

# THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. XX

NEW YORK, SATURDAY, MARCH 26, 1892.

NUMBER 5,741.



## DEPARTMENT OF STREET IMPROVEMENTS, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

Report for the Three Months Ending December 31, 1891, with  
Review of Transactions for the Year 1891.

CITY OF NEW YORK—COMMISSIONER OF STREET IMPROVEMENTS,  
TWENTY-THIRD AND TWENTY-FOURTH WARDS,  
NEW YORK, January 2, 1892.

Hon. HUGH J. GRANT, Mayor :

SIR—In compliance with the provisions of section 49 of chapter 410 of the Laws of 1882, and chapter 545 of the Laws of 1890, the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards hereby submits the following statement of the transactions of this office during the three months ending December 31, 1891, accompanied with a review of the transactions of the Department during the year 1891.

During the said three months a large amount of public business has been carried on in the said wards, the nature and description of which will be found detailed in this report.

During the quarter there were seventy-one contracts of all kinds in force; thirty-one contracts completed and twenty-three new contracts made.

During the quarter 5,538.51 linear feet of sewers have been constructed, 599 spurs have been laid, 56 manholes and 14 receiving-basins have been built, 5,398.77 cubic yards of rock and 21,504 cubic yards of earth have been excavated, 73,940 cubic yards of filling have been done, 37,259 linear feet of new curb set, 4,263 linear feet of old curb reset, 160,947 square feet new flagging laid and 11,594 square feet old flagging relaid and 29,649 square feet bridge stone laid.

Under the Maintenance Bureau, during the quarter, sixty-six earth roads, wholly or in part, have been repaired and improved, comprising 1,409,403 square feet; 28,853 cubic yards of earth and stone filling were used in repairs to earth roads, 187,513 square feet of new trap-rock roads were built and 328,576 square feet of old trap-rock roads repaired.

Thirty-one miles of gutters were opened and cleaned.

The detailed statement of these several works, together with other particulars, will be found below.

### Summary of Expenditures.

Being amount of requisitions drawn on the Comptroller on account of appropriations for "Salaries," "Rents," "Surveying," "Laying-out, Maps, Plans, etc.," "Sewers and Drains," "Bridges," "Repairs, etc." .....	\$89,608 09
On account of "Street Improvement Fund" (assessments on property benefited) .....	251,669 17
On account of "Local Improvement Fund" (assessments on property benefited) .....	121 27
On account of "Special Fund" for restoring pavements over street openings .....	423 06
Total .....	\$341,821 59

Detailed Statement of Expenditures for which Requisitions were drawn on the Comptroller by the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards during the Quarter ending December 31, 1891.

Office of Commissioner—	
Salaries of Commissioner, Deputy, Secretary, Clerks, etc. ....	\$5,124 96
Telephonic Services, Rent and Contingencies—	
Rent .....	\$675 00
Telephone .....	37 50
Contingent expenses .....	88 06
	800 56
Final Maps and Profiles—	
Salaries, Engineers, Draughtsmen, etc. ....	\$1,724 62
Sundry supplies .....	19 95
	1,744 57
Sewers and Drains—	
Sundry supplies .....	\$64 45
Cleaning sewers, etc. ....	1,657 86
	1,722 31
Bronx River Bridges—	
Pay-roll, repairs .....	261 39
Cromwell's Creek Bridges—	
Pay-roll, repairs .....	\$74 54
Lumber .....	822 99
	897 53
Surveying, Laying-out, Maps, Plans, etc.—	
Salaries, Engineers, Draughtsmen, etc. ....	\$9,578 70
Traveling expenses .....	225 85
Sundry supplies .....	1,829 29
	11,633 84
Maintenance—	
Pay-roll, Superintendent, Foremen, Laborers, etc. ....	\$37,148 61
Sundry supplies, tools, etc. ....	1,013 18
Lumber .....	255 77
Paint .....	31 70
Rent, Department Yard .....	235 00
Coal .....	325 00
Hay, feed, etc. ....	334 64
Traveling expenses, stamps, etc. ....	174 16
Trap-rock stone and screenings .....	26,649 60
Rebuilding retaining-wall, Mott avenue, One Hundred and Fifty-sixth street .....	240 72
Building manhole, southeast corner Third and Pelham avenues ..	371 05
Rent of steam roller .....	643 50
	67,422 93
Street Improvement Fund (assessments on property benefited)—	
Payments to Contractors:	
Salaries, Engineers, Inspectors, etc. ....	\$17,399 05
Receiving-basins .....	684 60
Curbing, flagging, etc. ....	5,327 06
Regulating, grading, etc. ....	82,117 68
Regulating, paving, etc. ....	92,924 87
Sewers .....	52,501 49
City Surveyor's fees .....	714 42
	251,669 17

Local Improvement Fund (assessments on property benefited)—	
Salaries, Draughtsmen, etc. ....	\$121 27
Restoring and Repaving Fund—	
Repairs to streets .....	423 06
Total .....	\$341,821 59

Work Done in the Construction and Topographical Bureaus for the Quarter ending  
December 31, 1891.

### CONSTRUCTION BUREAU.

There were seventy-one contracts of all kinds in force during the quarter. These contracts comprise the following works, viz.:

#### REGULATING, GRADING, ETC.

Gerard avenue, from One Hundred and Thirty-eighth street to Jerome avenue; Third avenue, from Twenty-third Ward line to Pelham avenue; One Hundred and Forty-seventh street, from Willis to Brook avenue; One Hundred and Sixty-first street, from Third to Gerard avenue; Vanderbilt avenue, from One Hundred and Sixty-fifth street to a point north of One Hundred and Seventieth street; One Hundred and Sixty-ninth street, from Franklin avenue to One Hundred and Sixty-seventh street; Webster avenue, from One Hundred and Seventy-third to One Hundred and Eighty-fourth street; One Hundred and Sixtieth street, from Washington avenue to Railroad avenue, East; One Hundred and Forty-ninth street, from Morris avenue to Railroad avenue, East; One Hundred and Seventieth street, from Webster to Third avenue; One Hundred and Thirty-ninth street, from Willis to St. Ann's avenue; One Hundred and Fifty-sixth street, from Third to St. Ann's avenue; Bristow street, from Boston to Stebbins avenue; Devoe street, from Ogden to Bremer avenue; Chisholm street, from Jennings street to Stebbins avenue; Hampden street, from Sedgwick to Jerome avenue; One Hundred and Sixty-seventh street, from Third to Vanderbilt avenue; One Hundred and Fifty-fourth street, from Courtlandt to Morris avenue; College avenue, from Morris avenue to One Hundred and Forty-sixth street; One Hundred and Seventy-third street, from the New York and Harlem Railroad to Weeks street; One Hundred and Sixty-third street, from Third to Brook avenue; One Hundred and Seventy-third street, from Third avenue to Vanderbilt avenue, East; One Hundred and Thirty-eighth street, from the Southern Boulevard to Long Island Sound; One Hundred and Forty-sixth street, from Third avenue to Railroad avenue, East; One Hundred and Fifty-fifth street, from Third to Elton avenue; One Hundred and Fifty-second street, from Courtlandt avenue to Railroad avenue, East; One Hundred and Eighty-fourth street, from Jerome avenue to Vanderbilt avenue, West; Burnside avenue, from Sedgwick to Webster avenue; One Hundred and Seventieth street, from Third to Franklin avenue; One Hundred and Thirty-eighth street, from Rider to Railroad avenue; Jennings street, from Union to Stebbins avenue.

#### REGULATING AND PAVING.

One Hundred and Fifty-first street, from Courtlandt avenue to Railroad avenue, East; One Hundred and Fiftieth street, from Third to Courtlandt avenue; One Hundred and Forty-fifth street, from Third avenue to One Hundred and Forty-sixth street; Brook avenue, from Harlem river to One Hundred and Fifty-sixth street; Morris avenue, from One Hundred and Thirty-ninth to One Hundred and Fortieth street; Morris avenue, from One Hundred and Forty-eighth to One Hundred and Fifty-second street; One Hundred and Fifty-third street, from Third to Courtlandt avenue; One Hundred and Thirty-fourth street, from Brook avenue to the Southern Boulevard; One Hundred and Forty-ninth street, from New York Central and Hudson River Railroad to Mott avenue; One Hundred and Seventieth street, from Third to Fulton avenue; One Hundred and Thirty-eighth street, from Railroad avenue, East, to Madison Avenue Bridge; One Hundred and Thirty-fifth street, from Brook to Cypress avenue; One Hundred and Forty-third street, from Third avenue to One Hundred and Forty-fourth street.

#### RECEIVING-BASIN.

Vanderbilt avenue, East, and One Hundred and Seventieth street.

#### RETAINING-WALL.

Mott avenue, near One Hundred and Fifty sixth street.

#### CURBING, FLAGGING AND CROSSWALKS.

Boston avenue, from Jefferson street to Tremont avenue; Brook avenue, from One Hundred and Sixty-fifth street to Third avenue; Westchester avenue, from Prospect avenue to the Southern Boulevard; One Hundred and Thirty-eighth street, from Railroad avenue to Madison Avenue Bridge; Chisholm street, from Jennings street to Stebbins avenue; Jennings street, from Union to Stebbins avenue; Bristow street, from Boston to Stebbins avenue; Jerome avenue at High-bridge road.

#### SEWERS.

One Hundred and Fifty-third street, from Morris avenue to Railroad avenue, East; Rose street, from Bergen to Third avenue; Locust avenue, from One Hundred and Thirty-ninth to One Hundred and Forty-first street; German place, from Westchester avenue to One Hundred and Fifty-sixth street; receiving-basins in One Hundred and Forty-ninth street, from Mott avenue to New York Central and Harlem River Railroad; One Hundred and Sixty-first street, from Washington to Elton avenue, with branches; St. Ann's avenue, from Southern Boulevard to One Hundred and Thirty-fourth street; Bungay street (lower system), from Bungay to Kelly street; Tinton avenue sewer (upper Bungay system), from Kelly to Home street, etc.; One Hundred and Thirty-second street, from Brook avenue to summit west of Trinity avenue; Wales avenue, from summit south of One Hundred and Forty-ninth to Kelly street; One Hundred and Seventieth street, from Washington to Third avenue; Southern Boulevard, from Brook avenue to One Hundred and Thirty-seventh street (both sides); Southern Boulevard, from One Hundred and Thirty-seventh to One Hundred and Thirty-eighth street (both sides); Southern Boulevard, from Willis avenue to a point east and west of Willis avenue, south side; Brook avenue sewer cleaning.

Contracts completed during the quarter as follows:

One Hundred and Fifty-third street, from Morris avenue to Railroad avenue, East; Rose street, from Bergen to Third avenue; Locust avenue, from One Hundred and Thirty-ninth to One Hundred and Forty-first street; German place, from Westchester avenue to One Hundred and Fifty-sixth street; receiving-basins in One Hundred and Forty-ninth street, from New York Central and Harlem River Railroad to Mott avenue; One Hundred and Sixty-first street, Washington to Elton avenue, etc.; St. Ann's avenue, from the Southern Boulevard to One Hundred and Thirty-fourth street.

The total length of sewers in the Twenty-third and Twenty-fourth Wards at the end of the quarter is 211,748.51 linear feet, or 40.104 miles, of which amount 5,538.51 linear feet were built during the quarter, being divided as follows: 1,544 linear feet of brick sewer and 3,994.51 linear feet of pipe sewer.

Appended to this will be found a recapitulation of the number of works in progress, etc., also a statement of the force connected with the office.

#### RECAPITULATION.

Regulating and grading—	
Number of contracts in progress .....	32
Number of contracts completed .....	11
Number of contracts made .....	9
Regulating and Paving—	
Number of contracts in progress .....	13
Number of contracts completed .....	7
Number of contracts made .....	4
Curbing, Flagging and Crosswalks—	
Number of contracts in progress .....	8
Number of contracts completed .....	6
Sewers—	
Number of contracts in progress .....	16
Number of contracts completed .....	7
Number of contracts made .....	10
Receiving-basins in progress .....	1
Retaining-wall in progress .....	1

## Engineering Force on December 31, 1891.

	REGULATING GRADING, PAVING, ETC.	SEWERS.	FOR BOTH BUREAUS.
Assistant in charge .....	1	1	..
Assistant Engineer .....	2	1	..
Assistants .....	3	2	..
Rodmen .....	2	1	..
Chainman .....	..	1	..
Draughtsmen .....	2	1	..
Computer .....	1	..	..
Axemen .....	4	6	..
Clerk .....	..	..	1
Inspectors .....	25	14	..
Skilled laborers .....	..	2	..
Total .....	40	29	1

## RECAPITULATION.

## Summarized Statement of Work done during Quarter ending December 31, 1891.

## BRICK SEWER.

110 linear feet of 6 feet by 6 feet 10 inches; 574 linear feet of 3 feet 8 inches by 2 feet 8 inches, egg shaped; 860 linear feet of 36 inches by 20 inches, egg shaped—1,544 linear feet, total length of brick sewer.

## PIPE SEWER.

723.76 linear feet of 18-inch pipe; 820.96 linear feet of 15-inch pipe; 2,449.79 linear feet of 12-inch pipe—3,994.51 linear feet, total length of pipe sewer.

