department of Public Buildings, Lighting and Supplies makes the following report of its transactions for the week ending April 14, 1900:

PUBLIC LAMPS.

During the week 11 new lamps were erected and 11 lighted; 4 lamps were relighted and 24 discontinued; 13 lamp-posts were removed.

ELECTRICAL WIRING, INSPECTIONS, ETC.

223 certificates were issued for interior wiring; 150 permits were issued for outside electrical work, 995 inspections were made and 2,591 feet of overhead wires were removed.

REQUISITIONS ON COMPTROLLER.

The total amount of requisitions drawn on the Comptroller by this Department during the week is \$293,305.29.

HENRY S. KEARNEY, Commissioner.

BOARD OF PUBLIC IMPROVEMENTS.

BOARD OF PUBLIC IMPROVEMENTS,
CITY OF NEW YORK,
No. 21 PARK ROW,
BOROUGH OF MANHATTAN,
NEW YORK, May 9, 1899.

Supervisor of the City Record:
DEAR SIR—I hereby notify you of the following, viz.:

Resignation.
Timothy H. Bruce, Chairman in Topographical Bureau, to take effect May 8.

Very respectfully,
JOHN H. MOONEY,
Secretary.

DEPARTMENT OF PARKS.

THE CITY OF NEW YORK,
DEPARTMENT OF PARKS,
OFFICE OF COMMISSIONER FOR THE
BOROUGH OF THE BRONX,
ZIMMERMAN MANSION, CLARKSON PARK,
May 9, 1900.

Supervisor of the City Record:

DEAR SIR—Pursuant to section 1591, chapter 378, Laws of 1897, I hereby notify you, for publication in the City Record, that I have fixed the compensation of Theodore T. Gannon, Foreman, at \$125 per month, to take effect from May 1.

Respectfully yours,
AUGUST MOEBUS,
Commissioner of Parks, Borough of The Bronx.

AQUEDUCT COMMISSION.

AQUEDUCT COMMISSIONERS' OFFICE,
STEWART BUILDING, No. 350 BROADWAY,
NEW YORK, May 9, 1900.

Supervisor of the City Record:

DEAR SIR—At a meeting of the Aqueduct Commissioners, held on the 8th instant, the following changes were made:

Frederick W. Watkins, Assistant Engineer, resigned, to take effect May 15, 1900.

Daniel Ulrich, appointed Division Engineer, at a salary of \$4,000 per annum, to take effect May 15, 1900.

Frederick W. Watkins, appointed Division Engineer, at a salary of \$4,000 per annum, to take effect May 16, 1900.

Respectfully,
HARRY W. WALKER,
Secretary.

MUNICIPAL ASSEMBLY.

CITY OF NEW YORK,
OFFICE OF THE CLERK OF THE BOARD
OF ALDERMEN,
May 9, 1900.

To whom it may concern:

There will be a public hearing before the Committee on Law of the Board of Aldermen, in the Aldermanic Chamber, City Hall, Manhattan, on Friday, May 11, 1900, at 2 o'clock P. M., to consider the amending of License Ordinance in regard to storage signs on trucks.

MICHAEL F. BLAKE, Clerk.

THE CITY OF NEW YORK,
OFFICE OF THE CITY CLERK,
CITY HALL,
NEW YORK, April 27, 1900.

To whom it may concern:

There will be an adjourned public hearing before the Committee on Finance of the Council on Friday, May 11, 1900, in the Council Chamber, City Hall, at 2 o'clock P. M., on proposed ordinances relative to the regulation of hacks, hackstands, hack fares, etc.

NICHOLAS J. HAYES,
First Deputy and Acting 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 offices are kept and such Courts are held; together with the heads 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.
ALFRED M. DOWNS, Private Secretary.

Bureau of Licenses,
9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

DAVID J. ROCHS, Chief of Bureau.
Principal Office, Room 1, City Hall. GEORGE W. BROWN, Jr., Deputy Chief in Boroughs of Manhattan and The Bronx.

Branch Office, Room 12, Borough Hall, Brooklyn; WILLIAM H. JORDAN, Deputy Chief in Borough of Brooklyn.

Branch Office, "Richmond Building," New Brighton, S. L.; WILLIAM H. McLEER, Deputy Chief in Borough of Richmond.

Branch Office, "Hackers Building," Long Island City; PETER FLANAGAN, Deputy Chief in Borough of Queens.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery and Blank Books,
No. 2 City Hall, 9 A. M. to 4 P. M., Saturday, 9 A. M. to 12 M.

WILLIAM A. BUTLER, Supervisor; SOLIM BUCKLEY, Deputy Supervisor; THOMAS C. COWELL, Deputy Supervisor and Accountant.

COMMISSIONERS OF THE SINKING FUND.

The Mayor, Chairman; RICHARD S. COLE, Comptroller; PAVLICE KERRAN, Comptroller; RAYMOND L. LINDENBAUM, President of the Council; and ROBERT M. CHAMBERLAIN, Finance Committee, Board of Aldermen, Members. RICHARD S. COLE, Secretary.
Office of Secretary, Room No. 11, Stewart Building.

BOARD OF ESTIMATE AND APPOINTMENT.

The Mayor, Chairman; THOMAS L. FEITNER, President, Department of Taxes and Assessments, Secretary; the COMPTROLLER, President of the Council, and the CORPORATION CLERK, Members; CHARLES V. ADAMS, Clerk.

Office of Clerk, Department of Taxes and Assessments, Room 16, Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 10 A. M.

BOARD OF ARMY COMMISSIONERS.

The Mayor, Chairman; RICHARD S. COLE, Chairman; The President of the DEPARTMENT OF TAXES AND ASSESSMENTS, THOMAS L. FEITNER, Secretary; The COMMISSIONER OF PUBLIC BUILDINGS, LIGHTING AND SUPPLIES, HENRY S. KEARNEY; Brigadier-General JAMES McLEER, and Brigadier-General McCoskey Butt, Commissioners.

Address: THOMAS L. FEITNER, Secretary, Stewart Building.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

MUNICIPAL ASSEMBLY.

The Council.

RANDOLPH DEWEES, President of the Council; P. J. SCHMIDT, City Clerk.

Clerk's office open from 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.

BOARD OF ALDERMEN.

THOMAS E. WARD, President.

MICHAEL F. BLAKE, Clerk.

BOROUGH PRESIDENTS.

Borough of Manhattan.

Office of the President of the Borough of Manhattan, Nos. 10, 11 and 12 City Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

JAMES J. COUGHLIN, President.

THE EDGAR STUART, Secretary.

Borough of The Bronx.

Office of the President of the Borough of The Bronx, corner Third Avenue and One Hundred and Seventy-seventh street. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

LOUIS F. HAYES, President.

Borough of Brooklyn.

President's Office, No. 11 Borough Hall. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

EDWARD M. GUNN, President.

Borough of Queens.

Frederick B. BROWN, President.

Office, Long Island City, 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. until 12 M.

Borough of Richmond.

GARRETT CROWLEY, President.

Office of the President, City National Bank Building, New Brighton. 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMISSIONERS OF ACCOUNTS.

Rooms 112 and 113 Stewart Building, 9 A. M. to 4 P. M.

JOHN C. HARTLEY and EDWARD OWEN, Commissioners.

PUBLIC ADMINISTRATOR.

No. 125 Nassau street, 9 A. M. to 4 P. M.

WILLIAM M. HINES, Public Administrator.

PUBLIC ADMINISTRATOR, KINGS COUNTY.

No. 115 Montague street, Brooklyn, 9 A. M. to 4 P. M., except Saturdays in June, July and August, 9 A. M. to 1 P. M.

Wm. R. DAYKIN, Public Administrator.

AQUEDUCT COMMISSIONERS.

Room 507 Stewart Building, 1st floor, 9 A. M. to 4 P. M.

JOHN J. RYAN, MAURICE J. FORTIN, WILLIAM H. TEN EYCK, JOHN P. WOODWARD and THE MAYOR and COMPTROLLER, Commissioners; HARRY W. WALKER, Secretary; WILLIAM E. HILL, Chief Engineer.

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

RICHARD S. COLE, Comptroller.

MICHAEL T. DOLY, RICHARD J. LAYNE, Deputy Comptrollers.

Auditing Bureau.

JOHN P. QUINN, Auditor of Accounts.

F. L. M. J. HAYES, Auditor of Accounts.

J. B. BROWN, Auditor of Accounts.

ALFRED M. DOWNS, Auditor of Accounts.

WILLIAM M. HINES, Auditor of Accounts.

DAVID J. ROCHS, Auditor of Accounts.

EDWARD M. GUNN, Auditor of Accounts.

WILLIAM H. JORDAN, Auditor of Accounts.

WILLIAM H. McLEER, Auditor of Accounts.

JOHN C. HARTLEY, Auditor of Accounts.

JOHN D. McLEER, Auditor of Accounts.

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JOHN D. McLEER, Auditor of Accounts.

Bureau of the City Chamberlain.

PATRICK KENNEDY, City Chamberlain.
JOHN H. CAMPBELL, Deputy Chamberlain.
Office of the City Chamberlain.
No. 13 Chambers street and No. 63 Reade street.
JOHN H. CAMPBELL, City Chamberlain.

BOARD OF PUBLIC IMPROVEMENTS.

Nov. 13 to 21 Park Row, 1315. Room 9, A. M. to 4 P. M.
Saturdays, 9 A. M. to 12 P. M.
MAURICE F. HOLAHAN, President.
JOHN H. CAMPBELL, Secretary.

Department of Highways.

Nov. 13 to 21 Park Row, 9 A. M. to 4 P. M.
JOHN F. KATON, Commissioner of Highways.
WILLIAM N. SHANNON, Deputy for Manhattan.
THOMAS S. FARRELL, Deputy for Brooklyn.
JOHN H. CAMPBELL, Deputy for Queens.
JOHN F. CAMPBELL, Deputy for Richmond.
JOHN F. CAMPBELL, Deputy for Richmond.
JOHN F. CAMPBELL, Deputy for Richmond.

Department of Sewers.

Nov. 13 to 21 Park Row, 9 A. M. to 4 P. M.
JAMES KANE, Commissioner of Sewers.
MATTHEW F. DONOHUE, Deputy for Manhattan.
THOMAS J. BROWN, Deputy for Bronx.
WILLIAM N. SHANNON, Deputy for Brooklyn.
JOHN F. CAMPBELL, Deputy for Queens.
JOHN F. CAMPBELL, Deputy for Richmond.
JOHN F. CAMPBELL, Deputy for Richmond.

Department of Bridges.

Nov. 13 to 21 Park Row, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 P. M.
JOHN L. BROWN, Commissioner.
THOMAS H. VONN, Deputy.
SAMUEL B. FORD, Chief Engineer.
MATTHEW F. DONOHUE, Deputy for Bronx.
HARRY BROWN, Deputy for Brooklyn.
JOHN L. BROWN, Deputy for Queens.

Department of Water Supply.