599 spurs for house connections; 50 manholes; 14 receiving-basins; 5,398.77 cubic yards of rock excavated and removed; 80 cubic yards of broken stone in place; 20.6 cubic yards of rubble masonry; 5,450 linear feet (piles) below caps, etc.; 20,824 feet (B. M.) lumber furnished and laid; 14,158 feet (B. M.) lumber as sheeting; 15 preliminary surveys completed and rock soundings made; 14 plans for sewers, etc., completed and estimates made; 7 duplicate tracings of plans, etc., made; 10 proposals for estimates, contracts, specifications prepared, read and corrected; 7 assessment lists and plans completed; 3 assessment lists and plans in progress; 3 plans for sewers in progress; copying and completing record books.

## STREET IMPROVEMENTS.

21,504 cubic yards of earth excavation; 9,211 cubic yards of rock excavation; 73,940 cubic yards of filling; 37,250 linear feet of new curb set; 4,203 linear feet of old curb reset; 160,947 square feet of new flagging laid; 11,504 square feet of old flagging relaid; 29,649 square feet of bridge-stone laid; 4,896 cubic yards of dry rubble masonry; 41,412 square yards of granite pavement laid; 13,248 square yards of trap-block pavement laid; 1,700 feet (B. M.) lumber used; 12 receiving-basins built; 21 preliminary surveys made; 37 specifications (with estimates) made; 20 specifications, first proofs read; 18 specifications, second proofs read; 22 plans made; 17 tracings made; 54 contracts in force during the quarter; 16 contracts made during the quarter; 20 contracts completed during the quarter.

## DRAUGHTING DEPARTMENT.

The following plans and profiles, tracings, etc., for sewers and appurtenances have been made during the quarter:

Sewers, etc., in Melrose avenue, between One Hundred and Sixtieth and One Hundred and Sixty-second streets, with branches; Courtlandt avenue, between One Hundred and Fifty-fourth and One Hundred and Sixty-first streets; One Hundred and Fifty-fifth street, between Courtlandt avenue and the summit west of Courtlandt avenue; One Hundred and Fifty-seventh street, between Courtlandt avenue and Railroad avenue, East; One Hundred and Fifty-eighth street, between Railroad avenue, East, and Courtlandt avenue; One Hundred and Fifty-ninth street, between Courtlandt avenue and Railroad avenue, East; One Hundred and Sixtieth street, between Elton avenue and Railroad avenue, East; One Hundred and Sixty-first street, between Elton avenue and Railroad avenue, East. Total length, 7,265 linear feet.

Melrose avenue, from One Hundred and Fifty-fourth to One Hundred and Fifty-sixth street, with branches in One Hundred and Fifty-fifth street, from Elton to Courtlandt avenue; Melrose avenue, from One Hundred and Sixtieth to One Hundred and Fifty-sixth street, with branches in One Hundred and Fifty-seventh, One Hundred and Fifty-eighth and One Hundred and Fifty-ninth streets, from Elton to Courtlandt avenue; Melrose avenue, from Third avenue to One Hundred and Fifty-fourth street; Third avenue, from One Hundred and Fifty-eighth street to the Port Morris Branch Railroad, and in One Hundred and Fifty-ninth street, between Third and Elton avenues; Fulton avenue and Spring place, between Third avenue and One Hundred and Sixty-eighth street, etc.; St. Ann's avenue, between the Southern Boulevard and One Hundred and Thirty-fourth street; Franklin avenue, between Third avenue and One Hundred and Sixty-seventh street, and in One Hundred and Sixty-seventh street, between Franklin avenue and Boston road; One Hundred and Sixty-eighth street, between Third and Washington avenues, and between Third avenue and summit west of Boston road, with branches in Fulton avenue; Locust avenue, between One Hundred and Thirty-eighth and One Hundred and Thirty-sixth streets; George street, between Forest avenue and Boston road; Franklin avenue, between One Hundred and

Sixty-seventh and One Hundred and Sixty-eighth streets; German place, from John to One Hundred and Fifty-sixth street; receiving-basins at Sherman avenue and One Hundred and Sixty-first street, making an aggregate length of 20,819 linear feet.

Duplicate tracings have been made of all the above plans.

Assessment lists and plans have been completed for sewers and appurtenances as follows:

One Hundred and Seventieth street, between Webster and Washington avenues, with branches; One Hundred and Fifty-second street, from Railroad to Courtlandt avenue, with branches; One Hundred and Fifty-fifth street, from Morris avenue to the summit east; One Hundred and Forty-seventh street, from Brook to St. Ann's avenue, with branches; One Hundred and Fifty-fourth street, from Morris avenue to a point 445 feet west of Courtlandt avenue; One Hundred and Fiftieth street, from Railroad avenue, East, to Courtlandt avenue; One Hundred and Fifty-third street, from Morris to Courtlandt avenue, making seven assessment lists, with an aggregate frontage of 28,227 linear feet.

There were twelve surveys made during the quarter as follows:

## REGULATING, GRADING, ETC.

One Hundred and Fifty-seventh street, from Third avenue to Railroad avenue, East; Birch street, from Wolf street to Marcher avenue; Railroad avenue, West, from Morris avenue to One Hundred and Sixty-fifth street; One Hundred and Fifty-fifth street, from Third to Elton avenue; German place, from Westchester avenue to One Hundred and Fifty-sixth street; Southern Boulevard, from Home street to Hunt's Point road.

## REGULATING, GRADING AND PAVING.

One Hundred and Forty-first street.

## REGULATING AND PAVING.

One Hundred and Fifty-fourth street, from Courtlandt to Morris avenue; One Hundred and Fifty-sixth street, from Third to Elton avenue; One Hundred and Fifty-eighth street, from Third to Elton avenue; One Hundred and Thirty-fourth street, from Third avenue to a point 200 feet west.

## MISCELLANEOUS.

Rebuilding retaining wall, between Brook and Third avenue.

There have been thirty-two specifications made during the quarter, as follows:

## REGULATING, GRADING, ETC.

Wales avenue, from St. Joseph's street to Westchester avenue; One Hundred and Fifty-seventh street, from Third avenue to Railroad avenue, East; One Hundred and Thirty-fourth street, from the Southern Boulevard to East river; One Hundred and Thirty-sixth street, from the Southern Boulevard to Locust avenue; One Hundred and Thirty-second street, from Locust avenue to Brook avenue; Railroad avenue, West, from Morris avenue to One Hundred and Sixty-fifth street; German place, from Westchester avenue to One Hundred and Fifty-sixth street; Birch street, from Wolf street to Marcher avenue; George street, from Boston avenue to Prospect avenue; One Hundred and Thirty-fifth street, from the Southern Boulevard to Locust avenue; One Hundred and Thirty-third street, from Locust to Trinity avenue; Southern Boulevard, from Home street to Hunt's Point road; One Hundred and Fifty-fifth street, from Third to Elton avenue.

## REGULATING AND PAVING.

One Hundred and Fifty-fourth street, from Courtlandt to Morris avenue; One Hundred and Forty-first street, from Alexander to Willis avenue; One Hundred and Fifty-sixth street, from Third to Elton avenue; One Hundred and Fifty-eighth street, from Third to Elton avenue.

## CURBING, FLAGGING AND CROSSWALKS.

Riverview terrace, from Sedgwick avenue to a point 558 feet from Sedgwick avenue.

## SEWERS.

Melrose avenue, between One Hundred and Sixtieth and One Hundred and Sixty-second streets, and in Courtlandt avenue, between One Hundred and Fifty-fourth and One Hundred and Sixty-first streets, and in Railroad avenue, East, between One Hundred and Fifty-eighth and One Hundred and Sixty-first streets, and in One Hundred and Fifty-fifth street, between Courtlandt avenue and summit west of Courtlandt avenue, and in One Hundred and Fifty-seventh street, between Courtlandt avenue and Railroad avenue, East, and in One Hundred and Fifty-eighth street, between Courtlandt avenue and Railroad avenue, East, and in One Hundred and Fifty-ninth street, between Courtlandt avenue and Railroad avenue, East, and in One Hundred and Sixtieth street, between Elton avenue and Railroad avenue, East, and in One Hundred and Sixty-first street, between Elton avenue and Railroad avenue, East.

Melrose avenue, between One Hundred and Sixtieth and One Hundred and Fifty-sixth streets, with branches in One Hundred and Fifty-seventh, One Hundred and Fifty-eighth and One Hundred and Fifty-ninth streets, between Elton and Courtlandt avenues.

Melrose avenue, between One Hundred and Fifty-fourth and One Hundred and Fifty-sixth streets, with branches in One Hundred and Fifty-fifth street, east and west of Melrose avenue.

Branch sewer in Melrose avenue, between Third avenue and One Hundred and Fifty-fourth street; receiving-basin in Webster avenue, between One Hundred and Sixty-fifth and One Hundred and Seventy-third streets; German place, between John and One Hundred and Fifty-sixth streets; George street, from Boston road to Forest avenue; St. Ann's avenue, from the Southern Boulevard to One Hundred and Thirty-fourth street; Third avenue, from One Hundred and Fifty-eighth street to Port Morris Branch Railroad, with branch in One Hundred and Fifty-ninth street, etc.; One Hundred and Sixtieth street, from Washington to Elton avenue; Fulton avenue and Spring place, etc., from Third avenue to One Hundred and Sixty-eighth street; Franklin avenue, from Third avenue to One Hundred and Sixty-seventh street, and in One Hundred and Sixty-seventh street, from Franklin avenue to Boston road; One Hundred and Sixty-eighth street, from Washington avenue to Boston road, etc.; Locust avenue, from One Hundred and Thirty-sixth to One Hundred and Thirty-eighth street; Franklin avenue, from One Hundred and Sixty-seventh to One Hundred and Sixty-eighth street; receiving-basin at Sherman avenue and One Hundred and Sixty-first street.

## Statement of Work under Contract in Bureau of Construction on the 31st day of December, 1891.

LOCATION OF WORK.	CONTRACTOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
Regulating, Grading, Paving, Curbing, Flagging, etc.			Days.					
Gerard avenue, One Hundred and Thirty-eighth street to Jerome avenue .....	Del Genovese and Towle .....	Thomas F. Coleman .....	700	\$112,880 00	\$27,500 40	\$8,250 12	\$19,250 28	
Third avenue, line of Twenty-third and Twenty-fourth Wards to Pelham avenue .....	Ailston, Gerry & Co. ....	H. F. Metz .....	500	85,338 00	91,440 00	27,432 00	64,008 00	
One Hundred and Forty-seventh street, Willis to Brook avenue .....	B. C. Murray .....	C. A. Lovejoy .....	170	10,278 00	9,427 87	205 00	9,221 87	Under 6 months' repairs.
Boston avenue, One Hundred and Sixty-seventh to Jefferson street .....	William J. Clark .....	J. Nimphius, Jr. ....	100	31,473 00	29,952 36	.....	29,952 36	
One Hundred and Sixty-first street, Third to Gerard avenue .....	M. J. Leahy .....	Patrick O'Brien .....	300	64,721 00	64,727 00	19,418 10	45,308 90	
One Hundred and Forty-fifth street, Third to St. Ann's avenue .....	A. E. Moran .....	James Moore .....	70	3,150 50	4,429 34	464 75	3,964 59	Under 6 months' repairs.
Vanderbilt avenue, One Hundred and Sixty-fifth to One Hundred and Seventieth street .....	P. V. Murray .....	R. McParlan .....	100	17,310 20	16,260 90	4,878 27	11,382 63	
One Hundred and Thirty-eighth street, St. Ann's to Trinity avenue .....	James Pollock .....	F. Fosket .....	90	12,375 00	11,974 95	.....	11,974 95	
One Hundred and Sixtieth street, Washington to Railroad avenue, East .....	B. C. Murray .....	W. L. Sanford .....	100	8,180 80	8,024 75	382 18	7,642 57	Under 6 months' repairs.
One Hundred and Sixty-ninth street, New York and Harlem Railroad to Webster avenue .....	F. Bohmer, Jr. ....	A. A. Blackman .....	60	3,738 00	4,172 56	85 00	4,087 56	Under 6 months' repairs.
One Hundred and Sixty-ninth street, New York and Harlem Railroad to Franklin avenue .....	William Kelly .....	J. J. Murtha .....	80	12,675 00	12,138 46	433 60	11,684 86	Under 6 months' repairs.
One Hundred and Seventieth street, between Webster and Third avenues .....	Handibode & Cattabery .....	Charles Meyers .....	120	8,344 75	8,213 94	240 00	7,973 94	Under 6 months' repairs.
Jennings street, from Union to Stebbins avenue .....	Handibode & Cattabery .....	John E. Hock .....	100	7,585 00	7,273 27	305 90	6,967 37	Under 6 months' repairs.
Webster avenue, between One Hundred and Seventy-third and One Hundred and Eighty-fourth streets .....	Edward N. Lynch .....	T. G. Enes .....	400	85,930 00	27,300 00	8,190 00	19,110 00	
One Hundred and Forty-fifth street, Third to St. Ann's avenue .....	Henry B. Towle .....	Joseph Moore .....	90	13,087 80	12,719 21	1,130 00	11,589 21	Under 6 months' repairs.
One Hundred and Forty-ninth street, Railroad avenue, East, and Morris avenue .....	Gaffney & Marsich .....	D. Crimmins .....	120	16,833 50	18,393 74	707 00	17,685 74	Under 6 months' repairs.
Morris avenue, between One Hundred and Fifty-third and One Hundred and Fifty-sixth streets .....	Thomas J. Gillis .....	James Owens .....	100	5,825 00	5,439 55	183 36	5,256 19	Under 6 months' repairs.
Lincoln avenue, Southern Boulevard to Harlem river .....	A. E. Moran .....	J. R. Kennedy .....	40	8,422 00	8,168 55	241 00	7,927 55	Under 6 months' repairs.
One Hundred and Fifty-fourth street, between Third and Courtlandt avenues .....	William J. Clark .....	F. Fosket .....	60	5,912 50	5,700 12	330 60	5,369 52	Under 6 months' repairs.
Westchester avenue, Prospect avenue to Southern Boulevard .....	Francis C. Hopkins .....	F. C. Humphreys .....	125	11,641 25	9,260 00	2,778 00	6,482 00	



LOCATION OF WORK.	CONTRACTOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
			Days.					
One Hundred and Forty-ninth street, Third to Morris avenue.....	John White.....	Henry J. Koehler.....	90	\$8,733 00	\$8,505 38	\$691 00	\$7,814 38	Under 6 months' repairs.
One Hundred and Forty-ninth street, Robbins avenue to Southern Boulevard.....	James Pollock.....	J. Nimphius, Jr.....	75	14,597 50	14,464 25	849 60	13,614 65	Under 6 months' repairs.
One Hundred and Fifty-first street, between Courtlandt and Railroad avenues, East.....	William J. Kelly.....	John J. O'Brien.....	90	9,722 00	9,482 00	2,344 60	6,637 40	
One Hundred and Fiftieth street, between Third and Courtlandt avenues.....	Andrew Low.....	James Moore.....	75	7,175 00	7,198 50	341 50	6,857 00	Under 6 months' repairs.
One Hundred and Fifty-sixth street, between Third and S. Ann's avenues.....	Andrew Low.....	A. A. Blackman.....	100	6,220 25	4,601 00	1,380 30	3,220 70	
Bristow street, Stebbins avenue to Boston road.....	M. J. Leahy.....	James Ovens.....	100	6,429 93	6,243 89	260 59	5,983 30	Under 6 months' repairs.
Devoe street, Ogden to Bremer avenue.....	Charles W. Collins.....	C. J. Kinsley.....	75	5,120 40	5,167 40	1,550 22	3,617 18	
One Hundred and Fifty-fifth street, Courtlandt to Railroad avenue.....	John Kenney.....	J. F. McNally.....	50	3,332 25	3,779 58	233 50	3,546 08	Under 6 months' repairs.
One Hundred and Thirty-ninth street, Willis to St. Ann's avenue.....	Rafael Wood.....	G. T. Sherwood.....	75	6,663 50	5,350 00	1,617 00	3,773 00	
One Hundred and Forty-fifth street, Third avenue to One Hundred and Forty-sixth street.....	Del Genovese & Towle.....	James Moore.....	40	5,410 25	5,233 61	344 50	4,889 11	Under 6 months' repairs.
One Hundred and Forty-seventh street, Brook to St. Ann's avenue.....	Andrew Low.....	J. H. McGraw.....	30	1,776 70	1,686 70	131 10	1,555 60	Under 6 months' repairs.
Boston avenue, north side, Jefferson street to Tremont avenue.....	Andrew Low.....	J. R. Stoltzenberger.....	100	9,327 75				
Chisholm street, Jennings street to Stebbins avenue.....	W. F. Murray.....	J. B. Ramsey.....	125	11,477 73	2,625 00	607 50	1,417 50	
One Hundred and Sixty-ninth street, Franklin avenue to One Hundred and Sixty-seventh street.....	M. J. Leahy.....	T. Hilibrandt.....	250	35,569 00	8,939 00	2,681 70	6,257 30	
Brook avenue, One Hundred and Thirty-second street to One Hundred and Fifty-sixth street.....	William Kelly.....	John Nimphius, Jr.....	150	87,241 00	72,634 00	23,650 20	55,043 80	
One Hundred and Fifty-fourth street, Courtlandt to Morris avenue.....	Charles W. Collins.....	A. A. Blackman.....	40	2,955 80	2,962 57	226 00	2,736 57	Under 6 months' repairs.
One Hundred and Thirty-eighth street, between Rider and Railroad avenues.....	Charles W. Collins.....	William Roach.....	60	3,938 25				
One Hundred and Sixty-seventh street, Vanderbilt to Third avenue.....	Thomas J. Reilly.....	Michael B. Chambers.....	60	2,930 40				
Hampden street, Sedgwick to Jerome avenue.....	W. F. Murray.....	W. H. Seimes.....	160	19,689 75	5,521 50	1,656 45	3,865 05	
One Hundred and Seventieth street, Third to Franklin avenue.....	M. J. Leahy.....	John E. Hock.....	75	3,197 00				
Brook avenue, One Hundred and Sixty-fifth street to Third avenue.....	Clark & Blendenman.....	A. McCarty.....	60	7,242 25	6,455 00	1,226 50	4,518 50	
One Hundred and Thirty-eighth street, Railroad avenue to Madison Avenue Bridge.....	F. Bohmer, Jr.....	C. S. Graves.....	75	9,795 25				
Morris avenue, One Hundred and Forty-eighth to One Hundred and Fifty-second street.....	James Pollock.....	James Moore.....	40	10,657 80	7,455 56	2,236 67	5,218 89	
Morris avenue, One Hundred and Thirty-ninth to One Hundred and Fortieth street.....	James Pollock.....	J. R. Kennedy.....	25	6,906 20	6,830 67	277 39	6,553 28	Under 6 months' repairs.
One Hundred and Forty-third street, Third avenue to One Hundred and Forty-fourth street.....	F. Thilemann, Jr.....	F. Fosket.....	40	7,021 75	4,538 50	1,361 55	3,176 95	
One Hundred and Sixty-third street, Brook to Third avenue.....	F. Thilemann, Jr.....	J. T. McNally.....	60	5,303 00				
One Hundred and Seventy-third street, between New York and Harlem Railroad and Weeks street.....	R. McLaughlin.....	Charles Meyers.....	125	17,484 80	3,631 00	1,089 30	2,541 70	
One Hundred and Thirty-fourth street, Brook avenue to Southern Boulevard.....	M. Baird.....	J. J. Murtha.....	40	8,293 40	8,129 20	2,438 76	5,690 44	
College avenue, Morris avenue to One Hundred and Forty-sixth street.....	John Kenney.....	James A. Dooley.....	30	2,851 42				
One Hundred and Thirty-eighth street, Southern Boulevard to Locust avenue.....	L. E. De La Vergne.....	William Roach.....	75	9,125 50	4,671 25	1,401 38	3,269 87	
One Hundred and Seventy-third street, Third to Vanderbilt avenue.....	P. Handibode, Jr.....	James Marvin.....	50	3,841 50				
One Hundred and Thirty-fifth street, Brook to Cypress avenue.....	John White.....	H. J. Koehler.....	50	8,897 00	5,203 80	1,561 14	3,642 66	
One Hundred and Fifty-third street, Third to Courtlandt avenue.....	William J. Kelly.....	J. J. O'Brien.....	40	5,304 53	3,729 60	1,118 88	2,610 72	
One Hundred and Forty-ninth street, New York Central and Hudson River Railroad to Mott avenue.....	F. Thilemann, Jr.....	James Moore.....	25	3,762 50				
Juliet street, Mott to Walton avenue.....	William G. Leeson.....	James Ovens.....	150	10,367 14				
One Hundred and Forty-sixth street, Third avenue to Railroad avenue, East.....	William G. Leeson.....	Asa F. Miller.....	75	10,800 25				
One Hundred and Fifty-second street, Courtlandt to Railroad avenue.....	Charles W. Collins.....	F. C. Humphreys.....	60	7,552 50				
One Hundred and Eighty-fourth street, Jerome to Vanderbilt avenue.....	P. Handibode, Jr.....	R. Danfield, Jr.....	200	36,223 75				
Burnside avenue, Sedgwick to Webster avenue.....	C. W. Collins.....	Michael B. Chambers.....	400	83,646 00				
<i>Sewers.</i>								
One Hundred and Thirty-eighth street, Long Island Sound to Trinity avenue.....	C. W. Collins.....	William M. Myers.....	125	29,693 75	36,249 50	1,451 43	34,798 07	Under 6 months' repairs.
Burnside avenue, Webster to Creston avenue.....	J. W. O'Grady.....	P. H. Lydon.....	100	18,507 40	14,442 50	4,332 75	10,109 75	
Bungay street, Wetmore avenue to One Hundred and Forty-ninth street, etc.....	John Curran & Co.....	Martin Haugh.....	800	140,092 50	106,440 67	31,932 30	74,508 37	
One Hundred and Fifty-second street, Railroad to Courtlandt avenue.....	Montgomery & Pease.....	James C. Woodward.....	125	16,393 50	9,378 32	1,449 20	7,929 12	Under 6 months' repairs.
One Hundred and Forty-seventh street, Brook to St. Ann's avenue.....	Leslie & Co.....	James C. Dooley.....	40	3,063 00	2,963 65	350 24	2,613 41	Under 6 months' repairs.
One Hundred and Forty-sixth street, Railroad to Morris avenue.....	Leslie & Co.....	D. F. McCort.....	90	5,972 50	5,572 01	297 74	5,274 27	Under 6 months' repairs.
Tinton avenue and branches.....	F. Thilemann, Jr.....	Thomas F. Whittle.....	400	137,853 50	82,944 28	24,883 28	58,061 00	
One Hundred and Fifty-third street, Morris to Courtlandt avenue.....	John A. Devlin.....	John Boyle.....	80	3,623 50	3,156 64		3,156 64	
One Hundred and Fifty-fifth street, Morris to Courtlandt avenue.....	McLaughlin & McGrath.....	R. Montgomery.....	40	1,490 00	1,320 78	136 47	1,184 31	Under 6 months' repairs.
One Hundred and Sixty-fifth street, Washington to Elton avenue.....	M. J. Leahy.....	Matthias Chambers.....	150	10,964 70	9,019 29	369 16	8,650 13	Under 6 months' repairs.
One Hundred and Fiftieth street, Railroad to Courtlandt avenue.....	M. J. Leahy.....	P. H. Lydon.....	80	5,386 00	4,951 11	443 10	4,511 01	Under 6 months' repairs.
One Hundred and Fifty-eighth street, Third to Elton avenue.....	Handibode & Cattabery.....	J. C. Woodward.....	60	3,645 00	3,482 99	137 57	3,345 42	Under 6 months' repairs.
One Hundred and Forty-third street, Brook to St. Ann's avenue.....	M. J. Leahy.....	Charles Baxter.....	100	6,117 50	5,321 13	283 31	5,037 82	Under 6 months' repairs.
One Hundred and Seventy-third street, New York and Harlem Railroad and Anthony avenue.....	Thomas J. Gillis.....	T. W. Whittle.....	60	5,604 25	5,232 66	255 41	4,977 25	Under 6 months' repairs.
One Hundred and Fifty-fourth street, Morris and Courtlandt avenues.....	Thomas J. Gillis.....	P. J. Baine.....	40	1,738 20	1,358 35		1,358 35	Completed.
One Hundred and Forty-seventh street and Third avenue.....	John E. Baxendale.....	P. J. Baine.....	50	2,001 25	1,915 70	139 59	1,806 11	Under 6 months' repairs.
German place, Westchester avenue to One Hundred and Fifty-sixth street, etc.....	Fox & Leebeker.....	P. J. Baine.....	40	4,221 85	3,876 33	489 43	3,386 90	Under 6 months' repairs.
Locust avenue, One Hundred and Thirty-ninth to One Hundred and Forty-first street.....	J. H. Kerrigan.....	C. H. Baxter.....	60	1,688 00	1,756 53	156 28	1,600 25	Under 6 months' repairs.
Wales avenue, One Hundred and Forty-ninth to Kelly street.....	David Ryan.....	H. J. McGough.....	120	6,277 00				
Southern Boulevard, Willis avenue to Summit east.....	J. A. Devlin.....	P. J. Baine.....	80	3,208 30				
One Hundred and Thirty-second street, Brook to Trinity avenue.....	F. Padula.....	C. H. Baxter.....	115	6,916 25	3,944 16	913 25	2,130 91	
One Hundred and Seventieth street, Third to Washington avenue.....	M. Lipps.....	Matthias Chambers.....	70	2,660 74				
Southern Boulevard, Brook avenue to One Hundred and Thirty-seventh street.....	M. J. Leahy.....	E. S. Lord.....	125	29,474 75				
Southern Boulevard, One Hundred and Thirty-seventh to One Hundred and Thirty-eighth street.....	J. A. Devlin.....	J. J. Treaney.....	80	3,083 00				
John street, Brook to Eagle avenue.....	M. L. Brosnan.....		150	12,049 31				Work not commenced.
One Hundred and Forty-second street, Brook to St. Ann's avenue.....	M. L. Brosnan.....		90	3,436 61				Work not commenced.
<i>Commissioner's Orders.</i>								
One Hundred and Seventieth street and Vanderbilt avenue, receiving-basins.....	Kirby & Rogers.....	H. L. Stoker.....	20	130 00	130 00		130 00	
Third and Pelham avenues, southeast corner, manhole.....	Charles Jones.....		20	310 00	371 05		371 05	
Mott avenue, near One Hundred and Fifty-sixth street, retaining-wall.....	R. McLaughlin.....		20	276 00	240 72		240 72	
Jennings street, Union to Stebbins avenue, crosswalks.....	B. C. Murray.....	James Marvin.....	20	401 20	401 20		401 20	
Bristow street, Boston to Stebbins avenue, crosswalks.....	B. C. Murray.....	John C. Dooley.....	10	227 50	226 46		226 46	
Chisholm street, Jennings street to Stebbins avenue, crosswalks.....	B. C. Murray.....		10	208 32				Work not commenced.
Jerome avenue, north of Highbridge road, crosswalks.....	B. C. Murray.....	J. J. Murtha.....	10	195 00	180 90		180 90	
Rose street, Bergen to Third avenue, sewer.....	Charles Jones.....	D. T. McCort.....	30	597 50	556 44	53 26	503 18	Under 6 months' repairs.
One Hundred and Forty-ninth street, New York Central & Hudson River Railroad to Mott avenue, receiving-basin.....	M. J. Leahy.....	E. S. Lord.....	25	571 25	571 25	16 65	554 60	Under 6 months' repairs.
One Hundred and Fifty-third street, Morris to Railroad avenue, East, sewer.....	M. J. Leahy.....	H. J. McGough.....	40	670 00	670 00	83 37	586 63	Under 6 months' repairs.
St. Ann's avenue, Southern Boulevard to One Hundred and Thirty-fourth street, sewer.....	Charles Jones.....	J. Southworth.....	18	520 00	464 41		464 41	