Nov. 13 to 21 Park Row, 9 A. M. to 4 P. M.
WILLIAM DALTON, Commissioner of Water Supply.
JAMES H. BROWN, Deputy Commissioner, Borough of Manhattan.
JOHN W. BROWN, Deputy Commissioner, Borough of Brooklyn.
JAMES H. BROWN, Deputy Commissioner, Borough of Queens.
JAMES H. BROWN, Deputy Commissioner, Borough of Richmond.
JAMES H. BROWN, Deputy Commissioner, Borough of Richmond.

Department of Street Cleaning.

Nov. 13 to 21 Park Row, 9 A. M. to 4 P. M.
FREDERICK L. NICHOLS, Commissioner.
F. M. GIBSON, Deputy Commissioner for Borough of Manhattan.
PATRICK H. QUINN, Deputy Commissioner for Borough of Brooklyn, Room 13 Municipal Building.
JOHN L. BROWN, Deputy Commissioner for Borough of Queens, No. 63 East One Hundred and Fifty-second street.
JOHN L. BROWN, Deputy Commissioner for Borough of Richmond, Municipal Building, Long Island City.

Department of Buildings, Lighting and Supplies.

Nov. 13 to 21 Park Row, 9 A. M. to 4 P. M.
HARRY S. KRAVITZ, Commissioner of Public Buildings, Lighting and Supplies.
PATRICK J. BROWN, Deputy Commissioner for Manhattan.
GEO. L. BRY, Deputy Commissioner for The Bronx.
JAMES J. KIRKIN, Deputy Commissioner for Brooklyn.
JOHN F. CAMPBELL, Deputy Commissioner for Queens.
EDWARD I. MILLER, Deputy Commissioner for Richmond.

LAW DEPARTMENT.**Office of Corporation Counsel.**

State-Zeigler Building, 31 and 41st floors, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 P. M.
JOHN WHALEY, Corporation Counsel.
THOMAS CONNOLLY, W. W. LAUD, Jr., CHARLES BRADY, GEORGE HILL, Assistant Corporation Counsel for Brooklyn.
WILLIAM J. CAMP, Assistant Corporation Counsel for Brooklyn.

Bureau for Collection of Arrears of Personal Taxes.
Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.
JAMES C. SPENCER, Assistant Corporation Counsel.

Bureau for the Recovery of Penalties.

Nov. 13 to 21 Nassau street.
ARTHUR T. KIRKIN, Assistant Corporation Counsel.

Bureau of Street Openings.

Nov. 13 to 21 West Broadway.
JOHN P. DUNN, Assistant to Corporation Counsel.

POLICE DEPARTMENT.**Central Office.**

No. 110 Mulberry street, 9 A. M. to 4 P. M.
BERNARD J. VONN, President of the Board; JOHN B. BENTON, JACOB HARR, HENRY E. ARNOLD, Commissioners.

Bureau of Marine.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 P. M.
General Bureau of Marine, Borough of Manhattan—No. 110 Mulberry street, 1st floor, Superintendent: WILLIAM J. CAMP, Chief Clerk.
Branch Bureau, Borough of Brooklyn—No. 15 Smith street, GEORGE RUSSELL, Chief; JOHN K. NEAL, Chief Clerk.
Branch Bureau, Borough of The Bronx—One Hundred and Thirty-eighth street and Mott avenue. Commissioner: A. H. CAMPBELL, Jr., Chief.
Branch Bureau, Borough of Queens—Police Station, Astoria. JAMES R. KENNEDY, Chief.
Branch Bureau, Borough of Richmond—Borough Island Savings Bank Building, Stapleton, S. I. CHARLES A. JONES, Chief.

DEPARTMENT OF PUBLIC CHARITIES.**Central Office.**

First of East Twenty-ninth street, 9 A. M. to 4 P. M.
JOHN W. KATON, President of the Board; Commissioners for Manhattan and Bronx.
THOMAS S. FARRELL, Deputy Commissioner.
ABRAHAM SHAW, Jr., Commissioner for Brooklyn and Queens, Nov. 13 to 21 Livingstone street, Brooklyn.
EDWARD GILBERT, Deputy Commissioner.
JAMES FORD, Commissioner for Richmond.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairing and Supplies, Bills and Accounts, 9 A. M. to 4 P. M., Saturdays, 12 P. M.
Out-door Poor Department. Office hours, 1:30 A. M. to 4 P. M.
Department for Care of Destitute Children, No. 66 Third avenue, 9:30 A. M. to 4:30 P. M.

DEPARTMENT OF CORRECTION.**Central Office.**

No. 148 East Twentieth street. Office hours from 9 A. M. to 4 P. M.; Saturdays to 12 P. M.
FRANCIS J. LATTY, Commissioner.
N. O. FARMING, Deputy Commissioner.
JOHN MORRISSEY GRAY, Deputy Commissioner for Boroughs of Brooklyn and Queens.

FIRE DEPARTMENT.

Office hours for all, except where otherwise noted, from 9 A. M. to 4 P. M.; Saturdays, 12 P. M.

Headquarters.

Nov. 13 to 21 East Sixty-seventh street.
JOHN J. SCARRELL, Fire Commissioner.
JAMES H. TILLY, Deputy Commissioner, Boroughs of Brooklyn and Queens.
ARTHUR T. KIRKIN, Secretary.
EDWARD F. CAMPBELL, Chief of Department, and in Charge of Fire-alarm Telegraph.
JAMES H. TILLY, Deputy Chief, in Charge of Boroughs of Brooklyn and Queens.
GEORGE E. MURPHY, Inspector of Combustibles.
PERCEP BERRY, Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond.
ALONZO BRYMAN, Fire Marshal, Boroughs of Brooklyn and Queens.
Central Office open at all hours.
Committee on Explosive persons who handle explosives meets Thursday of each week, at 2 o'clock P. M.

DEPARTMENT OF DOCKS AND FERRIES.**Per "A," N. R., Battery place.**

J. SEYMOUR CAMP, President; CHARLES F. MURPHY, Treasurer; PERCEP BERRY, Commissioner.
WILLIAM H. BROWN, Secretary.
Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 P. M.

DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, 9 A. M. to 4 P. M.
Bureau of Preventive and Contagious Diseases Offices always open.
MICHAEL C. MURPHY, President, and WILLIAM T. JENNINGS, M. D., JOHN B. CAMP, M. D., THE PRESIDENTS OF THE PUBLIC BOARD, SANITARY AND THE HEALTH OFFICES OF THE PORT, ex-officio, Commissioners.
CARLOS GOLDBERG, Secretary pro tem.
CHARLES F. ROBERTS, M. D., Sanitary Superintendent.
FREDERICK H. DILLINGHAM, M. D., Assistant Sanitary Superintendent, Borough of Manhattan.
EDWARD MONAHAN, M. D., Assistant Sanitary Superintendent, Borough of The Bronx.
ROBERT A. BLACK, M. D., Assistant Sanitary Superintendent, Borough of Brooklyn.
JOHN L. LOSE, M. D., Assistant Sanitary Superintendent, Borough of Queens.
JOHN L. FRYER, M. D., Assistant Sanitary Superintendent, Borough of Richmond.

DEPARTMENT OF PARKS.

GEORGE C. CLARK, President, Park Board, Commissioner in Manhattan and Richmond.
WILLIAM HOLLY, Secretary, Park Board.
Offices, Avenue, Central Park.
GEORGE V. BROWN, Commissioner in Brooklyn and Queens.
Offices, City Hall, Brooklyn, and Lincoln Museum, Prospect Park.
ALFRED ALBION, Commissioner in Borough of The Bronx.
Offices, Throgs Neck, Mott Park, Claremont Park.
Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 P. M.

Act Commissioners.

SAMUEL P. AVERY, DANIEL C. FRENCH, Commissioners.

DEPARTMENT OF BUILDINGS.

Main Office, No. 200 Fourth avenue, Borough of Manhattan. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 P. M.
THOMAS J. BROWN, President of the Board of Buildings and Commissioner for the Boroughs of Manhattan and The Bronx.
JOHN GILLESPIE, Commissioner for the Borough of Brooklyn.
DOUGLAS CAMPBELL, Commissioner for the Boroughs of Queens and Richmond.
Office of the Department for the Boroughs of Manhattan and The Bronx, No. 200 Fourth avenue, Borough of Manhattan.
Office of the Department for the Borough of Brooklyn, Borough Hall, Borough of Brooklyn.
Office of the Department for the Boroughs of Queens and Richmond, Richmond Hall, New Brighton, Staten Island, Borough of Richmond. Branch office, Room 1, second floor, Town Hall, Jamaica, Long Island, Borough of Queens.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Sewar Building, 9 A. M. to 4 P. M.; Saturdays, 12 P. M.
THOMAS L. FREYER, President of the Board; EDWARD C. SHERRY, ARTHUR C. SALMON, THOMAS J. PATTERSON, FREDERICK LEVY, Commissioners; HENRY BERLINGER, Chief Clerk.

BUREAU OF MUNICIPAL STATISTICS.

Nov. 13 to 21 Park Row, Room 1311. Office hours from 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. to 12 P. M.

JOHN T. NAGLE, M. D., Chief of Bureau.
Municipal Statistical Commission: FREDERICK W. GAULT, L. D., ANTONIO RABINER, WILLIAM T. WILSON, JR., EDWARD HARRIS, J. EDWARD JEFFREY, THOMAS GILLESPIE.

MUNICIPAL CIVIL SERVICE COMMISSION.

Criminal Court Building, Centre street, between Franklin and White streets, 9 A. M. to 4 P. M.
CHARLES H. KNOX, President, ALFRED T. MARCO and WILLIAM N. DYER, Commissioners.
LEE PHILLIPS, Secretary.

BOARD OF ASSESSORS.

Office, No. 301 Broadway, 9 A. M. to 4 P. M.
EDWARD McCUE, President, EDWARD CAMPBELL, THOMAS A. WILSON, PATRICK M. HARRIS and JOHN B. MURPHY, Board of Assessors. Secretary: H. J. JAMES, Secretary. THOMAS J. SHILLER, Chief Clerk.

DEPARTMENT OF EDUCATION.**Board of Education.**

Park avenue and Fifty-ninth street, Borough of Manhattan, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 P. M.
JOSEPH J. LUTTREY, President; A. EMMERSON PALMER, Secretary.
School Board for the Boroughs of Manhattan and The Bronx.
Park avenue and Fifty-ninth street, Borough of Manhattan.
JOSEPH J. LUTTREY, President; WILLIAM J. ELLIS, Secretary.
School Board for the Borough of Brooklyn.
No. 131 Livingstone street, Brooklyn. Office hours, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 P. M.
CHARLES E. ROBERTSON, President; GEORGE G. BROWN, Secretary.

School Board for the Borough of Queens.

Flushing, Long Island.
PATRICK J. WHITE, President; JOSEPH H. FINE, PATRICK, Secretary.
School Board for the Borough of Richmond.
Savings Bank Building, Stapleton, Staten Island.
WILLIAM J. COLE, President; FRANKLIN G. VERT, Secretary.