LOCATION OF WORK.	CONTRACTOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
One Hundred and Fifty-fifth street, Third to Elton avenue, regulating, grading, etc.	F. Bohmer, Jr.	C. A. Lovejoy	Days.					
One Hundred and Thirty-eighth street, Railroad avenue to Madison Avenue Bridge, crosswalks	F. Bohmer, Jr.		20	\$839 00				
Brook avenue, near Third avenue, retaining-wall	M. J. Leahy		15	997 50				Work not commenced.
			20	350 00				
<i>Cleaning Sewer.</i>								
Brook avenue, Bronx Kills to Harlem river	E. N. Lynch		120	7,500 00				Work not commenced.
Broken trap-rock, stone and screenings furnished and delivered	Brown & Fleming		Until Nov. 20, 1891.	26,010 00	\$13,217 81		\$13,217 81	
Total				\$4,531,569 23	\$922,485 99	\$196,339 59	\$726,145 99	

## GAS MAINS AND CONNECTIONS.

Openings have been made at the following places throughout the Twenty-third and Twenty-fourth Wards during the quarter ending December 31, 1891:

No. 530 Morris avenue; No. 772 Courtlandt avenue; No. 508 Morris avenue; One Hundred and Sixty-third street, 100 feet east of Fleetwood avenue; east side Washington avenue, south of One Hundred and Seventy-seventh street; One Hundred and Seventy-first street and Washington avenue; Jennings street, between Union and Prospect avenues; One Hundred and Sixty-eighth street and Vanderbilt avenue; Nos. 468 and 470 Morris avenue; Nos. 906 and 908 Union avenue; Nos. 807 and 809 East One Hundred and Forty-ninth street; Depot place, Highbridge; Sedgwick avenue, 100 feet west of Jerome avenue; Webster avenue, from One Hundred and Sixty-ninth street to Ward line; No. 772 Courtlandt avenue; One Hundred and Seventy-seventh street and Bathgate avenue; Davidson avenue and Highbridge road; west side of Westchester avenue, between Intervale avenue and the Southern Boulevard; Nos. 511 and 513 East One Hundred and Thirty-seventh street; No. 545 East One Hundred and Forty-third street; No. 507 East One Hundred and Forty-second street; No. 601 East One Hundred and Forty-fourth street; Home street and Intervale avenue; No. 2667 Third avenue; Sedgwick avenue near Jerome avenue; Jennings street near Union avenue; Suburban street, between Anthony and Bainbridge avenues; south side One Hundred and Thirty-ninth street, 200 feet east of Willis avenue; Lind avenue and Devoe street; One Hundred and Forty-ninth street, east of Brook avenue; One Hundred and Forty-ninth street, between Morris and Railroad avenues; Southern Boulevard, between Leggett's lane and Home street; No. 605 East One Hundred and Sixty-second street; No. 506 East One Hundred and Fifty-fourth street; No. 1028 East One Hundred and Thirty-eighth street; No. 12 Stebbins avenue; No. 499 East One Hundred and Forty-sixth street; No. 544 East One Hundred and Fortieth street; No. 2410 Third avenue; One Hundred and Sixty-ninth street and Walton avenue; One Hundred and Sixty-fifth street and Tinton avenue; No. 580 East One Hundred and Fiftieth street; Nos. 378 and 380 College avenue; Washington avenue and One Hundred and Eighty-fourth street; Third avenue and One Hundred and Seventy-eighth street; One Hundred and Seventy-seventh street, near Third avenue; Washington avenue, between One Hundred and Seventy-third and One Hundred and Seventy-fourth streets; Washington avenue, near One Hundred and Seventy-fourth street; McComb's Dam road, north of Jerome avenue; No. 1377 Washington avenue; Webster avenue and Anna place; One Hundred and Fifty-fourth street and Morris avenue; No. 857 Union avenue; No. 2080 Third avenue; No. 2794 Third avenue; Third avenue and One Hundred and Thirty-fourth street; No. 2806 Third avenue; west side Third avenue, north of One Hundred and Sixty-sixth street; No. 669 East One Hundred and Fifty-seventh street; No. 1235 Fulton avenue; Third avenue, between One Hundred and Seventy-first and One Hundred and Seventy-second streets; Pelham avenue, north of Washington avenue; Brook avenue, between One Hundred and Thirty-second and One Hundred and Thirty-eighth streets; Nos. 555, 557 and 559 Walton avenue; One Hundred and Forty-ninth street and Third avenue; No. 1424 Washington avenue; One Hundred and Sixty-fifth street, 5 feet east of Forest avenue; No. 804 Forest avenue; No. 580 East One Hundred and Forty-fifth street; No. 2783 Third avenue; One Hundred and Fifty-sixth street and St. Ann's avenue; No. 678 East One Hundred and Forty-second street; No. 907 Courtlandt avenue; No. 602 East One Hundred and Sixty-first street; No. 700 East One Hundred and Thirty-ninth street; No. 624 East One Hundred and Forty-fifth street; No. 550 East One Hundred and Forty-fifth street; No. 525 Tinton avenue; west side Spuyten Duyvil Parkway, north of Sydney street; Southern Boulevard, from Pelham avenue to Egbert street; No. 681 Morris avenue; Brook avenue and One Hundred and Forty-fifth street; No. 725 East One Hundred and Sixty-third street; No. 669 East One Hundred and Sixty-first street; west side Jerome avenue, running north to Grand avenue, from old town line; east side Valentine avenue, between One Hundred and Eighty-second and One Hundred and Eighty-fourth streets; Third avenue and One Hundred and Sixty-second street; One Hundred and Sixty-seventh street, between Washington and Third avenues; No. 605 East One Hundred and Fortieth street; No. 3003 Third avenue; No. 2492 Third avenue; No. 726 East One Hundred and Thirty-ninth street; Stebbins avenue, near Home street; Nos. 718 and 724 East One Hundred and Thirty-ninth street; No. 907 Courtlandt avenue; No. 815 Union avenue; east side Valentine avenue and One Hundred and Eighty-fourth street; Jerome avenue, between St. James and Highbridge avenues; One Hundred and Thirty-eighth street and Railroad avenue; Forest and Westchester avenues; No. 783 East One Hundred and Sixty-third street; No. 532 East One Hundred and Fiftieth street; No. 555 East One Hundred and Fifty-third street; Nos. 882, 884, 886, 888 and 890 East One Hundred and Sixty-ninth street; Jerome avenue, between Highbridge avenue and Fordham Landing road; south side One Hundred and Thirty-eighth street, between Mott avenue and Canal; No. 2778 Third avenue; No. 2686 Third avenue; No. 485 East One Hundred and Thirty-fourth street; No. 619 East One Hundred and Forty-fifth street; No. 3343 Third avenue; west side Morris avenue, south of One Hundred and Sixty-second street; One Hundred and Sixty-first street and Sheridan avenue; Trinity avenue, north of One Hundred and Sixty-fifth street; One Hundred and Forty-sixth street and Walton avenue; southwest corner One Hundred and Sixty-first street and Forest avenue; St. Ann's avenue, between One Hundred and Thirty-eighth and One Hundred and Thirty-ninth streets; south side Hunt's Point road, from Southern Boulevard to Lafayette avenue; No. 369 Brook avenue; No. 3463 Third avenue; One Hundred and Sixty-eighth street and Vanderbilt avenue; Southern Boulevard and Webster avenue; Southern Boulevard, between Kingsbridge road and Pelham avenue; Weeks avenue and One Hundred and Seventy-third street; One Hundred and Seventy-sixth street and Fleetwood avenue; Mount Hope place, near Fleetwood avenue; One Hundred and Fifty-first street and River avenue; One Hundred and Sixty-ninth street and Lincoln avenue; No. 426 Willis avenue; Bristow street, between Boston and Stebbins avenue; No. 428 East One Hundred and Forty-eighth street; One Hundred and Fifty-second street, east of Morris avenue; southeast corner Southern Boulevard and Hunt's Point road; Lafayette avenue, north of Hunt's Point road; south side One Hundred and Thirty-eighth street, between Rider avenue and Canal; northeast corner One Hundred and Thirty-eighth street and Railroad avenue; Southern Boulevard, between Home street and Ward line; Valentine avenue, between One Hundred and Eighty-first and One Hundred and Eighty-fourth streets; One Hundred and Sixty-seventh street, between Third and Washington avenues; No. 872 East One Hundred and Thirty-eighth street; south side One Hundred and Seventieth street, 150 feet west of Washington avenue; west side Third avenue, between One Hundred and Sixty-sixth and One Hundred and Sixty-seventh streets; east side Vanderbilt avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets; No. 787 Courtlandt avenue; south side One Hundred and Forty-second street, 75 feet west of Third avenue; west side Railroad avenue, 200 feet north of One Hundred and Thirty-eighth street; west side Anthony avenue, between One Hundred and Eighty-first and One Hundred and Eighty-fourth streets; Bush street, near Anthony avenue; Travers street, near Bainbridge avenue; northwest corner One Hundred and Fifty-eighth street and Third avenue; No. 826 Tinton avenue; One Hundred and Sixty-third street and Tinton avenue; No. 787 Courtlandt avenue; Home street near Intervale avenue; One Hundred and Fifty-seventh street, west of Courtlandt avenue; Nos. 1242 and 1244 Vanderbilt avenue; Nos. 1262 and 1264 Vanderbilt avenue.

## TOPOGRAPHICAL OFFICE.

## I.—SURVEYING, LAYING-OUT, MAPS AND PLANS.

## 1. OFFICE WORK.

## "A."—Maps Forwarded for Adoption.

None.

## "B."—Maps Forwarded for Filing.

- Three copies of plan and profile showing change of lines of Osborne place, west of Loring place.
- Three copies of map or plan showing the change of the location of Dawson street, westerly of Prospect avenue, and the discontinuance of Hewitt place, from Robbins avenue to Prospect avenue.
- Three copies of plan and profile showing change of grade of Willow avenue, between Long Island Sound and East One Hundred and Thirty-eighth street.

## "C."—Calculations in Relation to Final Maps Completed during the Quarter.

Section 2 was completed.

Length of streets established, 85,379 feet, equal to	16.2 miles.
Length of bulkhead established, 7,182 feet, equal to	1.4 miles.
Number of blocks established	92
Number of monuments established	157
Tests examined for	34 monuments.
Instruction sheets issued to field parties	25
Total area of section 2	514.6 acres.

## "D."—Drafting in Relation to Final Maps.

The plan and the copy of the same and the profiles for section 2 were completed. In various stages of completion are sections 3, 4, 5, 6, 7, 9, 11 and 15, drawn on a scale of 150 feet to one inch.

26 auxiliary maps were made in connection with section 2.

## 2. FIELD WORK.

## "A."—Relating to Final Maps.

Accurate measurements taken for monuments and lines	16,025 feet.
Number of monuments tested	34
Length of avenues and streets in which levels were taken	35,940 feet.
Number of buildings located	27

## "B."—Relating to Miscellaneous Matters.

- 15 monuments referenced on East One Hundred and Sixty-ninth street, from Franklin avenue to East One Hundred and Sixty-seventh street.
- 6 monuments referenced on Hampden street, from Sedgwick to Jerome avenue.
- 2 monuments referenced on Chisholm street at Stebbins avenue.
- 2 monuments referenced on East One Hundred and Thirty-eighth street at Mott avenue.
- 1 monument referenced on Bronx river road at city line.
- Making a total of 26 monuments referenced.
- 18 monument points were reset on East One Hundred and Sixty-first street, from Third to Gerard avenue.
- 4 monument points were reset on East One Hundred and Seventieth street, between Webster and Third avenues.
- 4 monument points were reset on Jennings street, from Union avenue to Bristow street.
- 19 monument points were reset on Third avenue, from the Twenty-third Ward line to Pelham avenue. Making a total of 45 monument points reset.