SHERIFF'S OFFICE.

Bureau Building, 9 A. M. to 4 P. M.
WILLIAM F. GIBBS, Sheriff; HENRY P. MURPHY, Under Sheriff.

SHERIFF'S OFFICE, KINGS COUNTY.

County Court-house, Brooklyn.
WILLIAM WALTON, Sheriff; JAMES DUNN, Under Sheriff.
9 A. M. to 4 P. M.; Saturdays, 12 P. M.

SHERIFF'S OFFICE, QUEENS COUNTY.

County Court-house, Long Island City, 9 A. M. to 4 P. M.
WILLIAM CAR BAKER, Sheriff; WILLIAM MURPHY, Under Sheriff.

SHERIFF'S OFFICE, RICHMOND COUNTY.

County Court-house, Richmond, S. I., 9 A. M. to 4 P. M.
AUGUSTUS ACKER, Sheriff.

REGISTER'S OFFICE.

East side City Hall Park. Office hours from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 P. M. During the months of July and August the hours are from 9 A. M. to 3 P. M.
ISAAC FROMMER, Register; JOHN VAN GLAN, Deputy Register.

REGISTER, KINGS COUNTY.

Hall of Records. Office hours, 9 A. M. to 4 P. M., excepting months of July and August, then from 9 A. M. to 3 P. M., provided for by statute.
JAMES R. HOWE, Register.
WARREN C. TROVATI, Deputy Register.

COMMISSIONER OF JURORS.

Room 107 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
CHARLES WHITE, Commissioner; JAMES E. CONNOR, Deputy Commissioner.

SPECIAL COMMISSIONER OF JURORS.

No. 111 Fifth avenue, 9 A. M. to 4 P. M.
H. W. CAMP, Commissioner.
FREDERICK J. BRIDSON, Assistant Commissioner.

COMMISSIONER OF JURORS, KINGS COUNTY.

2 Court-house.
WILLIAM A. FERRY, Commissioner.

SPECIAL COMMISSIONER OF JURORS, KINGS COUNTY.

No. 275 Fulton street.
EDWARD J. DOUGLAS, Commissioner.

COMMISSIONER OF JURORS, QUEENS COUNTY.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 P. M.
EDWARD J. KRAVITZ, Commissioner.
ELI HOPKINS MOORE, Assistant Commissioner.

COMMISSIONER OF JURORS, RICHMOND COUNTY.

CHARLES J. KULLMAN, Commissioner.
WILLIAM J. DOWLING, Deputy Commissioner.
Office open from 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. to 12 P. M.

NEW YORK COUNTY JAIL.

No. 70 Ludlow street, 9 A. M. to 10 P. M., daily.
WILLIAM F. GIBBS, Sheriff.
PATRICK H. PICKETT, Warden.

KINGS COUNTY JAIL.

Raymond street, between Wiloughby street and DeKalb avenue, Brooklyn, New York.
WILLIAM WALTON, Sheriff; RICHARD BROWN, Warden.

COUNTY CLERK'S OFFICE.

Nos. 8, 9, 10 and 11 New County Court-house, 9 A. M. to 4 P. M.
WILLIAM SCHMIDT, County Clerk.
GEORGE H. FARRACH, Deputy.

KINGS COUNTY CLERK'S OFFICE.

Hall of Records, Brooklyn, 9 A. M. to 4 P. M.
PATRICK F. HUGGINS, County Clerk.

QUEENS COUNTY CLERK'S OFFICE.

Jamaica, N. Y., Fourth Ward, Borough of Queens.
Office hours, April 1 to October 1, 9 A. M. to 5 P. M.; October 1 to April 1, 9 A. M. to 2 P. M.; Saturdays, 10 P. M.
County and Supreme Court held at the Queens County Court-house, Long Island City. Court opens 10 A. M. to adjourn 5 P. M.
JOHN H. BROWN, County Clerk.
CHARLES DOWLING, Deputy County Clerk.

RICHMOND COUNTY CLERK'S OFFICE.

County Office Building, Richmond, S. I., 9 A. M. to 4 P. M.
EDWARD M. MILLER, County Clerk.
CHARLES M. COOPER, Deputy County Clerk.

NEW EAST RIVER BRIDGE COMMISSION.

Commissioners' Office, No. 351 Broadway, Borough of Manhattan, New York, 9 A. M. to 4 P. M.
LEWIS NIXON, President; JAMES W. BOYLE, Vice President; JAMES D. BELL, Secretary; JULIAN D. FAIRCHILD, Treasurer; JOHN W. WELSH, SETH E. LANE and THE MAYOR, Commissioners.
Chief Engineer's Office, No. 84 Broadway, Brooklyn, E. D., 9 A. M. to 5 P. M.

DISTRICT ATTORNEY.

New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.
ALAN RICH GARDNER, District Attorney; WILLIAM J. McKENNA, Chief Law Clerk.

KINGS COUNTY DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn House, 9 A. M. to 5 P. M.
JOHN F. CLARK, District Attorney.

QUEENS COUNTY DISTRICT ATTORNEY.

Office, Queens County Court-house, Long Island City, 9 A. M. to 5 P. M.
JOHN B. MURPHY, District Attorney.
CLARENCE A. DEER, Chief Clerk.

RICHMOND COUNTY DISTRICT ATTORNEY.

Post Richmond, S. I.
EDWARD S. RAWSON, District Attorney.

CORONERS.

Borough of Manhattan.
Office, New Criminal Court Building. Open at all times of day and night.
EDWARD L. FITZPATRICK, JACOB E. BROWN, EDWARD W. HART, ANTONIO ZUGA.
Borough of The Bronx.
No. 264 East One Hundred and Sixty-sixth street. Open from 9 A. M. to 12, midnight.
ANTHONY MURPHY, THOMAS M. LYON.

Borough of Brooklyn.

Office, Room 12, Borough Hall. Open all times of day and night, except between the hours of 10 P. M. and 2 P. M., on Sundays and holidays.
ANTHONY J. BROWN, GEORGE W. DELAP.

Borough of Queens.

Office, Borough Hall, Fulton street, Jamaica, L. I.
PHILIP T. COONEY, LEONARD RUFFY, JR., and SAMUEL S. GOV. JR.
CHARLES J. SCHILLER, Clerk.

Borough of Richmond.

No. 64 New York avenue, Richmond.
Open for the transaction of business all hours of the day and night.
JOHN STARRS, GEORGE C. TRANTER.

CHANGE OF GRADE DAMAGE COMMISSION.

Room 28, Schermerhorn Building, No. 95 Broadway, Manhattan. Mondays, Wednesdays and Fridays, 9 A. M. to 4 P. M.
WILLIAM E. STEINBOCK, Chairman; CHARLES A. JACOBSON, OSCAR S. GALEY, Commissioners.
LARRY McLEOD, Clerk.

SURROGATES' COURT.

New County Court-house. Court open from 9 A. M. to 4 P. M., except Saturdays, when it closes at 3 P. M.
FRANK T. BETHUNGA, ALICE C. THOMAS, Surrogates; WILLIAM V. LEAHY, Chief Clerk.

CITY MAGISTRATES' COURTS.

Courts open from 9 A. M. until 4 P. M.
City Magistrates—HENRY A. BRANN, ROBERT C. CONNELL, LEONARD RUFFY, JACOB M. DEER, CHARLES A. FLEMING, LOUIS ZELIGER, CLARENCE W. MEADE, JOHN O. MOTT, JAMES POOL, JOHN B. MALO, EDWARD HOGAN, WILLIAM H. OLIVER.
First District—Central Criminal Court Building.
Second District—Jefferson Market.
Third District—No. 60 Essex street.
Fourth District—Fifty-seventh street, near Lexington avenue.
Fifth District—One Hundred and Twenty-first street, northwestern corner of Sylvan place.
Sixth District—One Hundred and Fifty-eighth street and Third avenue.
Seventh District—Fifty-fourth street, west of Eighth avenue.
Second Division, Borough of Brooklyn.
First District—No. 128 Adams street. JACOB BARNES, Magistrate.
Second District—Court and Butler streets. HENRY BROWN, Magistrate.
Third District—Myrtle and Vanderhill avenues. CHARLES E. TRALE, Magistrate.
Fourth District—Nos. 6 and 8 Lee avenue. WILLIAM KASOW, Magistrate.
Fifth District—8th and Powers streets. ANDREW LEON, Magistrate.
Sixth District—Carter and Reid avenues. LEWIS R. WILSON, Magistrate.
Seventh District—No. 21 Grant street, Flatbush. ALFRED E. STONE, Magistrate.
Eighth District—Coney Island—ALBERT VAN BRUNT VANHORN, Jr., Magistrate.

Borough of Queens.

First District—Nos. 31 and 33 Jackson avenue, Long Island City. MATTHEW J. SMITH, Magistrate.
Second District—Flushing, Long Island. LUKAS J. CONNOR, Magistrate.
Third District—Far Rockaway, Long Island. EDWARD J. HEALY, Magistrate.

Borough of Richmond.

First District—New Brighton, Staten Island. JOHN GRAY, Magistrate.
Second District—Stapleton, Staten Island. NATHANIEL MARSH, Magistrate.
Secretary to the Board, JAMES J. CHAMBERS, Myrtle and Vanderhill avenues, Borough of Brooklyn.

KINGS COUNTY SURROGATE'S COURT.

Hall of Records, Brooklyn.
GEORGE B. ASHBY, Surrogate.
MYRA C. F. McLEOD, Chief Clerk.
Court open to 4 P. M. Office hours, 9 A. M. to 4 P. M.

COUNTY JUDGE AND SURROGATE.

County Office Building, Richmond, S. I.
STEWART D. STREVEN, County Judge.

KINGS COUNTY TREASURER.

Court-house, Room 14.
JOHN W. KIRKALL, Treasurer; THOMAS F. FARRALL, Deputy Treasurer.

THE COMMISSIONERS OF RECORDS, KINGS COUNTY.

Room 1, Hall of Records. Office hours, 9 A. M. to 4 P. M.
GEORGE E. WALSH, Commissioner.
FRANK M. THURGOOD, Deputy Commissioner.
THOMAS D. MURPHY, Superintendent.
JOSEPH H. GIBBS, Secretary.

EXAMINING BOARD OF PLUMBERS.

Rooms 14, 15 and 16 Nos. 140 to 155 Church street.
President, JOHN RUSSELL; Secretary, JAMES E. McLEOD; Treasurer, EDWARD HALEY; HENRY LOUIS, P. J. ANDERSON, ex-officio.
Office open during business hours every day in the year, except legal holidays. Examinations are held on Monday, Wednesday and Friday after 1 P. M.

SUPREME COURT.

County Court-house, 10:30 A. M. to 4 P. M.
Special Term, Part I, Room No. 15.
Special Term, Part II, Room No. 15.
Special Term, Part III, Room No. 15.
Special Term, Part IV, Room No. 15.
Special Term, Part V, Room No. 15.
Special Term, Part VI, Room No. 15.