## II.—TAX MAPS.

Final calculations, examinations, searches and comparisons of surveys were completed in Volume 10 of the Twenty-fourth Ward, for 15 blocks, covering 667 properties or parcels containing 1,105 city lots. The drafting on bond paper of the office copies of 16 pages for the volume is in various stages of completion.

Auxiliary maps and blue prints relating to tax maps will be enumerated below under the head of drafting. 22 search sheets for Volumes XI. and XII. were brought up to date. The indexes to real estate transfers were kept up to date.

## III.—STREET OPENINGS.

Surveys, searches and calculations have been completed, and the results incorporated in the following maps, which have been forwarded.

## "A."—Rule Maps and Technical Descriptions of

- East One Hundred and Forty-fourth street, from River avenue to St. Ann's avenue.

## "B."—Draft Damage Maps.

- Independence avenue, from Spuyten Duyvil Parkway to Morrison street, embracing 7 plots, covering 30 224-1000 city lots.
- Boston avenue, from Bailey to Sedgwick avenue, embracing 48 plots, covering 40 316-1000 city lots.
- Welch street, from the New York and Harlem Railroad to Webster avenue, embracing 7 plots, covering 7 7544-10000 city lots.
- Extension of Pelham avenue westwardly to Webster avenue, embracing 10 plots, covering 9 96-100 city lots.
- Intervale avenue, from the Southern Boulevard to Wilkins place, embracing 17 plots, covering 209 8576-10000 city lots.

## "C."—Draft Benefit Maps.

None.

## "D."—Final Copies of Damage and Benefit Maps for Acquiring Title to

- Wolf street, from Union street to the Harlem river, comprising 12 maps.
- Featherbed lane, from Aqueduct to Jerome avenue, comprising 20 maps.
- Freeman street, from Union avenue to the Southern Boulevard, comprising 16 maps.

## "E."—Damage Maps Surveys.

None.

## "F."—Maps and Catalogues for Auction Sales of Buildings, etc., within the lines of

- Melrose avenue, from East One Hundred and Forty-ninth to East One Hundred and Sixty-third street, containing 68 numbers.
- John street, from St. Ann's to Eagle avenue.
- East One Hundred and Sixty-fifth street, from Union to Prospect avenue.
- East One Hundred and Seventy-second street, from Vanderbilt avenue, East, to Washington avenue.

## IV.—DRAFTING.

During the quarter the following maps were drawn:

25 maps relating to laying-out, adoption and filing of street and sewerage plans; 58 maps, etc., blue prints, relating to monumenting; 25 maps relating to tax maps; 68 maps relating to street opening matters (this does not include working drawings); 9 maps relating to miscellaneous subjects, making a total of 185 maps, aggregating 588 square feet.

Necessary repairs and improvements have been made to the following roads, streets and avenues in the Twenty-third and Twenty-fourth Wards, during the three months ending December 31, 1891:

## Earth Roads.

Repaired and Improved—	Square Feet.
Walton avenue, between One Hundred and Forty-ninth and One Hundred and Fifty-second streets	9,216
Daly avenue, north of One Hundred and Seventy-seventh street	13,600
First street, between Willard avenue and city line	48,750
Sedgwick avenue, between Union street and Depot place	1,116
Southern Boulevard, between Bainbridge and Hull avenue	50,000
Southern Boulevard, between One Hundred and Forty-ninth street and Westchester avenue	1,500
Jerome avenue, between McComb's Dam Bridge and Hull Hill	88,500
Woodruff avenue, between Southern Boulevard and Vineyard place	20,742
Tinton avenue, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets	9,000



Repaired and Improved—

	Square Feet.
Highbridge street, between Claremont avenue and McComb's Dam road	30,800
Cordova place, east Van Courtlandt avenue	21,250
McCombs street, near Broadway	9,750
Willard avenue, between Second street and city line	44,495
Lafayette avenue, between Hunt's Point and Springhurst road	13,600
Bond place, between Williams and Travers streets	19,375
Honeywell avenue, north One Hundred and Seventy-seventh street	32,000
Vanderbilt avenue, between One Hundred and Fifty-eighth and One Hundred and Eightieth streets	59,750
Third avenue, between Second and Third streets	15,750
Railroad avenue, between One Hundred and Thirty-eighth and One Hundred and Fifty-seventh streets	23,200
Riverdale avenue (sides), between Church street and Depot	60,750
St. Ann's avenue, between One Hundred and Forty-eighth and One Hundred and Forty-ninth streets	15,000
Opdyke street, between First street and Bronx River road	12,750
Summit avenue, between Bainbridge and Anthony avenues	36,000
McComb's Dam road, between One Hundred and Seventy-first street and Jerome avenue	15,000
Broadway (sides), between Depot place and Van Courtlandt avenue	291,432
Ogden avenue, between Jerome avenue and Highbridge School	15,400
Gray street, between Anthony avenue and Weeks street	300
Church street, between Broadway and Webber's lane	1,500
Fulton avenue, north of One Hundred and Seventy-eighth street	1,500
Simpson street, south of Home street	12,600
Undercliff street, between Sedgwick avenue and Williamsbridge	16,000
Olin avenue, between Perry avenue and Bronx river	21,700
Hull avenue, south of Olin avenue	18,000
Webster avenue, between Kingsbridge road and Southern Boulevard	32,450
Aqueduct avenue, near Washington Bridge	4,950
Intervale avenue, south of Home street	4,500
Barry street, between Lafayette street and Springhurst place	8,640
Taylor avenue, north of Kingsbridge road	12,600
Westchester avenue (sides), east of Southern Boulevard	3,600
Spytten Duyvil road	34,425
Cole street, between Webster and Marion avenue	18,000
Johnson avenue, near Independence avenue	3,000
Home street and Westchester avenue	300
Bettner's lane	312
Independence avenue and Spuyten Duyvil depot	36,750
Kingsbridge road and Independence avenue	15,000
Van Courtlandt avenue, near Jerome avenue	1,500
Bainbridge avenue, between Williams and Travers avenues	9,000
Springhurst road, between Hunt's Point road and Barry street	11,880
Fox street, north of Westchester avenue	1,250
Mapes avenue, north of Southern Boulevard	2,800
One Hundred and Thirty-fifth street, between Third and Alexander avenues	9,380
One Hundred and Thirty-sixth street, between Rider and Willis avenues	14,320
One Hundred and Thirty-seventh street, between Willis and Third avenues	9,800
One Hundred and Forty-first street, between Southern Boulevard and Willis avenue	16,400
One Hundred and Forty-third street, between Brook and St. Ann's avenues	6,000
One Hundred and Forty-fourth street, between Morris and Mott avenues	18,270
One Hundred and Fiftieth street, between Courtlandt and Morris avenues	39,000
One Hundred and Fifty-first street, between Courtlandt and Third avenues	18,000
One Hundred and Fifty-third street, between Third and Morris avenues	6,000
One Hundred and Fifty-sixth street, between Third and Courtlandt avenues	6,000
One Hundred and Fifty-eighth street, between Third and Courtlandt avenues	6,000
One Hundred and Sixty-fourth street, between Fleetwood and Morris avenues	7,350
One Hundred and Sixty-fifth street, between Gerard and Fleetwood avenues	18,900
One Hundred and Sixty-ninth street, between Gerard and Sheridan avenues	1,800
One Hundred and Seventy-seventh street, between Boston avenue and Southern Boulevard	900
Total	1,409,403

28,853 cubic yards of earth and stone filling have been used in repairs to earth roads. The material has been obtained free of charge, the expense of hauling was paid for by this department.

Macadam Roads.

	Square Feet
Morris avenue, between One Hundred and Eighty-third street, and Kingsbridge road	31,200
Vanderbilt avenue, West, between One Hundred and Seventy-fifth and One Hundred and Seventy-seventh streets	23,425
Vanderbilt avenue, East, between One Hundred and Seventy-sixth and One Hundred and Seventy-eighth streets	22,650
Vanderbilt avenue, East, between One Hundred and Sixty-seventh and One Hundred and Sixty-eighth streets	18,000
West approach to Fordham Depot	6,750
Union avenue, between Boston and Westchester avenues	85,488
Total	187,513

Old Macadam repaired—

	Square Feet.
Washington avenue, between One Hundred and Seventieth and One Hundred and Seventy-seventh streets	114,576
One Hundred and Seventy-seventh street, between Washington and Vanderbilt avenues	22,500
Intersection of Washington and Third avenues	6,400
Webster avenue and Kingsbridge road	3,125
East approach to Fordham Depot	19,250
Kingsbridge road and Spuyten Duyvil	10,800
Independence avenue	21,600
Broadway, between Depot place and Webber's lane	21,675
Riverdale avenue, between Depot place and Church street	11,050
Depot place and Bailey avenue	10,500
Westchester avenue, between Southern Boulevard and drawbridge	47,800
Intersection of Southern Boulevard and Westchester avenue	12,000
Spuyten Duyvil road	27,300
Total	328,576

Bottom Stone Laid.

	Square Feet.
Union avenue, between One Hundred and Sixty-first street and Westchester avenue	32,800
Vanderbilt avenue, East, between One Hundred and Seventy-sixth and One Hundred and Seventy-seventh streets	9,380
One Hundred and Seventy-seventh street, west of Third avenue	4,800
Total	46,980

Gutters.

	Linear Feet.
Daly avenue, north of One Hundred and Seventy-seventh street	1,600
First street, between Willard avenue and city line	3,250
Courtlandt avenue, between One Hundred and Sixty-first and One Hundred and Fifty-sixth streets	3,250
Riverdale avenue, between Church street and Depot place	1,272
Tinton avenue, between One Hundred and Forty-fifth and One Hundred and Sixty-third streets	3,800
Broadway, between Church street and Webber's lane	1,650
Orchard street, between Ogden and Bremer avenues	1,600
Elton avenue, between One Hundred and Fifty-third and One Hundred and Sixty-second streets	4,050
Eagle avenue, between One Hundred and Sixty-first and One Hundred and Sixty-third streets	120
Lafontaine avenue and One Hundred and Seventy-eighth street	800
Brown place and One Hundred and Thirty-fourth street	100
McComb's street and Bailey avenue	400

Gutters opened—

	Linear Feet.
Highbridge street and McComb's Dam road	2,800
St. Ann's avenue, between One Hundred and Thirty-fourth and One Hundred and Forty-ninth streets	3,425
Morris avenue, between One Hundred and Fortieth and One Hundred and Sixty-first streets	8,150
Morris avenue, between One Hundred and Eighty-third and One Hundred and Eighty-fourth streets	400
Bainbridge avenue, between Travers and Rockfield streets	1,800
Robbins avenue, between One Hundred and Forty-ninth and One Hundred and Fifty-first streets	1,800
Southern Boulevard, between One Hundred and Forty-ninth street and Westchester avenue	1,020
Southern Boulevard, between Bainbridge and Hull avenues	2,500
Jerome avenue, north of McComb's Dam Bridge	5,550
One Hundred and Thirty-fourth street, between Alexander avenue and Brown place	2,400
One Hundred and Thirty-fifth street, between Third avenue and Brown place	3,175
One Hundred and Thirty-sixth street, between Rider avenue and Brown place	2,900
One Hundred and Thirty-seventh street, between Third and Rider avenues	3,200
One Hundred and Forty-first street, between Willis avenue and Southern Boulevard	1,550
One Hundred and Forty-second street, between St. Ann's and Rider avenues	1,350
One Hundred and Forty-third street, between St. Ann's and Brook avenues	600
One Hundred and Forty-fourth street, between Willis and St. Ann's avenues	1,700
One Hundred and Forty-seventh street, between Tinton and Beach avenues	600
One Hundred and Forty-eighth street, between Railroad and Courtlandt avenues	8,450
One Hundred and Forty-ninth street, between Robbins and Tinton avenues	800
One Hundred and Fiftieth street, between Robbins and Tinton avenues	1,000
One Hundred and Fifty-first street, between Robbins and Tinton avenues	1,830
One Hundred and Fifty-second street, between Courtlandt and Morris avenues	400
One Hundred and Fifty-third street, between Third and Railroad avenues	3,600
One Hundred and Fifty-fifth street, between Courtlandt and Elton avenues	3,200
One Hundred and Fifty-sixth street, between St. Ann's and Railroad avenues	5,500
One Hundred and Fifty-seventh street, between Elton and Railroad avenues	3,000
One Hundred and Fifty-eighth street, between Railroad and Third avenues	4,000
One Hundred and Sixty-first street, between Tinton and Forest avenues	790
One Hundred and Sixty-fourth street, between Fleetwood and Morris avenues	2,350
One Hundred and Sixty-fifth street, between Jerome and Fleetwood avenues	1,500
One Hundred and Sixty-sixth street, between Jerome and Fleetwood avenues	200
One Hundred and Sixty-ninth street, between Sheridan and Gerard avenues	1,180
One Hundred and Seventy-third street and Jerome avenue	400
One Hundred and Seventy-fifth street and Webster avenue	200
One Hundred and Seventy-seventh street, between Anthony and Prospect avenues	2,500
One Hundred and Seventy-eighth street and Vanderbilt avenue	200
Cypress avenue, between One Hundred and Forty-seventh and One Hundred and Forty-ninth streets	1,140
Union avenue, between Home street and Westchester avenue	675
Beach avenue, between One Hundred and Forty-seventh street and Southern Boulevard	1,200
Railroad avenue, between One Hundred and Forty-sixth and One Hundred and Sixty-first streets	1,100
Washington avenue, between One Hundred and Sixty-first and One Hundred and Seventy-seventh streets	680
Walton avenue, between One Hundred and Forty-ninth and One Hundred and Fifty-second streets	6,420
Honeywell avenue, north of One Hundred and Seventy-seventh street	2,500
Pond place, between Williams and Travers streets	1,200
Home street, between Boston avenue and Fox street	700
McComb's Dam road and Jerome avenue	1,500
Gray street, between Weeks street and Anthony avenue	1,200
Church street and Webber's lane	200
Undercliff and Sedgwick avenues	1,600
Depot place, between Broadway and Bailey avenue	1,000
Fulton avenue, north of One Hundred and Seventy-eighth street	500
Opdyke street and Bronx river	850
Gerard avenue and One Hundred and Forty-ninth street	225
Third avenue, between Second and Third streets	1,050
Claremont avenue and Devos street	2,000
Vanderbilt avenue, north of One Hundred and Eightieth street	975
Summit avenue, between Bainbridge and Anthony avenues	2,100
Woodruff avenue, west of Southern Boulevard	2,022
Olin avenue, between Perry avenue and Bronx river	1,450
Cordova place, east of Van Courtlandt avenue	1,400
Ogden avenue, between Jerome avenue and School	2,100
Taylor avenue, north of Kingsbridge road	1,200
Webster avenue, between One Hundred and Eighty-fourth street and Southern Boulevard	2,900
Willard avenue and Second street	1,350
Westchester avenue, between Southern Boulevard and Prospect avenue	6,000
Highbridge road and Fordham depot	1,400
Kingsbridge road, between Jerome avenue and Highbridge road	3,840
Cole street and Webster avenue	1,200
Spuyten Duyvil road	1,006
Independence avenue and Spuyten Duyvil Hill	225
Aqueduct avenue, between Ogden and Washington avenues	1,300
Creston avenue and Highbridge road	200
Denman place and Forest avenue	500
Arthur avenue and Kingsbridge road	500
Total	165,320

Curb and Gutter Stones.