Special Term, Part VII., Room No. 39.
 Trial Term, Part II., Room No. 31.
 Clerk's Office, Room No. 23.
 Trial Term, Part II., Room No. 31.
 Trial Term, Part IV., Room No. 24.
 Trial Term, Part V., Room No. 27.
 Trial Term, Part VI., Room No. 35.
 Trial Term, Part VII., Room No. 39.
 Trial Term, Part VIII., Room No. 47.
 Trial Term, Part IX., Room No. 59.
 Trial Term, Part X., Room No. 67.
 Trial Term, Part XI., Room No. 75.
 Trial Term, Part XII., Room No. 83.
 Appellate Term, Room No. 91.
 Clerk's Office, Appellate Term, Room No. 93.
 Naturalization Bureau, Room No. 95.
 Assignment Bureau, Room No. 97.
Justices:—JAMES C. BARNETT, ARTHUR R. LANE, BENEDICT CHARLES H. BUCK, CHARLES F. MACLEARY, FREDERICK SMYTH, JAMES FITZPATRICK, NILES BEACH, DAVID LEVITZKY, LEONARD A. GOLDENBERG, HENRY BUCHHEIM, JR., JOHN J. FENNERMAN, GEORGE P. AMANN, P. HENRY DODGE, DAVID MCABE, HENRY K. BECKMAN, HENRY A. GILBERTSON, FRANCIS M. SCOTT, JAMES A. O'GORMAN, WILLIAM SCHMIDT, Clerk.

CRIMINAL DIVISION, SUPREME COURT.
 New Criminal Court Building, Centre street. Court opens at 10 o'clock A. M.
 EDWARD M. CANNOLL, Clerk. Hours from 10 A. M. to 4 P. M.

APPELLATE DIVISION, SUPREME COURT.
 Court-house, Madison avenue, corner Twenty-fifth street. Court opens at 1 P. M.
 CHARLES H. VAN BUREN, Presiding Justice; CHRISTOPHER M. McLAUGHLIN, EDWARD FITZPATRICK, MORGAN J. O'BRYEN, GEORGE L. INGALLS, WILLIAM RUSSELL, EDWARD W. HATCO, Justices. ALFRED WAGGARD, Clerk; WILLIAM LANE, JR., Deputy Clerk.

COUNTY COURT, KINGS COUNTY.
 County Court-house, Brooklyn. Rooms 10, 20, 30 and 40. Court opens at 10 A. M. daily, and this until business is completed. Part I., Room No. 10, Part II., Room No. 20, Court-house. Clerk's Office, Rooms 22 and 27, open daily from 9 A. M. to 4 P. M.; Saturdays, 11 A. M. to 1 P. M.
 JOSEPH ARMSTRONG and Wm. H. HARRIS, Jr., County Judges.
 CHARLES Y. VAN DUSEN, Chief Clerk.

QUEENS COUNTY COURT.
 County Court-house, Long Island City. County Court opens at 10 A. M.; adjourns at 5 P. M. County Judge's office always open at Flushing, N. Y. HARRISON S. MOORE, County Judge.

CITY COURT OF THE CITY OF NEW YORK.
 No. 42 Chancery street, Brown-stone Building, City Hall Park, from 10 A. M. to 4 P. M.
 General Term.
 Trial Term, Part I.
 Part II.
 Part III.
 Part IV.
 Special Term Chambers will be held at 10 A. M. to 4 P. M.
 Clerk's Office, from 9 A. M. to 4 P. M.
 JAMES M. FITZPATRICK, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CARRAN, JOHN P. SCHUCHMAN, EDWARD P. O'DWYER and THOMAS F. HANCOCK, Justices. THOMAS F. SMITH, Clerk.

COURT OF GENERAL SESSIONS.
 Held in the building for Criminal Courts, Centre Elm, White and Franklin streets. Court opens at 10 o'clock.
 RUTHERFORD B. CUNNINGHAM, City Judge; JOHN W. GARY, Recorder; JOSEPH E. NEWBURN, MARTIN T. McMAHON and WARREN W. FORTNA, Judges of the Court of General Sessions. EDWARD M. CANNOLL, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

COURT OF SPECIAL SESSIONS.
 Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan. Court opens at 10 A. M.
Justices:—First Division—ELMER B. HINDALE, WILLIAM TAYLOR, JAMES FITZPATRICK, A. JACOB, JOHN B. McKEAN, WILLIAM C. INGALLS, WILLIAM M. FOLLIOT, Clerk; JOSEPH H. JONES, Deputy Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Second Division—Trial days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.
Justices:—JOHN CUNNINGHAM, EDWARD J. FORTNA, PATRICK KADY, JOHN FLEMING, THOMAS W. FITZPATRICK, JOSEPH L. KENNEDY, Clerk; CHARLES F. WALK, Deputy Clerk.
 Clerk's office, Borough Hall, Borough of Brooklyn, open from 9 A. M. to 4 P. M.

MUNICIPAL COURTS
 Borough of Manhattan.
 First District—First, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Outer Islands. New Court-house, No. 121 Prince street, corner of Wooster street.
 DAVID E. FINE, Justice. FRANK L. BACON, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.
 HERMAN BIEBER, Justice. FRANCIS MANNING, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Court opens daily at 10 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-room, southwest corner Sixth avenue and West Tenth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
 Wm. F. MOWAT, Justice. DANIEL WILLIAMS, Clerk.
 Fourth District—Tenth and Seventeenth Wards. Court-room, No. 31 First street, corner Second avenue. Court opens 9 A. M. daily, and remains open to close of business.
 GEORGE F. ROSSIGNOL, Justice. JOHN E. LYNCH, Clerk.
 Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 134 Chancery street.
 BENJAMIN HOFFMAN, Justice. THOMAS FITZPATRICK, Clerk.
 Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens 9 A. M. daily, and continues open to close of business.
 DANIEL F. MARTIN, Justice. ARTHUR BERNARD, Clerk.
 Seventh District—Nineteenth Ward. Court-room, No. 101 East First street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
 HENRIK JENSEN, Justice. PATRICK McDAVID, Clerk.
 Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 10 A. M., and continues open to close of business.
 Clerk's office open from 9 A. M. to 4 P. M., each Court day.
 Trial days and return days, each Court day.
 JOSEPH H. JONES, Justice. THOMAS COUGHLIN, 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 avenue. Court-room, No. 100 West One Hundred and Twenty-first street, southwest corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
 JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.
 Clerk's office open daily from 9 A. M. to 4 P. M.
Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 314 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
 THOMAS E. MURRAY, 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 street and west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
 FRANCIS J. WORNESTER, Justice. ADOLPH N. DUNN, Clerk.

Borough of The Bronx.
 First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 102 of the Laws of 1898, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsburgh. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Trial of causes are Tuesday and Friday of each week.
 WILLIAM W. FANFELT, Justice. JOHN N. SEAWAY, Clerk.
 Second District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 10 A. M.
 JOHN M. TUCKER, Justice. HOWARD SPRUE, Clerk.

Borough of Brooklyn.
 First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, northwest corner State and Centre streets.
 JAMES J. WALSH, Justice. EDWARD MORAN, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Second District—Seventh, Eighth, Ninth, Eleventh, Twelfth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room located at No. 734 Broadway, Brooklyn.
 GEORGE S. VAN WART, Justice. WILLIAM H. ALLEN, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 1 and 3 Lee avenue, Brooklyn.
 WILLIAM J. LYNCH, Justice. JOHN W. CARPENTER, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard avenue.
 THOMAS H. WILLIAMS, Justice. HERMAN GOLDBERG, Justice. Clerk; JAMES P. SMOYER, Assistant Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
Fifth District—Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-room on Bath avenue and May Twenty-second street, Bath Beach.
 CHARLES F. FURNESS, Justice. JEREMIAH J. O'LEARY, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.

Borough of Queens.
 First District—First Ward (all of Long Island City, formerly comprising two Wards). Court-room Queens County Court-house (located temporarily).
 THOMAS C. KATZ, Justice. THOMAS F. KENNEDY, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M., each week day. Court held each day, except Saturday.
 Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room in Court-house in late Town of Newtown, corner of Broadway and Court street, Flushing, New York. P. O. address, Elmhurst, New York.
 WILLIAM RAQUIN, Jr., Justice. HENRY WALTER, Jr., Clerk.
 Clerk's office open from 9 A. M. to 4 P. M.
 Third District—Fourth, Fifth and Sixth Wards. Court-room, Town Hall, Jamaica.
 Clerk's office open from 9 A. M. to 4 P. M. Court held on Mondays, Wednesdays and Fridays, at 10 A. M.

Borough of Richmond.
 First District—First and Third Wards. Courts at Castle and Northfield. Court-room, corner Village Hall, Lafayette avenue and Second street, New Brighton.
 JOHN J. KENNEDY, Justice. FRANCIS E. LEAH, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M. Court held each day, except Saturday, from 9 A. M. to 4 P. M.
 Second District—Second, Fourth and Fifth Wards (Towns of Middleburgh, Northfield and Westfield). Court-room, corner Lafayette Village Hall, Stapleton.
 GEORGE W. STACE, Justice. PETER THOMAS, Clerk.
 Clerk's office open from 9 A. M. to 4 P. M. Court held each day from 9 A. M. and continues until close of business.

CHANGE OF GRADE DAMAGE COMMISSION. TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 137 of the Laws of 1897, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 222 of the Laws of 1897, providing for the deposition of railroad tracks in the Twenty-third and Twenty-fourth 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 appointed pursuant to said acts, will be held at Room 20, Schermerhorn Building, No. 66 Broadway, in the City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.
 Dated New York, January 9, 1900.
 WILLIAM E. STILLINGS,
 CHARLES A. JACKSON,
 OSCAR S. BAILEY,
 Commissioners.

DEPARTMENT OF FINANCE.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 108 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

EIGHTH WARD.
FOURTH STREET—FLAGGING, south side, between Third and Fourth avenues; also **FOURTH STREET—FLAGGING**, north side, between Third and Fourth avenues. Area of assessment: Lots numbered 9 to 19, inclusive, 25 to 35, inclusive, 45 to 55, inclusive, 65 to 75, inclusive, 85 to 95, inclusive, 105 to 115, inclusive, 125 to 135, inclusive, 145 to 155, inclusive, 165 to 175, inclusive, 185 to 195, inclusive, 205 to 215, inclusive, 225 to 235, inclusive, 245 to 255, inclusive, 265 to 275, inclusive, 285 to 295, inclusive, 305 to 315, inclusive, 325 to 335, inclusive, 345 to 355, inclusive, 365 to 375, inclusive, 385 to 395, inclusive, 405 to 415, inclusive, 425 to 435, inclusive, 445 to 455, inclusive, 465 to 475, inclusive, 485 to 495, inclusive, 505 to 515, inclusive, 525 to 535, inclusive, 545 to 555, inclusive, 565 to 575, inclusive, 585 to 595, inclusive, 605 to 615, inclusive, 625 to 635, inclusive, 645 to 655, inclusive, 665 to 675, inclusive, 685 to 695, inclusive, 705 to 715, inclusive, 725 to 735, inclusive, 745 to 755, inclusive, 765 to 775, inclusive, 785 to 795, inclusive, 805 to 815, inclusive, 825 to 835, inclusive, 845 to 855, inclusive, 865 to 875, inclusive, 885 to 895, inclusive, 905 to 915, inclusive, 925 to 935, inclusive, 945 to 955, inclusive, 965 to 975, inclusive, 985 to 995, inclusive, 1005 to 1015, inclusive, 1025 to 1035, inclusive, 1045 to 1055, inclusive, 1065 to 1075, inclusive, 1085 to 1095, inclusive, 1105 to 1115, inclusive, 1125 to 1135, inclusive, 1145 to 1155, inclusive, 1165 to 1175, inclusive, 1185 to 1195, inclusive, 1205 to 1215, inclusive, 1225 to 1235, inclusive, 1245 to 1255, inclusive, 1265 to 1275, inclusive, 1285 to 1295, inclusive, 1305 to 1315, inclusive, 1325 to 1335, inclusive, 1345 to 1355, inclusive, 1365 to 1375, inclusive, 1385 to 1395, inclusive, 1405 to 1415, inclusive, 1425 to 1435, inclusive, 1445 to 1455, inclusive, 1465 to 1475, inclusive, 1485 to 1495, inclusive, 1505 to 1515, inclusive, 1525 to 1535, inclusive, 1545 to 1555, inclusive, 1565 to 1575, inclusive, 1585 to 1595, inclusive, 1605 to 1615, inclusive, 1625 to 1635, inclusive, 1645 to 1655, inclusive, 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of the security required for the completion of this contract, over and above all his debts of every nature and kind and above his liabilities in bail, surety or otherwise,

2176. r. dorus Steinhilberella Bells, n. sp.
2177. s. dorus Steinhilberella Kar. Twp., n. sp.

2180. = Uterine Dress, Frys., Coc's special.
2182. = down Moust. Frys., Coc's.

Class B—Surgical Supplies, General.

N. B.—In this class, each line will be awarded to the lowest bidder, without reference to other lines.

2184. 4 Boxes, glass, ab. 2 inches wide, 1 sample.
2186. 4 down Bougies, Rectal, S. R., Wales.
2188. 4 down Catheters, Eustachian, 1 v.
2190. 2 Catheters, return flow, 1 cm., plat.
2192. 4 Clamps, Scissors, Henry's.
2194. 4 Carettes, Mende's, bent, blunt or sharp.
2196. 4 Carettes, Thomas', bent, blunt or sharp.
2198. 4 Depressors, Tongue, Turk's.
2200. 4 Dilator, Killinger's, special, like sample.
2202. 2 sets Drills, Brainard's (5 in set), with eyes at point.
2204. 4 down Forceps, Artery, Halstead's, curved (Koch, No. 488).
2206. 4 Forceps, Bone-cut. (Reynold, 108-109).
2208. 4 Forceps, Bullet, special, one sample.
2210. 4 Forceps, Fixation, Noyes'.
2212. 4 Forceps, Hemorrhoidal, special, one sample.
2214. 4 Forceps, Hysterecomy, Dugan's (Koch, 489).
2216. 4 Knives, Canaliculus, Noyes', probe p. flexible shaft.
2218. 4 Knives, Cataract, Noyes' or Knapp's.
2220. 4 Needle Holders, Abbe's, 7".
2222. 4 down Nipple Protectors, Phenix, No. 3.
2224. 4 down Nipple Protectors, Phenix, No. 4.
2226. 4 Retractors, Farabouet, double and Koch, (283).
2228. 4 Scissors, Wire-cutting, Smith's.
2230. 20-500 Silver Leaf, heavy (J. Marshall & Co.).
2232. 20-500 Silver Leaf, extra heavy (J. Marshall & Co.).
2234. 4 set Sounds, Ureth., steel, bent, 9-12 E, in case.
2236. 4 Syringes, Hypod., 60-80 min. (Reynold, 99-100).
2238. 4 Syringes, Coc, Nares, 1/2 c. (Koy, 103-104).
2240. 4 Trocars and Cannulas, grooved, Coltrane's.
2242. 4 sets Trocars, Anzures, Soutley's, in case.

II.—STERILE.

2244. 1 set Surgical and Clinical Instruments, as per special list.
2246. 1 set Medical Sterilizers and Ceiling Fan, as per special list.
2248. 1 set Operating Room Furniture, as per special list.
2250. 1 set Sterilizers, as per special list.
2252. 1 set Galvanized-iron Cases, as per special list.
2254. 1 set Swings (4 large and 7 small), to be repaired, renovated, completed and set up where directed.
2256. 1 Laboratory Table, to be refined.
2258. 1 set of Shelves, Cases and Floors in General Drug Department to be repaired and extended. Materials for this work:
300 running feet Yellow Pine Flooring, tongue and groove, 4 inches by 1 1/2 inches, pieces about 10 feet long.
75 boards White Wood, free from all defects, dressed both sides, all to be about 16 feet long and 10 inches wide; thickness as follows: 24 boards, 1-inch; 24 boards, 1 1/2-inch; 12 boards, 1 1/2-inch; 12 boards, 2-inch.

North—The articles to be repaired under lines 2256 and 2258 can be seen by the bidders at the General Drug Department, during business hours, from May 10 until the time of opening of the bids. The articles under lines 2254 and 2258 must be examined at the institution at which they are located. Information regarding the above, as well as all other repairs, can be obtained at the General Drug Department, where the Special Lists and Specifications may also be obtained.

The articles, supplies, goods, wares and merchandise are to be delivered, free of expense, at the General Drug Department on the grounds of Bellevue Hospital, East Twenty-sixth street, east of First avenue, and are to be delivered in such quantities and at such times as may be required.

The quality of the Hospital Supplies must conform to every respect to the specifications and samples, and bidders are cautioned to examine both specifications and samples of the articles required before making their estimates.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO ACCEPT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST.

No bid or estimate will be accepted from or contract awarded to any person who is in arrears to the Corporation up to date of contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners, or be provided for by the specifications.

Any bidder for this contract must be known to be engaged in and well prepared for the business and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the amount of fifty (50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and 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 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 portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for his faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above-mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above his liabilities as bail, surety and otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded in his or their bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and let, as provided by law.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and be retained by the City

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of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Blank forms for estimates may be obtained by application to the architect, Louis H. Voss, No. 65 DeKalb avenue, or to the Commissioner of Public Charities for the boroughs of Brooklyn and Queens, Nos. 120 and 122 Livingston street, Brooklyn.

**JOHN W. KELLER, President,
ADOLPH SIMIS, Jr., Commissioner,
JAMES FEENEY, Commissioner,
Department of Public Charities,
New York, May 4, 1900.**

NEW EAST RIVER BRIDGE COMMISSION.

**COMMISSION NEW EAST RIVER BRIDGE,
CITY OF NEW YORK, April 19, 1900.**

NOTICE TO CONTRACTORS.

BIDS WILL BE RECEIVED BY THE COMMISSIONERS OF THE NEW EAST RIVER BRIDGE, at their office, at No. 238 Broadway, in the Borough of Manhattan, in the City of New York, at two o'clock in the afternoon of the

31st DAY OF MAY, 1900.

Indorsed "Bid for Construction of the Steel and Masonry Approach on the Manhattan Side of the New East River Bridge," for furnishing the materials for and constructing the steel and masonry approach on the Manhattan side of the New East River Bridge, in accordance with the proposed form of contract and the drawings and specifications therefor. All bids shall be enclosed in sealed envelopes, addressed to Lewis Nixon, President of the Board of Commissioners of the New East River Bridge, and presented to him on that day and at that hour at said office, and such bids will be opened in public meeting by the said Commissioners on that day at two o'clock in the afternoon.

Copies of the specifications and the general drawings for the work, with the proposed forms for the bid, bond and contract may be seen and further information will be given at the office of the Chief Engineer, No. 14 Broadway, Borough of Brooklyn, City of New York, on and after the 18th day of April, 1900.

The Commissioners require that all bidders shall carefully examine the specifications, drawings and proposed form of contract, in order that no question as to their meaning may arise hereafter. It must be distinctly understood that no changes in the quality of the materials or of the workmanship will be allowed, and that the specifications will be adhered to strictly.

The contract is to be completely performed within fifteen months after the execution of the contract.

Bids will be made upon a form provided therefor, and only those bids will be considered which are complete, in proper form, comply with the requirements herein stated, and are offered by parties of known reputation, experience and responsibility.

Each bidder will be required to deposit, with his bid, in the office of the Commissioners, a certified check for \$5,000, payable to the order of Julian D. Farchild, as Treasurer of the New East River Bridge Commissioners, as security for the execution of the contract and the giving of the required bond, if his bid is accepted, within two weeks after notice of the acceptance of his bid.

The Contractor will be required to give a bond in the sum of \$400,000, in the form annexed to the proposed form of contract, with two approved surety companies doing business in the City of New York, conditioned for the prompt and faithful performance of the contract and its covenants and the work thereunder.

As by far the greater part of this work can be executed only by bridge establishments of the first class, bids will be received only from such parties as have the requisite plant and facilities, which have been in successful operation on work of a similar character for at least one year. The bidders must be, in the opinion of the Commissioners, fully qualified both by experience and in appliances to execute work of this character and importance according to the highest standard of such work at the present time.

The Commissioners reserve the right to reject any and all of the bids offered, and to accept any bid offered.

**LEWIS NIXON,
President.**

**JAMES D. BELL,
Secretary.**

**COMMISSION NEW EAST RIVER BRIDGE,
CITY OF NEW YORK, April 19, 1900.**

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The contract is to be completely performed within twelve months after the execution of the contract.

Bids will be made upon a form provided therefor, and only those bids will be considered which are complete, in proper form, comply with the requirements herein stated, and are offered by parties of known reputation, experience and responsibility.

Each bidder will be required to deposit, with his bid, in the office of the Commissioners, a certified check for \$5,000, payable to the order of Julian D. Farchild, as Treasurer of the New East River Bridge Commissioners, as security for the execution of the contract and the giving of the required bond, if his bid is accepted, within two weeks after notice of the acceptance of his bid.

The Contractor will be required to give a bond in the sum of \$200,000 in the form annexed to the proposed form of contract, with two approved surety companies doing business in the City of New York, conditioned for the prompt and faithful performance of the contract and its covenants and the work thereunder.

As by far the greater part of this work can be executed only by bridge establishments of the first class, bids will be received only from such parties as have the requisite plant and facilities, which have been in successful operation on work of a similar character for at least one year. The bidders must be, in the opinion of the Commissioners, fully qualified both by experience and in appliances to execute work of this character and importance according to the highest standard of such work at the present time.

of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Blank forms for estimates may be obtained by application to the architect, Louis H. Voss, No. 65 DeKalb avenue, or to the Commissioner of Public Charities for the boroughs of Brooklyn and Queens, Nos. 120 and 122 Livingston street, Brooklyn.