	Linear Feet.
Reset and repaired—	
One Hundred and Fifty-fifth street, between Courtlandt and Elton avenues	84
Morris avenue, opposite One Hundred and Fifty-seventh street	60
One Hundred and Sixty-first street and Courtlandt avenue	36
Webster avenue and Kingsbridge road	50
One Hundred and Fifty-sixth street and Third avenue	100
Total	330

New gutter stones laid—

Fordham Landing road	550
East side Bathgate avenue, between One Hundred and Seventy-fourth and One Hundred and Seventy-fifth streets	410

Retaining-wall.

	Square Feet.
Junction of Third and Washington avenues	750

Crosswalks.

	Square Feet.
Crosswalks built—	
Vanderbilt avenue and One Hundred and Seventy-seventh street	78
Webster avenue and One Hundred and Seventy-seventh street	250
Total	328

Crosswalks repaired—

St. Ann's avenue and One Hundred and Forty-third street	68
Jefferson street and Boston avenue	200
Union avenue and Jefferson street	60
Webster avenue and Kingsbridge road	120
Railroad avenue, East, and One Hundred and Fifty-eighth street	120
St. Ann's avenue and One Hundred and Forty-first street	150
One Hundred and Fifty-ninth street, between Melrose and Courtlandt avenues	120
One Hundred and Fifty-third street and Elton avenue	100
Third avenue and One Hundred and Forty-eighth street	40
One Hundred and Fifty-eighth street and Courtlandt avenue	240
Willard avenue and Second street	150
Gray and Weeks street	225
Junction Third and Alexander avenues	80
Gray street and Morris avenue	95
Gray street and Topping street	120



Crosswalks repaired—	Square Feet.
Gray street and Crane place.....	180
Cypress avenue and One Hundred and Forty-ninth street.....	50
One Hundred and Fifty-second street and Morris avenue.....	70
Total.....	2,198

Crosswalks cleaned—	Square Feet.
Morris avenue, between One Hundred and Fortieth and One Hundred and Forty-Eighth streets.....	2,400
Washington avenue and One Hundred and Seventy-seventh street.....	113
St. Ann's avenue, between One Hundred and Thirty-eighth and One Hundred and Forty-ninth streets.....	3,520
One Hundred and Sixty-first street and Jackson avenue.....	600
One Hundred and Sixty-fifth street and Jackson avenue.....	600
Total.....	7,233

Approaches to crosswalks have been filled in with broken stone and screenings at the following places:

	Square Feet.
East side Third avenue and One Hundred and Thirty-seventh street.....	189
East side Third avenue and One Hundred and Thirty-fourth street.....	144
West side Third avenue and One Hundred and Fifty-eighth street.....	414
West side Third avenue and One Hundred and Thirtieth street.....	210
East side and west side Third avenue and One Hundred and Forty-first street.....	512
East side Third avenue and One Hundred and Thirty-fifth street.....	224
East and west sides Third avenue and One Hundred and Thirty-sixth street.....	241
West side Third avenue and One Hundred and Forty-fourth street.....	450
Rose street and Third avenue.....	414
Grove street and Third avenue.....	216
East side Third avenue and One Hundred and Fifty-sixth street.....	660
West side Third avenue and One Hundred and Fifty-eighth street.....	414
West side Third avenue and One Hundred and Fifty-ninth street.....	416
East side Third avenue and One Hundred and Sixty-fourth street.....	314
West side Third avenue and One Hundred and Sixty-fifth street.....	52
Third and Franklin avenues.....	270
Third avenue and Spring place.....	378
St. Ann's avenue, north of One Hundred and Forty-eighth street.....	2,250
Total.....	7,768

#### Pavement.

Pavement restored over sewer connections, etc.—	Square Feet.
No. 2774 Third avenue.....	480
Third avenue, 275 feet north of Grove street.....	60
No. 2410 Third avenue.....	250
East side Third avenue, 85 feet north of One Hundred and Sixty-seventh street.....	140
No. 3001 Third avenue.....	96
No. 2025 Third avenue.....	100
No. 2083 Third avenue.....	70
East side Third avenue, 150 feet north of Franklin avenue.....	96
East side Third avenue, 150 feet south of One Hundred and Sixty-sixth street.....	176
No. 3462 Third avenue.....	120
No. 3468 Third avenue.....	90
No. 3469 Third avenue.....	120
No. 3393 Third avenue.....	132
East side Third avenue, 145 feet, 170 feet, 195 feet and 220 feet north of One Hundred and Fifty-sixth street.....	352
No. 3371 Third avenue.....	150
No. 3604 Third avenue.....	60
No. 3357 Third avenue.....	70
East side Third avenue, 66 feet south of One Hundred and Seventieth street.....	212
West side Third avenue, 55 feet north of One Hundred and Fifty-third street.....	90
Third avenue, opposite Police-station.....	150
East side Willis avenue, 50 feet north of One Hundred and Forty-sixth street.....	270
No. 482 Willis avenue.....	100
No. 268 Willis avenue.....	90
No. 155 Alexander avenue.....	398
West side Rider avenue, 410 feet north of One Hundred and Thirty-ninth street.....	120
East side Rider avenue, 75 feet north of One Hundred and Thirty-sixth street.....	84
East side Trinity avenue, 121 feet north of One Hundred and Sixty-fifth street.....	200
No. 512 Courtlandt avenue.....	80
East side Courtlandt avenue, 150 feet south of One Hundred and Fiftieth street.....	90
No. 492 East One Hundred and Thirty-fourth street.....	130
North side One Hundred and Thirty-fourth street, 50 feet east of Third avenue.....	96
No. 702 East One Hundred and Thirty-fifth street.....	260
North side One Hundred and Thirty-fifth street, 100 feet east of Willis avenue.....	385
No. 704 East One Hundred and Thirty-eighth street.....	100
Northeast corner Bergen avenue and One Hundred and Forty-ninth street.....	50
South side One Hundred and Forty-ninth street, 50 feet and 75 feet east of Brook avenue.....	300
Northeast corner One Hundred and Fiftieth street and Courtlandt avenue.....	160
No. 645 East One Hundred and Fifty-second street.....	50
North side One Hundred and Sixty-first street, 100 feet west of Courtlandt avenue.....	250
South side One Hundred and Sixty-sixth street, 75 feet west of Third avenue.....	80
South side One Hundred and Thirty-fifth street, opposite Nos. 450, 452, 466, 472, and 488.....	440
South side One Hundred and Sixty-first street, 20 feet west of Cauldwell avenue.....	432
South side One Hundred and Thirty-eighth street, 300 feet east of Willis avenue.....	634
West side Willis avenue, 25 feet, 50 feet, 75 feet, 100 feet and 125 feet north of One Hundred and Thirty-fifth street.....	733
Total.....	8,621

Pavement repaired—	Square Feet.
Willis avenue and One Hundred and Thirty-third street.....	710
Nos. 606, 608 and 612 East One Hundred and Thirty-eighth street.....	234
Nos. 562, 632, 634, 636, 638 and 640 East One Hundred and Thirty-ninth street.....	911
Third avenue, north of Harlem river.....	8,096
Nos. 661, 716 and 720 East One Hundred and Thirty-eighth street.....	261
One Hundred and Forty-fourth street, near College avenue.....	75
Nos. 632 and 640 East One Hundred and Fifty-fourth street.....	80
North side One Hundred and Sixty-first street, 100 feet east of Third avenue.....	175
North side One Hundred and Sixty-first street, 75 feet west of Cauldwell avenue.....	200
Lincoln avenue and One Hundred and Thirty-eighth street.....	47
Alexander avenue and One Hundred and Forty-third street.....	308
No. 566 Courtlandt avenue.....	208
Nos. 777, 1025 and 1213 Boston avenue.....	634
Total.....	11,939

#### Rock Blasted.

Rock blasted—	Cubic Yards.
South side of One Hundred and Seventy-seventh street, between Prospect and Franklin avenues.....	35
Cordova place, west end.....	30
Sputen Duyvil road.....	10
Bettner's lane, Mount St. Vincent.....	35
Walton avenue, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets.....	25
Third avenue and Second street, Woodlawn.....	10
Cole street and Webster avenue.....	25
Woodruff avenue, west of Southern Boulevard.....	15
Total.....	185

#### Trees.

Trees pruned—	Number.
North side of One Hundred and Thirty-ninth street, between Alexander and Willis avenues.....	14
South side of One Hundred and Thirty-ninth street, between Alexander and Willis avenues.....	12
North side of One Hundred and Forty-fourth street, between Railroad and Mott avenues.....	2
North side of One Hundred and Forty-sixth street, between Railroad and Morris avenues.....	4
One Hundred and Forty-sixth street, east of Willis avenue.....	1
One Hundred and Forty-sixth street, between College and Morris avenues.....	6
One Hundred and Seventy-seventh street and Washington avenue.....	2
Crane place and Gray street.....	3
North side of Mt. Hope place and Morris avenue.....	7
Pond place near Marion avenue.....	4
Pond place near William street.....	4
No. 1911 Washington avenue.....	2
Vanderbilt avenue, East, between One Hundred and Seventy-first and One Hundred and Seventy-fourth streets.....	3
Northwest of One Hundred and Eightieth street and Third avenue.....	2
Main street and Locust avenue.....	1
Main street and Rodman place.....	1
Main street, opposite Bolton's factory.....	1
Main street and Tremont avenue.....	1
Nos. 962, 964, 966 and 967 Washington avenue.....	5
Opposite Grammar School No. 60, Kingsbridge.....	1
Washington avenue and One Hundred and Sixty-fourth street.....	4
Washington avenue and One Hundred and Sixty-fifth street.....	8
Total.....	88

#### Trees cut down—

One Hundred and Thirty-fifth street and Railroad avenue.....	1
One Hundred and Thirty-eighth street and Brook avenue.....	1
One Hundred and Thirty-ninth street and Alexander avenue.....	2
One Hundred and Forty-third street and College avenue.....	1
One Hundred and Forty-fourth street, between Railroad and Mott avenues.....	1
One Hundred and Seventy-fourth street and Washington avenue.....	1
One Hundred and Seventy-sixth street and College avenue.....	1
One Hundred and Eightieth street and Morris avenue.....	3
Woodruff avenue and Southern Boulevard.....	2
Mechanic and Walker streets.....	2
Mt. Hope place and Morris avenue.....	2
Pond place and Marion avenue.....	4
Vanderbilt avenue, between One Hundred and Seventieth and One Hundred and Seventy-second streets.....	2
Weeks and One Hundred and Seventy-third streets.....	1
No. 1911 Washington avenue.....	1
Main street, opposite Billets.....	1
Washington avenue and One Hundred and Seventy-fourth street.....	1
Washington avenue and One Hundred and Sixty-fourth street.....	1
Washington avenue and One Hundred and Sixty-fifth street.....	2
Hunt's Point road, opposite Railroad station.....	1
West Farms road and Westchester avenue.....	1
Total.....	37

#### Holes and Washouts.

Holes and washouts have been filled in and repaired at the following places during the three months ending December 31, 1891:

One Hundred and Thirty-eighth street and Walnut avenue; One Hundred and Fifty-sixth street and Courtlandt avenue; Bailey avenue, near Sedgwick avenue; One Hundred and Fifty-third street and Elton avenue; Westchester avenue, near drawbridge; Jerome avenue, between One Hundred and Seventy-seventh street and Kingsbridge road; Kingsbridge road and Webster avenue; Third avenue and Rose street; One Hundred and Thirty-seventh street and Third avenue; Franklin avenue, east of Third avenue; Webster avenue and Cole street; Van Courtlandt avenue, near Jerome avenue; One Hundred and Sixty-fifth street and Forest avenue; One Hundred and Thirty-sixth street and Alexander avenue; Grand avenue and Second street; Sedgwick avenue and One Hundred and Sixty-second street; Sedgwick and Jerome avenues; Mechanic street and Oostdorp avenue; Westchester avenue and Northern Terrace; One Hundred and Forty-eighth street, between Willis and Brook avenues; One Hundred and Sixty-fifth street and Tinton avenue; One Hundred and Thirty-sixth street and Lincoln avenue.