**JOHN W. KELLER, President,
ADOLPH SIMIS, Jr., Commissioner,
JAMES FEENEY, Commissioner,
Department of Public Charities,
New York, May 4, 1900.**

NEW EAST RIVER BRIDGE COMMISSION.

**COMMISSION NEW EAST RIVER BRIDGE,
CITY OF NEW YORK, April 19, 1900.**

NOTICE TO CONTRACTORS.

BIDS WILL BE RECEIVED BY THE COMMISSIONERS OF THE NEW EAST RIVER BRIDGE, at their office, at No. 238 Broadway, in the Borough of Manhattan, in the City of New York, at two o'clock in the afternoon of the

31st DAY OF MAY, 1900.

Indorsed "Bid for Construction of the Steel and Masonry Approach on the Manhattan Side of the New East River Bridge," for furnishing the materials for and constructing the steel and masonry approach on the Manhattan side of the New East River Bridge, in accordance with the proposed form of contract and the drawings and specifications therefor. All bids shall be enclosed in sealed envelopes, addressed to Lewis Nixon, President of the Board of Commissioners of the New East River Bridge, and presented to him on that day and at that hour at said office, and such bids will be opened in public meeting by the said Commissioners on that day at two o'clock in the afternoon.

Copies of the specifications and the general drawings for the work, with the proposed forms for the bid, bond and contract may be seen and further information will be given at the office of the Chief Engineer, No. 14 Broadway, Borough of Brooklyn, City of New York, on and after the 18th day of April, 1900.

The Commissioners require that all bidders shall carefully examine the specifications, drawings and proposed form of contract, in order that no question as to their meaning may arise hereafter. It must be distinctly understood that no changes in the quality of the materials or of the workmanship will be allowed, and that the specifications will be adhered to strictly.

The contract is to be completely performed within fifteen months after the execution of the contract.

Bids will be made upon a form provided therefor, and only those bids will be considered which are complete, in proper form, comply with the requirements herein stated, and are offered by parties of known reputation, experience and responsibility.

Each bidder will be required to deposit, with his bid, in the office of the Commissioners, a certified check for \$5,000, payable to the order of Julian D. Farchild, as Treasurer of the New East River Bridge Commissioners, as security for the execution of the contract and the giving of the required bond, if his bid is accepted, within two weeks after notice of the acceptance of his bid.

The Contractor will be required to give a bond in the sum of \$400,000, in the form annexed to the proposed form of contract, with two approved surety companies doing business in the City of New York, conditioned for the prompt and faithful performance of the contract and its covenants and the work thereunder.

As by far the greater part of this work can be executed only by bridge establishments of the first class, bids will be received only from such parties as have the requisite plant and facilities, which have been in successful operation on work of a similar character for at least one year. The bidders must be, in the opinion of the Commissioners, fully qualified both by experience and in appliances to execute work of this character and importance according to the highest standard of such work at the present time.

The Commissioners reserve the right to reject any and all of the bids offered, and to accept any bid offered.

**LEWIS NIXON,
President.**

**JAMES D. BELL,
Secretary.**

**COMMISSION NEW EAST RIVER BRIDGE,
CITY OF NEW YORK, April 19, 1900.**

NOTICE TO CONTRACTORS.

BIDS WILL BE RECEIVED BY THE COMMISSIONERS OF THE NEW EAST RIVER BRIDGE, at their office, at No. 238 Broadway, in the Borough of Manhattan, in the City of New York, at two o'clock in the afternoon of the

31st DAY OF MAY, 1900.

Indorsed "Bid for Construction of the Steel and Masonry Approach on the Brooklyn Side of the New East River Bridge," for furnishing the materials for and constructing the steel and masonry approach on the Brooklyn side of the New East River Bridge, in accordance with the proposed form of contract and the drawings and specifications therefor. All bids shall be enclosed in sealed envelopes, addressed to Lewis Nixon, President of the Board of Commissioners of the New East River Bridge, and presented to him on that day and at that hour at said office, and such bids will be opened in public meeting by the said Commissioners on that day at two o'clock in the afternoon.

Copies of the specifications and the general drawings for the work, with the proposed forms for the bid, bond and contract may be seen and further information will be given at the office of the Chief Engineer, No. 14 Broadway, Borough of Brooklyn, City of New York, on and after the 18th day of April, 1900.

The Commissioners require that all bidders shall carefully examine the specifications, drawings and proposed form of contract, in order that no question as to their meaning may arise hereafter. It must be distinctly understood that no changes in the quality of the materials or of the workmanship will be allowed, and that the specifications will be adhered to strictly.

The contract is to be completely performed within twelve months after the execution of the contract.

Bids will be made upon a form provided therefor, and only those bids will be considered which are complete, in proper form, comply with the requirements herein stated, and are offered by parties of known reputation, experience and responsibility.

Each bidder will be required to deposit, with his bid, in the office of the Commissioners, a certified check for \$5,000, payable to the order of Julian D. Farchild, as Treasurer of the New East River Bridge Commissioners, as security for the execution of the contract and the giving of the required bond, if his bid is accepted, within two weeks after notice of the acceptance of his bid.

The Contractor will be required to give a bond in the sum of \$200,000 in the form annexed to the proposed form of contract, with two approved surety companies doing business in the City of New York, conditioned for the prompt and faithful performance of the contract and its covenants and the work thereunder.

As by far the greater part of this work can be executed only by bridge establishments of the first class, bids will be received only from such parties as have the requisite plant and facilities, which have been in successful operation on work of a similar character for at least one year. The bidders must be, in the opinion of the Commissioners, fully qualified both by experience and in appliances to execute work of this character and importance according to the highest standard of such work at the present time.

The Commissioners reserve the right to reject any and all of the bids offered, and to accept any bid offered.

**LEWIS NIXON,
President.**

**JAMES D. BELL,
Secretary.**

BOARD OF PUBLIC IMPROVEMENTS.

**BOARD OF PUBLIC IMPROVEMENTS,
Nos. 19 AND 21 PARK ROW,
BOROUGH OF MANHATTAN.**

NOTICE IS HEREBY GIVEN THAT THE

Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York by changing the grades of Bailey avenue, between Harlem River terrace and Kingsbridge road, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at Nos. 19 and 21 Park row, Borough of Manhattan, on the 23d day of May, 1900, at 2 o'clock P. M., at which such proposed change of grades will be considered by said Board; all of which is more particularly set forth and described in the following resolutions, adopted by said Board on the 2d day of May, 1900, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York by changing the grades of Bailey avenue, between Harlem River terrace and Kingsbridge road, in the Borough of The Bronx, City of New York, more particularly described as follows:

Beginning at a point distant 144.83 feet northerly from the first tangent point south of East One Hundred and Ninetieth street, the elevation to be 51.0 feet above mean high-water datum as hereinafter:

1st. Thence northerly for 99.71 feet, the grade to be 25.6 feet above mean high-water datum;

2d. Thence northerly to the southernmost tangent point in Bailey avenue at Kingsbridge road, the elevation to be 11.7 feet above mean high-water datum;

3d. Thence 47.0 feet to East One Hundred and Ninety-second street, on the eastern side of the New York Central and Hudson River Railroad, Putnam Division, is herewith discontinued.

All elevations refer to mean high-water datum as established in the Borough of The Bronx.

Resolved, That this Board consider the proposed change of grades of the above-named avenue at a meeting of this Board to be held in the office of this Board on the 23d day of May, 1900, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed change of grades of the above-named avenue will be considered at a meeting of this Board to be held at the aforesaid time and place, to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 23d day of May, 1900.

**JOHN H. MOONEY,
Secretary.**

Dated New York, May 8, 1900.

**BOARD OF PUBLIC IMPROVEMENTS,
Nos. 19 AND 21 PARK ROW,
BOROUGH OF MANHATTAN.**

NOTICE IS HEREBY GIVEN THAT THE

Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York, by laying out West One Hundred and Seventy-sixth street and West One Hundred and Seventy-seventh street, from Kingsbridge road to Eleventh avenue, in the Borough of Manhattan, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at Nos. 19 and 21 Park row, Borough of Manhattan, on the 23d day of May, 1900, at 2 o'clock P. M., at which such proposed laying out will be considered by said Board; all of which is more particularly set forth and described in the following resolutions, adopted by said Board on the 2d day of May, 1900, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York, by laying out West One Hundred and Seventy-sixth street and West One Hundred and Seventy-seventh street, from Kingsbridge road to Eleventh avenue, in the Borough of Manhattan, City of New York, more particularly described as follows:

(a) **West One Hundred and Seventy-sixth Street.**
Beginning at the southwest house-corner of West One Hundred and Seventy-sixth street and Eleventh avenue, distant 149.81 feet northerly from the northwest house-corner of Eleventh avenue and West One Hundred and Seventy-fifth street;

1st. Thence westerly and parallel to the northern house-line of West One Hundred and Seventy-fifth street along the southern house-line of West One Hundred and Seventy-sixth street to its intersection with the eastern house-line of Kingsbridge road;

2d. The northern house-line of West One Hundred and Seventy-sixth street is to be left from and parallel to the previous course.

(b) **West One Hundred and Seventy-seventh Street.**
Beginning at the southwest house-corner of West One Hundred and Seventy-seventh street and Eleventh avenue, distant 149.66 feet northerly from the northwest house-corner of Eleventh avenue and West One Hundred and Seventy-fifth street;

1st. Thence westerly and parallel to the northern house-line of West One Hundred and Seventy-fifth street along the southern house-line of West One Hundred and Seventy-seventh street to its intersection with the eastern house-line of Kingsbridge road;

2d. The northern house-line of West One Hundred and Seventy-seventh street is to be left from and parallel to the previous course.

Resolved, That this Board consider the proposed laying out of the above-named streets at a meeting of this Board to be held in the office of this Board, on the 23d day of May, 1900, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out of the above-named streets will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the City Record for ten days continuously, Sundays and legal holidays excepted, prior to the 23d day of May, 1900.

**JOHN H. MOONEY,
Secretary.**

Dated New York, May 8, 1900.

**BOARD OF PUBLIC IMPROVEMENTS,
Nos. 19 AND 21 PARK ROW,
BOROUGH OF MANHATTAN.**

NOTICE IS HEREBY GIVEN THAT THE

Board of Public Improvements of the City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of the City of New York, by laying out a public place, bounded by Myrtle avenue, Knickerbocker avenue and Bleecker street, in the Borough of Brooklyn, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at Nos. 19 and 21 Park Row, Borough of Manhattan, on the 16th day of May, 1900, at 2 o'clock P. M., at which such proposed laying out will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 23d day of April, 1900, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Public Improvements of the City of New York, in pursuance of the provisions

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Friday, the 28th day of May, 1906, at the opening of the Court on that day, or as soon thereafter as convenient, to set aside, for the appointment of Commissioners of Sale, and Assessment in the above-captioned matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a public street or avenue known as West One Hundred and Forty-fourth street, from Hamilton

Dated New York, May 7, 1930.
JOHN WHALEN,
Corporation Counsel,
No. 2 Tryon Row,
Herald Building, Manhattan.

Borough of Manhattan,
City of New York.

4th. Thence westerly deflexing 32 degrees 42 min-

4th. Thence westerly deflecting 32 degrees 42 minutes 30 seconds to the right for 97.50 feet ;
 5th. Thence westerly deflecting 17 degrees 32 minutes 30 seconds to the left for 83.75 feet ;
 6th. Thence southwesterly deflecting 20 degrees 37 minutes 30 seconds to the left for 205.00 feet ;
 7th. Thence westerly deflecting 30 degrees 3 minutes 30 seconds to the right for 81.25 feet ;
 8th. Thence westerly deflecting 12 degrees 3 minutes 30 seconds to the right for 490 feet to the eastern line of Riverside avenue as legally owned ;
 9th. Thence northerly along said line for 50 feet ;
 10th. Thence easterly deflecting 90 degrees to the right for 443 feet ;
 11th. Thence easterly deflecting 6 degrees 6 minutes 30 seconds to the left for 78.00 feet ;
 12th. Thence southeasterly deflecting 30 degrees 4 minutes to the left for 218.10 feet ;
 13th. Thence easterly deflecting 12 degrees 30 minutes 30 seconds to the right for 87.75 feet ;
 14th. Thence easterly deflecting 19 degrees 40 minutes to the right for 354.00 feet ;
 15th. Thence easterly deflecting 11 degrees 3 minutes 40 seconds to the left for 60.00 feet ;
 16th. Thence easterly for 300 feet to the point of beginning.

West Two Hundred and Fifty-ninth street is designated as a street of the first class, and is shown on Section 35 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards, filed in the office of the Commissioner of Street Improvements of the City of New York on November 22, 1905; in the office of the Register of the City and County of New York on November 23, 1905, and in the office of the Secretary of State of the State of New York on November 23, 1905.

The land to be taken for West Two Hundred and Fifty-ninth street is located in Block 7222 of Section 13 of the Land Map of The City of New York.

Dated New York, May 5, 1966
JOHN WHALEN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

Corporation Counsel,
No. 1 Tryon Bldg.

FIRST DEPARTMENT.
In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FIFTY-SEVENTH STREET (although not yet named by proper authority), from Brook avenue to German place, including the triangular space between Brook avenue and German place lying northerly thereof, and East One Hundred and Fifty-seventh street, from German place to St. Ann's avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house in the Borough of Manhattan, in The City of New York, on Thursday, the 17th day of May, 1904, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue, known as East One Hundred and Fifty-seventh street, from Brook avenue to German place, including the triangular space between Brook avenue and German place, lying north-westerly thereof, and East One Hundred and Fifty-seventh street, from German place to St. Ann's avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, etc.:

Beginning at a point in the western side of German place, distant 141.34 feet northerly from the intersection of the western line of German place with the northern line of First One Hundred and Fifty-sixth street;

1st. Thence northerly along the western line of German place for 287.8 feet to the eastern line of Brook avenue;

2d. Thence southerly along the eastern line of Brook avenue for 287.8 feet;

3d. Thence easterly for 28.13 feet to the point of beginning.

Beginning at a point in the western line of St. Ann's avenue, distant 205 feet northerly from the intersection of the western line of St. Ann's avenue with the north

1st. Thence northerly along the western line of St. Ann's avenue for 50 feet;
 2d. Thence westerly deflecting 90 degrees to the left for 477.77 feet to the eastern line of German place;
 3d. Thence southerly along the said line for 50.00 feet;
 4th. Thence easterly for 575.00 feet to the point of beginning.

East One Hundred and Fifty-seventh street is designated as a street of the first-class, and is shown on section 6 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards, filed in the office of the Commissioner of Street Improvements of the

Twenty-third and Twenty-fourth Wards of The City of New York, on August 6, 1893, in the office of the Register of the City and County of New York, on August 7, 1893, and in the office of the Secretary of State of the State of New York on August 9, 1893.

Fifty-seventh street and the triangular space between Brook avenue and German place is located in Block 2960 of Section 9 of the Land Map of The City of New York.

Dated New York, May 5, 1900.
JOHN WHALEN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, whereas the same has been previously granted, on SEVERAL DAYS

has not been previously acquired, is 6000/ROOSEVELT PLACE (although not yet named by proper authority), from Crotona Park, East, to Boston Road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

No. 3 Tryon Road
Borough of ...

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to SUBURBAN PLACE (although not yet named by proper authority).

PURSUANT TO THE STATUTES IN SUCH cases made and provided, office is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, as a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Thursday, the 17th day of May, 1906, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a new street or avenue known as Suburban place, from Crotona Park, East, to Boston Road, in the Twenty-fourth Ward, Borough of the Bronx, City of New York.

Beginning at a point in the northern line of Boston road, distant 2,250.57 feet southwesterly from the intersection of said line with the western line of the Southern Boulevard;

1st. Thence westerly along the northern line of Boston road for 60 feet.
2d. Thence northerly, deflecting 90 degrees to the right for 40 feet.
3d. Thence easterly, deflecting 90 degrees to the right for 55.41 feet.
4th. Thence easterly for 5.56 feet, curving to the left on the arc of a circle of 540 feet radius and tangent to the preceding course.
5th. Thence southerly for 200.01 feet to the point of beginning.

Suburban place is designated as a street of the first class, and is shown on section No. 10 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on June 12, 1895, in the office of the Register of the City and County of New York on June 14, 1895, and in the office of the Secretary of State of the State of New York June 15, 1895.

The land to be taken for Suburban place is located in Block 209 of section 11 of the Land Map of The City of New York.
Dated New York, May 8, 1900.
JOHN WHELAN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SEVENTY-THIRD STREET (although not yet named by proper authority), from Crotona Park, East, to Boston road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Thursday, the 17th day of May, 1900, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Seventy-third street, from Crotona Park, East, to Boston road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, viz.:
Beginning at a point in the northern line of Boston road, distant 106.6 feet southwesterly from the intersection of said line with the western line of the Southern Boulevard;
1st. Thence southwesterly curving to the right on the arc of a circle for 60.09 feet along the northern line of Boston road;
2d. Thence northwesterly for 20.09 feet on a straight line which forms an angle of 90 degrees or minutes or seconds in the west with the radius of the preceding curve drawn northwesterly from its western extremity;
3d. Thence northwesterly curving to the left on the arc of a circle of 540 feet radius for 60.09 feet, the prolongation of the radius of said circle through the northern extremity of said curve forms an angle of 9 degrees 28 minutes 48 seconds to the west with said curve;
4th. Thence southeasterly for 20.09 feet to the point of beginning.

East One Hundred and Seventy-third street is designated as a street of the first-class, and is shown on section No. 10 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on June 12, 1895, in the office of the Register of the City and County of New York on June 14, 1895, and in the office of the Secretary of State of the State of New York June 15, 1895.

The land to be taken for East One Hundred and Seventy-third street is located in Blocks 209 and 210 of section 11 of the Land Map of The City of New York.
Dated New York, May 8, 1900.
JOHN WHELAN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CROTONA PARK, EAST (although not yet named by proper authority), from Crotona Park, South, to the Southern Boulevard, in the Twenty-third and Twenty-fourth Wards, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Thursday, the 17th day of May, 1900, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Crotona Park, East, from Crotona Park, South, to the Southern Boulevard, in the Twenty-third and Twenty-fourth Wards, Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Crotona Park, where the same is intersected by the southern line of Wendover avenue;
1st. Thence southeasterly along the southern line of Wendover avenue for 60.31 feet.
2d. Thence southwesterly deflecting 96 degrees 10 minutes 12 seconds to the right for 97.36 feet.
3d. Thence southwesterly curving to the right on the arc of a circle of 540 feet radius and tangent to the preceding course for 333.75 feet to the northern line of Prospect avenue.
4th. Thence northwesterly along said line for 60 feet to the eastern line of Crotona Park.
5th. Thence northerly along the eastern line of Crotona Park for 325.09 feet to the point of beginning.

Beginning at a point in the eastern line of Crotona Park, where the same is intersected by the northern line of Wendover avenue;
1st. Thence southeasterly along the northern line of Wendover avenue for 60.31 feet.
2d. Thence southwesterly deflecting 83 degrees 49 minutes 44 seconds to the left for 132.80 feet.
3d. Thence southwesterly curving to the right on the arc of a circle of 600 feet radius and tangent to the preceding course for 407.75 feet to the western line of Charlotte street.

4th. Thence northerly along the western line of Charlotte street for 60 feet to the eastern line of Crotona Park.
5th. Thence westerly and southwesterly along the eastern line of Crotona Park for 398.33 feet to the point of beginning.

PART "C."

Beginning at a point in the western line of the Southern Boulevard distant 403.77 feet southerly from the intersection of said line with the southern line of East One Hundred and Seventy-fifth street;
1st. Thence southerly along the western line of Southern Boulevard for 60.94 feet.
2d. Thence westerly deflecting 92 degrees 5 minutes 40 seconds to the right for 260.18 feet.
3d. Thence southerly deflecting 92 degrees 5 minutes 40 seconds to the left for 264.55 feet.
4th. Thence southwesterly deflecting 97 degrees 37 minutes 2 seconds to the right for 394.59 feet.
5th. Thence southwesterly curving to the right on the arc of a circle of 540 feet radius and tangent to the preceding course for 315.97 feet.
6th. Thence westerly on a straight line tangent to the preceding course for 123.40 feet.
7th. Thence westerly curving to the left on the arc of a circle of 540 feet radius and tangent to the preceding course for 90.63 feet to the eastern line of Charlotte street.

8th. Thence northerly along the eastern line of Charlotte street for 60.25 feet to the eastern line of Crotona Park.
9th. Thence easterly, northeasterly and northerly along the eastern line of Crotona Park for 1,640.69 feet.
10th. Thence easterly for 320.22 feet to the point of beginning.

Crotona Park, East, is designated as a street of the first class, and is shown on section 10 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on June 12, 1895, in the office of the Register of the City and County of New York, June 14, 1895, and in the office of the Secretary of State of the State of New York, June 15, 1895.

The land to be taken for Crotona Park, East, is located in Blocks 207, 208, 209, 210 and 211 of section 11 of the Land Map of The City of New York.
Dated New York, May 8, 1900.
JOHN WHELAN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SIXTY-SECOND STREET (although not yet named by proper authority), between Teller avenue and Park avenue, West, in the Twenty-third Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Thursday, the 17th day of May, 1900, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Sixty-second street, between Teller avenue and Park avenue, West, in the Twenty-third Ward, Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the eastern line of Teller avenue with the northern line of East One Hundred and Sixty-second street (legally opened);
1st. Thence easterly along the northern line of said East One Hundred and Sixty-second street for 170 feet to the western line of Park avenue (legally opened as Railroad avenue, West);
2d. Thence northeasterly along last mentioned line for 31.84 feet;
3d. Thence northwesterly deflecting 90 degrees 05 minutes 37 seconds to the left for 48.00 feet to the eastern line of Teller avenue;
4th. Thence southerly for 52.22 feet along said line to the point of beginning.