#### Bridges repaired—

Bridges.	Number.
Decatur avenue, near Jacob street.....	1
Burnside and Sedgwick avenues.....	1
Farmer's Bridge.....	1
Mechanic street.....	1
Third avenue and One Hundred and Sixty-first street.....	1
Tinton avenue and One Hundred and Sixty-first street.....	1
One Hundred and Thirty-eighth street, over Mott Haven canal.....	1
Union and Westchester avenues.....	1
Union avenue, south of Home street.....	1
Riverdale avenue.....	1
Intervale avenue.....	1
Hunt's Point road, near Simpson's farm.....	1
Tremont avenue.....	1
Westchester avenue, over Bronx river.....	1
One Hundred and Sixty-first street, over Cromwell's creek.....	1
One Hundred and Sixty-fifth street, over Cromwell's creek.....	1
Total.....	16

#### Bridges painted—

William's Bridge.....	1
Woodlawn.....	1
Total.....	2

#### Flagging reset—

Sidewalks.	Square Feet.
One Hundred and Forty-ninth street, between Southern Boulevard and Robbins avenue.....	400
West side Southern Boulevard, north of One Hundred and Forty-ninth street.....	300
Gerard avenue and One Hundred and Forty-ninth street.....	96
Total.....	796

#### Earth sidewalks repaired—

One Hundred and Forty-ninth street, west of St. Ann's avenue.....	81
One Hundred and Forty-eighth street, between Willis and Brook avenues.....	243
Sedgwick avenue, opposite Depot.....	180
Vanderbilt avenue, north of One Hundred and Seventy-seventh street.....	1,400
Broadway, between Church street and Webber's lane.....	4,800
Morris avenue, between One Hundred and Eighty-third and One Hundred and Eighty-fourth streets.....	3,000
Tinton avenue, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets.....	240
Highbridge road, between McComb's Dam road and Fordham Depot.....	600
Woodruff avenue, west of Southern Boulevard.....	214
Jerome avenue, between One Hundred and Sixty-first street and McComb's Dam road.....	4,000
Riverdale avenue and Church street.....	1,800
Ogden avenue and McComb's Dam Bridge.....	5,000
Springhurst road.....	1,500
Total.....	24,058

#### Sprinkling.

The following roads, streets and avenues were sprinkled when necessary:  
One Hundred and Seventy-seventh street, from Third to Morris avenue; Morris avenue, from One Hundred and Sixty-first to One Hundred and Seventy-seventh street; Washington avenue,



from One Hundred and Sixty-first street to Pelham avenue; Pelham avenue; Riverdale avenue; Broadway.

*Guard Rails.*

New guard-rails erected—	Linear Feet
One Hundred and Forty-ninth street, between Morris and Railroad avenues.....	1,200
Mott avenue, north of One Hundred and Fifty-fifth street.....	72
Junction of Third and Washington avenues.....	222
Total.....	1,494

*Guard rails repaired—*

Boston avenue, west of Jerome avenue.....	72
Spytten Duyvil road.....	39
Riverdale avenue, near Ewen's lane.....	34
Total.....	145

*Loose Stones Removed.*

	Number of loads.
One Hundred and Fifty-fifth street, between Elton and Courtlandt avenues.....	2
One Hundred and Fifty-sixth street, between Elton and Courtlandt avenues.....	1
One Hundred and Fifty-seventh street, between Elton and Courtlandt avenues.....	1
One Hundred and Fifty-eighth street, between Elton and Courtlandt avenues.....	2
Walton avenue and One Hundred and Forty-ninth street.....	1
Total.....	7

*Receiving-basins.*

Basins cleaned—	Number.
Southern Boulevard and Brook avenue.....	1
John street and St. Ann's avenue.....	4
Westchester and Eagle avenues.....	2
Westchester and Brook avenues.....	1
Webster avenue, between One Hundred and Sixty-ninth and One Hundred and Seventieth streets.....	2
Webster avenue and Kingsbridge road.....	3
Southern Boulevard and Third avenue.....	1
Riverview Terrace and Dock street.....	1
Tinton avenue and Denman place.....	1
Westchester and St. Ann's avenues.....	2
Westchester avenue and Southern Boulevard.....	2
St. Ann's avenue and One Hundred and Forty-sixth street.....	1
Bergen avenue and Rose street.....	1
Third avenue and One Hundred and Sixty-fifth street.....	1
Third avenue and One Hundred and Fifty-third street.....	1
One Hundred and Thirty-fourth street and Brook avenue.....	2
One Hundred and Thirty-fourth street and Brown place.....	2
One Hundred and Thirty-fourth street and St. Ann's avenue.....	1
One Hundred and Thirty-fifth street and St. Ann's avenue.....	1
One Hundred and Thirty-fifth street and Brook avenue.....	1
One Hundred and Thirty-fifth street and Brown place.....	1
One Hundred and Thirty-fifth street and Lincoln avenue.....	1
One Hundred and Thirty-seventh street and Brook avenue.....	1
One Hundred and Thirty-eighth street and Brook avenue.....	1
One Hundred and Thirty-eighth street and St. Ann's avenue.....	2
One Hundred and Thirty-ninth street, between Brook and Willis avenues.....	1
One Hundred and Forty-eighth street and Bergen avenue.....	1
One Hundred and Forty-eighth street and Morris avenue.....	2
One Hundred and Forty-eighth street and Brook avenue.....	1
One Hundred and Forty-ninth street and Cypress avenue.....	2
One Hundred and Forty-ninth street and Robbins avenue.....	1
One Hundred and Forty-ninth street and St. Ann's avenue.....	1
One Hundred and Forty-ninth street and Morris avenue.....	5
One Hundred and Forty-ninth street and Courtlandt avenue.....	2
One Hundred and Fiftieth street and Melrose avenue.....	1
One Hundred and Fiftieth street and Railroad avenue.....	1
One Hundred and Fiftieth street and Morris avenue.....	3
One Hundred and Fifty-first street and Morris avenue.....	3
One Hundred and Fifty-first street and Third avenue.....	1
One Hundred and Fifty-second street and Melrose avenue.....	1
One Hundred and Fifty-second street and Morris avenue.....	4
One Hundred and Fifty-third street and Railroad avenue.....	2
One Hundred and Fifty-third street and Elton avenue.....	1
One Hundred and Fifty-third street and Morris avenue.....	2
One Hundred and Fifty-third street and Third avenue.....	1
One Hundred and Fifty-sixth street and St. Ann's avenue.....	2
One Hundred and Sixty-first street and Courtlandt avenue.....	2
One Hundred and Sixty-second street and Washington avenue.....	1
One Hundred and Sixty-second street and Melrose avenue.....	2
One Hundred and Sixty-third street and Third avenue.....	1
One Hundred and Sixty-fourth street and Washington avenue.....	1
One Hundred and Sixty-fourth street and Brook avenue.....	2
One Hundred and Thirty-ninth street and Third avenue.....	1
One Hundred and Fortieth street and Willis avenue.....	2
One Hundred and Forty-first street and Willis avenue.....	1
One Hundred and Forty-first street, between Willis and Brook avenues.....	1
One Hundred and Forty-first street and Rider avenue.....	1
One Hundred and Forty-first street and St. Ann's avenue.....	2
One Hundred and Forty-first street, between Brook and Willis avenues.....	2
One Hundred and Forty-second street and Rider avenue.....	1
One Hundred and Forty-second street and Brook avenue.....	3
One Hundred and Forty-third street, between Brook and Willis avenues.....	2
One Hundred and Forty-third street, junction of One Hundred and Forty-fourth street.....	2
One Hundred and Forty-third street and Brook avenue.....	4
One Hundred and Forty-third street and Willis avenue.....	1
One Hundred and Forty-third street and College avenue.....	1
One Hundred and Forty-fourth street, between Brook and Willis avenues.....	2
One Hundred and Forty-fourth street and College avenue.....	3
One Hundred and Forty-fourth street and Brook avenue.....	5
One Hundred and Forty-fourth street and Willis avenue.....	2
One Hundred and Forty-fifth street and Brook avenue.....	2
One Hundred and Forty-fifth street and College avenue.....	2
One Hundred and Forty-fifth street, between Brook and Willis avenues.....	2
One Hundred and Forty-sixth street and St. Ann's avenue.....	1
One Hundred and Forty-sixth street and Morris avenue.....	2
One Hundred and Forty-sixth street and Willis avenue.....	1
One Hundred and Forty-sixth street and Brook avenue.....	2
One Hundred and Forty-seventh street and Brook avenue.....	4
One Hundred and Sixty-fifth street and Washington avenue.....	2
One Hundred and Sixty-fifth street and Boston avenue.....	1
One Hundred and Sixty-fifth street, 200 feet east of Boston avenue.....	2
One Hundred and Sixty-sixth street and Vanderbilt avenue.....	1
One Hundred and Sixty-ninth street and Third avenue.....	1
One Hundred and Sixty-ninth street, between Washington and Vanderbilt avenues.....	1
One Hundred and Seventieth street and Fulton avenue.....	1
One Hundred and Seventieth street and Vanderbilt avenue.....	1
One Hundred and Seventy-fifth street and Webster avenue.....	2
One Hundred and Seventy-seventh street, between Washington and Vanderbilt avenues.....	4
One Hundred and Seventy-seventh street and Anthony avenue.....	1
Total.....	153

*Basins repaired—*

Tinton avenue and Denman place.....	1
One Hundred and Seventy-fourth street and Washington avenue.....	2
Total.....	3

Basins built—	Number.
Vanderbilt avenue, 200 feet north of One Hundred and Seventy-eighth street.....	1
Vanderbilt avenue, 200 feet south of One Hundred and Seventy-eighth street.....	1
One Hundred and Forty-eighth street and Railroad avenue.....	1
Total.....	3

Grating set at basin—	
One Hundred and Sixty-first street and Courtlandt avenue.....	1

*Stone Drains.*

Stone drains built—	Linear Feet.
Summit avenue, near Briggs avenue.....	30
Washington avenue and One Hundred and Seventy-third street.....	50
Cordova place and Van Courtlandt avenue.....	40
Spytten Duyvil road.....	60
Total.....	180

Stone drains repaired—	
Bailey avenue and Kingsbridge road.....	10
Honeywell avenue and One Hundred and Seventy-seventh street.....	26
Webster avenue and Southern Boulevard.....	35
One Hundred and Seventy-seventh street, north of Prospect avenue.....	43
Independence avenue and Sidney street.....	15
Spytten Duyvil road and Harlem Railroad.....	100
Second street, Woodlawn.....	25
One Hundred and Fifty-ninth street and Melrose avenue.....	10
Total.....	270

Stone drains cleaned—	
Home street, between Union and Intervale avenues.....	975
Union avenue, 100 feet south of One Hundred and Sixty-sixth street.....	75
One Hundred and Seventy-seventh street and Jerome avenue.....	110
One Hundred and Fifty-eighth street and Courtlandt avenue.....	200
Riverview terrace, north of Dock street.....	50
Depot place and Bailey avenue.....	15
Webster avenue, between Pelham avenue and Cole street.....	25
Morris avenue and One Hundred and Eighty-second street.....	25
Spytten Duyvil road.....	125
Robbins avenue, between One Hundred and Forty-ninth and One Hundred and Fiftieth streets.....	200
Melrose drain, north of One Hundred and Sixty-second street.....	225
Total.....	2,025

*Open Drains.*

Cleaned open drain—	
Tremont avenue, between Mechanic street and Boulevard.....	1,200
Second street, Woodlawn.....	800
Tinton avenue, north of One Hundred and Sixty-first street.....	500
Webster avenue, north of One Hundred and Eighty-fourth street.....	600
Total.....	3,100

*Sewers.*

Sewers cleaned—	
Washington avenue, north of One Hundred and Seventieth street.....	300
Rider avenue.....	1,080
One Hundred and Fifty-second street, between Morris and Railroad avenues.....	425
One Hundred and Thirty-sixth street, between Lincoln and Alexander avenues.....	600
One Hundred and Forty-fourth street, between Third and College avenues.....	500
One Hundred and Forty-second street, west of Brook avenue.....	200
Total.....	4,005

*Grating.*

Grating placed at mouth of receiving-basin—	Number.
North and south side of One Hundred and Seventy-seventh street, between Washington and Vanderbilt avenues.....	2

*Box Drains.*

Box drains set—	Linear Feet.
Simpson and Home streets.....	24
Gerard avenue and One Hundred and Forty-ninth street.....	26
Northeast corner One Hundred and Forty-third street and College avenue.....	25
Jerome and Sedgwick avenues.....	24
Total.....	99