PART "A."

Beginning at the intersection of the eastern line of Park avenue (legally opened as Railroad avenue, West), with the northern line of East One Hundred and Sixty-second street, as legally opened;

1st. Thence easterly along the northern line of said East One Hundred and Sixty-second street for 18.29 feet;
2d. Thence northwesterly deflecting 132 degrees 30 minutes 37 seconds to the left for 31.22 feet to the eastern line of Park avenue (legally opened as Railroad avenue, West);
3d. Thence southwesterly along last mentioned line for 8.31 feet to the point of beginning.

East One Hundred and Sixty-second street is designated as a street of the first-class, and is shown on section 9 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York on October 31, 1895; in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 3, 1895.

The land to be taken for East One Hundred and Sixty-second street is located in Blocks 203 and 204 of section 9 of the Land Map of The City of New York.
Dated New York, May 8, 1900.
JOHN WHELAN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to HARLEM RIVER TERRACE (although not yet named by proper authority), from the northern line of the land ceded November 27, 1911 for Heath avenue to Bailey avenue, also HEATH AVENUE, from Bailey avenue to Fort Independence street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Thursday, the 17th day of May, 1900, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the

acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Harlem River terrace, from the northern line of the land ceded November 27, 1911 for Heath avenue to Bailey avenue, also Heath avenue, from Bailey avenue to Fort Independence street in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, viz.:

PART "A."

Beginning at a point in the westerly line of Bailey avenue, distant 87.71 feet northerly from the intersection of the westerly line of Sedgewick avenue with the westerly line of Bailey avenue;

1st. Thence running northerly along the westerly line of Bailey avenue for 126.25 feet;
2d. Thence southerly curving to the right on the arc of a circle whose radius is 300 feet tangent to the preceding course for 44.06 feet to a point of reverse curve;
3d. Thence southerly on the arc of a circle whose radius is 1,200 feet for 209.93 feet;
4th. Thence southerly in a straight line tangent to the preceding course for 8.14 feet;
5th. Thence southerly and curving to the right on the arc of a circle whose radius is 1,275 feet for 730.73 feet to the northerly line of land ceded November 27, 1911;
6th. Thence easterly along the northerly line of land ceded November 27, 1911, for 60.03 feet;
7th. Thence northeasterly curving to the left along the arc of a circle whose radius is 7,233 feet and whose radius drawn to the west from the easterly end of the preceding course makes an angle with the preceding course of 14 degrees 37 minutes 47 seconds to the north for 736.07 feet;
8th. Thence northerly on a straight line tangent to the preceding course for 61.48 feet;
9th. Thence northerly and curving to the right on the arc of a circle whose radius is 1,200 feet tangent to the preceding course for 118.77 feet;
10th. Thence easterly for 41.55 feet to the point of beginning.

PART "B."

Beginning at a point in the westerly line of Kingsbridge road, distant 731.07 feet northerly from the intersection of the westerly side of Kingsbridge road with the northerly side of Immerich place;

1st. Thence westerly along the southerly side of Kingsbridge road for 62.18 feet;
2d. Thence southerly deflecting 93 degrees 39 minutes 23 seconds to the left for 178.20 feet;
3d. Thence southerly on the arc of a circle whose radius is 190 feet tangent to the preceding course and curving to the left for 100.33 feet;
4th. Thence southerly in a straight line tangent to the preceding course for 70.10 feet;
5th. Thence southerly along the arc of a circle whose radius is 300 feet tangent to the preceding course and curving to the right for 74.08 feet to a point of compound curve;
6th. Thence southwesterly along the arc of a circle whose radius is 1,340 feet for 215 feet to a point of compound curve;
7th. Thence westerly along the arc of a circle whose radius is 40 feet for 108.14 feet to the easterly side of Bailey avenue;
8th. Thence southerly along the easterly side of Bailey avenue for 61.04 feet;
9th. Thence northeasterly along the arc of a circle whose radius is 1,400 feet tangent to the preceding course and curving to the right for 188.39 feet to a point of reverse curve;
10th. Thence northerly along the arc of a circle whose radius is 1,200 feet for 477.79 feet to a point of compound curve;
11th. Thence northerly along the arc of a circle whose radius is 200 feet for 97.41 feet;
12th. Thence northerly along a straight line tangent to the preceding course for 70.12 feet;
13th. Thence northerly along the arc of a circle whose radius is 300 feet tangent to the preceding course and curving to the right for 91.74 feet;
14th. Thence northerly for 204.42 feet to the point of beginning.

PART "C."

Beginning at a point in the southerly line of Boston avenue distant 175.77 feet easterly from the intersection of the southerly side of Boston avenue with the easterly side of Bailey avenue;

1st. Thence easterly along the southerly side of Boston avenue for 100.04 feet;
2d. Thence southerly deflecting 100 degrees 7 minutes 16 seconds to the right for 144.81 feet;
3d. Thence southerly deflecting 133 degrees 5 minutes 46 seconds to the left for 9.34 feet;
4th. Thence southerly deflecting 7 degrees 28 minutes 30 seconds to the left for 244.31 feet;
5th. Thence southerly along the arc of a circle whose radius is 2,000 feet tangent to the preceding course and curving to the right for 107 feet to a point of compound curve;
6th. Thence southerly along the arc of a circle whose radius is 1,200 feet for 64.39 feet to the northerly side of Kingsbridge road;
7th. Thence easterly along the northerly side of Kingsbridge road for 107.50 feet;
8th. Thence northerly curving to the left on the arc of a circle whose radius is 1,200 feet and whose radius drawn to the west from the easterly end of the preceding course makes an angle with the preceding course for 4 degrees 45 minutes 14 seconds to the south for 609.31 feet to a point of compound curve;
9th. Thence northerly along the arc of a circle whose radius is 2,000 feet for 104.02 feet;
10th. Thence northerly in a straight line tangent to the preceding course for 430.00 feet;
11th. Thence northerly deflecting 4 degrees 4 minutes 8 seconds to the right for 6.04 feet;
12th. Thence northerly for 230.15 feet to the point of beginning.

PART "D."

Beginning at a point in the southerly side of Fort Independence street distant 80.27 feet westerly from the intersection of the southerly side of Fort Independence street with the westerly side of Fort Independence avenue;

1st. Thence northwesterly along the southwesterly side of Fort Independence street for 177.00 feet;
2d. Thence westerly still along the southwesterly side of Fort Independence street for 15.37 feet;
3d. Thence southerly along the arc of a circle whose radius is 30.34 feet and whose radius drawn to the west from the end of the preceding course is a continuation of the preceding course curving to the right for 46.47 feet to a point of reverse curve;
4th. Thence southwesterly along the arc of a circle whose radius is 150 feet for 410.31 feet;
5th. Thence southwesterly along a straight line tangent to the preceding course for 241.81 feet to the northerly side of Boston avenue;
6th. Thence easterly along the northerly side of Boston avenue for 62.46 feet;

7th. Thence northeasterly along a straight line which makes with a radial line drawn to the north from the eastern extremity of the preceding course an angle of 19 degrees 41 minutes 3 seconds to the east for 704.71 feet;
8th. Thence northeasterly along the arc of a circle whose radius is 100 feet curving to the right for 54.89 feet to the point of beginning.

Harlem River terrace and Heath avenue are shown on sections 10 and 11 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards, filed respectively in the office of the Commissioner of Street Improvements of the City of New York on November 18, 1895, and December 16, 1895, in the office of the Register of the City and County of New York on November 19, 1895, and December 16, 1895, and in the office of the Secretary of State of the State of New York on November 20, 1895, and December 17, 1895. The lands to be taken for Harlem River terrace and Heath avenue are located in Blocks 226, 227, 228, 229 and 230, of

section 11, and Blocks 229, 230, 231, 232, 233, 234, 235 and 236 of section 11, of the Land Map of The City of New York.
Dated New York, May 8, 1900.
JOHN WHELAN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
New York City.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FIFTY-EIGHT STREET (although not yet named by proper authority), from German place to St. Ann's avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Thursday, the 17th day of May, 1900, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Fifty-eight street, from German place to St. Ann's avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of St. Ann's avenue, distant 188.97 feet southerly from the intersection of the southern line of East One Hundred and Fifty-eighth street, legally opened as John street, with the western line of St. Ann's avenue;

1st. Thence southerly along the western line of St. Ann's avenue for 22 feet;
2d. Thence westerly and deflecting 90 degrees to the right for 287.92 feet to the eastern line of German place;
3d. Thence northerly along the eastern line of German place for 50.06 feet;
4th. Thence easterly for 300.00 feet to the point of beginning.

East One Hundred and Fifty-eighth street is shown on section No. 5 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of The City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on August 6, 1895, in the office of the Register of the City and County of New York on August 7, 1895, and in the office of the Secretary of State of the State of New York August 7, 1895.

The land to be taken for East One Hundred and Fifty-eighth street is located in Block 216 of section 7 of the Land Map of The City of New York.
Dated New York, May 8, 1900.
JOHN WHELAN,
Corporation Counsel,
No. 2 Tryon Row,
Borough of Manhattan,
City of New York.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Community 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 GUN HILL ROAD (although not yet named by proper authority), from Jerome avenue to Bronx river, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth 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, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court-house, in the Borough of Manhattan, in the City of New York, on the 18th day of May, 1900, at 10 o'clock in the forenoon 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 two days, as required by the provisions of section 90 of title 4 of chapter 17, of chapter 38 of the Laws of 1897.

Dated Borough of Manhattan, New York, May 9, 1900.
WALTER LARGO,
DAVID M. KOEHLER,
JOHN J. HART,
Commissioners.

JOHN P. DUNN,
Clerk.

FIRST DEPARTMENT.

In the matter of the application of The Mayor, Aldermen and Community 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 MOTT AVENUE (although not yet named by proper authority), from Railroad avenue, East to East One Hundred and Sixty-first street, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of the City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That we have completed our estimate of assessment for benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections, in writing, duly verified, to us, at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in the City of New York, on or before the 25th day of May, 1900, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 28th day of May, 1900, at 4 o'clock P. M.

Second.—That the abstract of our said assessment, together with our benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 6th day of June, 1900.

Third.—That pursuant to the notice aforesaid given when we filed our estimate of damage the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being to the Borough of The Bronx, 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 a line drawn parallel to the northwesterly side of Third avenue and distant 100 feet northwesterly therefrom with a line drawn parallel to the southwesterly side of East One Hundred and Thirty-fifth street and distant 100 feet southwesterly

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the Borough of Manhattan, in the City of New York, on Monday, the next day of May, 1900, at the opening of the Court on that day, or at any time thereafter as counsel can be heard thereon, for the appointment of Commissioners of Eminent Domain and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of lots by the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Eldersme place, from Marston avenue to the southern Boulevard, in the Twenty-fourth Ward,

John F. Dean,
Clerk.