Box drains cleaned—	
One Hundred and Sixty-eighth street, between Tinton and Franklin avenues.....	200
College avenue and One Hundred and Forty-eighth street.....	25
One Hundred and Sixty-fifth street and Forest avenue.....	25
Total.....	250

*Pipe Drains.*

Pipe drain set—	
One Hundred and Forty-third street and College avenue (6-inch pipe).....	27
Pipe drain cleaned—	
One Hundred and Fifty-first street and Robbins avenue.....	22

*Manholes.*

Manhole repaired—	
One Hundred and Fifty-sixth street, west of St. Ann's avenue.....	1
Washington avenue, north of One Hundred and Sixty-first street.....	2
One Hundred and Thirty-fourth street, west of Brook avenue.....	1
Third avenue and One Hundred and Forty-first street.....	1
Total.....	5

Cover set on manhole—	
Brook avenue, south of One Hundred and Thirty-eighth street.....	1

Manhole cleaned—	
One Hundred and Forty-eighth street and College avenue.....	1

*Permits.*

The following statement shows the number and character of permits issued during the quarter ending December 31, 1891 :

	Number.
For sewer connections.....	60
For sewer connections repairs.....	15
For openings for Croton connections.....	157
For repairing service pipes.....	44
For placing building material.....	61
For crossing sidewalks with teams.....	23
For removing frame buildings.....	11
For setting gutter bridges.....	11
For laying gas-mains.....	2
For removing flagging and curb-stones.....	12
For extending stoops over sidewalk.....	3
For removing trees.....	10
For trimming trees.....	3
For planting trees.....	5
For laying drain under sidewalk.....	4

	Number.
For taking surplus material from Aqueduct Shaft.....	2
For filling in roadbed.....	1
For placing earth on sidewalk.....	1
For cleaning gutters.....	1
For inclosing court yard with iron railing.....	1
For placing guy posts.....	1
For taking up paving between bridge stones.....	1
For laying artificial pavement.....	2
For flagging sidewalk.....	4
For extending fence over sidewalk.....	1
For repairing street and sidewalk.....	1
For setting wooden curb.....	2
For laying Croton pipe.....	2
For filling in vault.....	1
For building fence on retaining-wall.....	1
For building steps from sidewalk to cellar.....	1
For filling in approach to bridge.....	1
For leaving embankment on street.....	1
For laying drain-pipe.....	1
For cleaning and deepening drain.....	1

Total..... 448

*Statement of Money Received during the Fourth Quarter, 1891, for the Granting of Permits to make Connections with Sewers, to Set and Retain Gutter Bridges, and also for Restoring Pavement.*

For sewer connections.....	\$850 00
For setting gutter bridges.....	3 00
For restoring pavement.....	442 00

Total..... \$1,295 00

*Statement Showing the Number of Days made by the Working Force Employed in the Twenty-third and Twenty-fourth Wards during the Three Months ending December 31, 1891.*

	Superintendent.	Clerks.	Foremen.	Assistant Foremen.	Skilled Laborers.	Draw Tender.	Painter.	Carpenters.	Paver.	Printer.	Blacksmith.	Sewer Laborers.	Cleaners.	Mason.	Steam Engineers.	Rockmen.	Carts.	Double Teams.	Laborers.
Oct.,	31	62	170½	282½	225½	31	54	30	48½	25½	26½	212	42	26½	51	70½	100	1,212½	4,618½
Nov.,	30	60	148½	92	162½	30	46	20½	38½	20½	22½	150½	39½	23	48½	43½	76½	837½	3,672
Dec.,	31	62	121½	..	140	31	38	25½	28½	8½	9	156	47	1	2½	..	47½	225	1,029

*Statement Showing the Working Force Employed in the Twenty-third and Twenty-fourth Wards at the End of the Fourth Quarter, 1891.*

Superintendent.....	1	Paver.....	1
Clerks.....	2	Sewer Laborers.....	6
Foremen.....	5	Cleaners.....	2
Skilled Laborers.....	6	Carts.....	2
Draw Tender.....	1	Double Teams.....	7
Painter.....	1	Laborers.....	31
Carpenter.....	1		

**REVIEW OF THE OPERATIONS OF THE DEPARTMENT FOR THE YEAR 1891.**

In submitting the following summary of the first year's administration of the office of Commissioner of Street Improvements under the provisions of chapter 545 of the Laws of 1890, I am emboldened by the results accomplished to assert that the new law has operated to the signal advantage of the Twenty-third and Twenty-fourth Wards, and as a necessary consequence to the City at large. The several works carried on by this Department have been carefully and diligently supervised during their progress and have been conducted with great economy to the City and to the property-owners assessed for benefit. The cost of works of permanent construction, such as regulating, grading and paving of streets and avenues, and constructing sewers, which is paid by assessments, has, so far as the salaries of the employees of this Department are concerned, been much less than for similar work under former administrations. The extent of the improvements carried on and completed during the year is largely in excess of what has been done in any year previously.

The year finished with but a single approved ordinance left to work upon in the way of surveys. In a territory nearly as large as the rest of the city the question of sewerage and drainage is of the highest importance, involving, as it does, the sanitary condition of the district.

Unlike other improvements, the construction of sewers can be initiated without the passage of ordinances by the Board of Aldermen. In ordering and completing this most essential branch of improvements the Department has been eminently successful, having constructed 45 3-100 miles of sewers within the year, as compared with an average of 2 16-100 miles per year constructed prior to the present administration. Several miles more of sewers would have been built, but unexpected delays were occasioned in adjusting street grades after plans and estimates had been completed and ready for work. This class of work was also retarded by delays in printing contracts and specifications, and in some instances five months elapsed from the time the plans and specifications were completed before the work could be proceeded with. As a consequence of these combined delays not one-third of the plans and estimates for sewerage prepared by this Department were under contract on December, 31, 1891.

While the question of sewerage and drainage has received the first consideration, the improvements of our public highways have been carried on with unprecedented activity.

During the year nearly five miles of streets were paved as compared with ten miles of streets paved during the seventeen years which elapsed since annexation up to the 1st of January, 1891, when this Department came into existence.

A year's experience has confirmed me in the opinion that any other system than the one provided for under the present law would be inadequate to the requirements of the people and insufficient to afford a remedy against evils, which so long prior to the passage of that law retarded the growth and prosperity of these wards.

The extensive territory over which the Department has jurisdiction and the enormous amount of work to be accomplished, the numerous intricate questions to be determined relating to the laying-out of a permanent street system, the adjustment of differences among property-owners necessarily arising from diverse interests in the establishment of permanent lines and grades of streets and avenues, together with the duties of carrying on the works of constructing sewers, regulating, grading, paving and maintenance of public highways require constant study and unremitting attention on the part of the Commissioner in charge.

Applications for the establishment of lines and grades of streets for the benefit of individual property-owners, regardless of the general good, and based solely on selfish interests, form no small share of the difficulties and embarrassments to be encountered. It shall be my policy, however, with the sanction of the Board of Street Opening and Improvement, whose approval is necessary to its adoption, to establish lines and grades of streets and avenues with a view to the requirements of the vast population which in the near future must inevitably flow into these wards, and not adverse criticism of individual owners of land have any influence in the carrying out of a scientific and comprehensive system of public improvements, especially where the same can be accomplished without detriment to improved property.

During the ten years prior to my administration over two hundred changes of maps took place, which, so far as the public interests are concerned, were not only unnecessary, but for the most part were in mutilation of an established and scientific system. This condition of affairs was one of the greatest sources of complaint during the years preceding the present administration. To remedy this evil it is provided as one of the main features of the law under which I am acting that all the maps of the district shall be completed within two years and six months from the first day of January, 1891, and that when approved by the Board of Street Opening and Improvement they shall be filed and thereafter shall be subject to no change or modification. Although the time allowed for this important work is limited, I feel confident that with sufficient funds at my disposal for the purpose I shall be able to complete the same within the period prescribed by law.

**PERMANENT IMPROVEMENTS.**

The works of permanent improvements within the past year, as shown by the official reports, have been extensive, and have been carried on with all the activity consistent with the requirements of the people.

I am entirely satisfied that these improvements, being absolutely necessary to the health and comfort of the residents, meet with general approval.

There are doubtless a few persons, who from a short-sighted policy demur to assessments, no matter how essential improvements may be to the general welfare of the district or how directly beneficial they may be even to their own property. In every instance assessments for improvements within the district are inconsiderable when compared with the large increase in the value of the lots assessed, which immediately follows the execution of the work. Besides, under the provisions of chapter 578 of the Laws of 1887, property-owners in these wards have the privilege of paying their assessments in yearly instalments of twenty-five per centum of the amount assessed. In other words, they have four years to pay assessments, before the expiration of which time their lots will have increased in value at least twice the amount of the assessment. Viewing the matter, therefore, from any standpoint, the improvements needed for the health and prosperity of the rapidly increasing population of these wards should not be retarded to suit the narrow views of a small class of unreasonable objectors who are to be found in every community.

**PROBLEM OF CROSSING THE HARLEM RIVER.**

The only real impediment to the speedy progress and development of the city, northward, arises from the physical division of the two great sections of the city, occasioned by the Harlem river. The problem of crossing the river by tunnels or stationary bridges is one so essentially and obviously involving the future growth and prosperity of our city that no time should be lost to settle upon one comprehensive plan which would be a practical solution of it as affecting the entire length of the river. It is apparent to any one who reflects upon the subject that the obstruction to travel and traffic on account of the present defective means of crossing the Harlem river, now so irksome to the public and so detrimental to the interests of the City, will, with the increase of population, become intolerable. The effect of the present condition will be to deprive these wards of the future population which properly belongs to them and divert its course to Long Island and New Jersey.

I respectfully suggest that the time has arrived when some practical plan should be adopted for crossing this comparatively narrow span of water so as to secure uninterrupted travel and traffic between two great sections of the city, and to prepare for the inevitable growth of our population in the near future. In my judgment such a plan should provide for the constructing of stationary bridges at almost every street running to its banks, of sufficient elevation to admit of the passage only of vessels whose smoke stacks and masts should conform to the height of the bridges, so as that they may pass without interrupting travel and traffic. Between all sections of the city the uninterrupted continuation of public highways should be established and maintained as one of the most essential requisites of an active business community.

The establishing of permanent approach grades now, so as to conform to the height of such contemplated bridges before the lands abutting on the river are improved and built upon, would result in a saving of millions of dollars, which must ultimately be paid as damages to adjoining property-owners if such plans are postponed. As it becomes my duty under the law to determine permanent grades on or before the 1st day of July, 1893, I would respectfully suggest that the consideration of this subject meet with as little delay as possible. It is to be regretted that while gigantic schemes are proposed and adopted for bridges and tunnels to cross over and under the North and East rivers, adequate means of transit over the Harlem river, within the limits of our own city, seems hitherto not to have received the attention which a subject of such vast importance deserves. This is the more surprising when it is remembered that the Twenty-third and Twenty-fourth Wards are the only portion of the city where the mechanic, the artisan and the laborer of small means can purchase a lot upon which he can build his own home. Where on Manhattan Island can a person of humble means purchase even one lot for such a laudable purpose? There are numerous sections within the Twenty-third and Twenty-fourth Wards where lots can be purchased for a few hundred dollars. By a special provision of law, frame buildings for the occupancy of not more than two families may be erected in that portion of the district lying north of One Hundred and Thirty-eighth street, and it was evidently the intention of the Legislature to enable persons of humble means thus to acquire a home of their own at a moderate cost within the city's limits. But this great boon is now practically denied them on account of the want of proper facilities to reach this portion of the city by cheap, speedy and uninterrupted transit. To accomplish this, I respectfully submit would be wise economy on the part of those charged with the administration of the government of the city, and I beg to invoke your special attention to this matter in the hope that with the aid of the powerful influence now at your command as Chief Magistrate of the city, you may inaugurate a policy which would be the first step towards accomplishing so desirable an end.

In this connection, I respectfully beg to renew my suggestion of last March, that a Commission of five persons be appointed by you, as Mayor of the City, to serve without pay, to consist of two residents below the Harlem river, one resident of the district north of the Harlem river, the Commissioner of Public Works of the City of New York, and the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, whose duty shall be to inquire and examine into the matter so as to be able to report to the Mayor within a stated time as to the best and most practical plans of crossing the Harlem river, with a view of enabling the Mayor to recommend proper legislation upon the subject.

**SUMMARY OF THE WORK DONE DURING THE YEAR 1891.**

*Maps.*

The following maps were drawn:  
111 maps relating to laying-out, adopting and filing street and sewerage plans.  
115 maps relating to monumenting.  
37 maps relating to tax maps.  
429 maps relating to street opening matters.  
100 general maps relating to miscellaneous matters, making a total of 792 maps, the surface of which would cover 2,560 square feet.

*Construction of Sewers and Appurtenances.*

The following is a summary of work done in Bureau of Sewers during the year 1891:

7,206.75 linear feet of brick sewer.  
16,606.13 linear feet of pipe sewer.  
2,856 spurs for house connections.  
272 manholes.  
58 receiving-basins.  
21,476.57 cubic yards of rock excavation.  
45.9 cubic yards of concrete.  
126.75 cubic yards of broken stone.  
101.1 cubic yards of rubble masonry in mortar.  
9,026.6 linear feet of piles driven and cut off.  
46,421 feet B. M. lumber for foundation.  
81,907 feet B. M. lumber as sheeting.  
46 preliminary surveys and rock soundings made.  
38 plans for sewers, etc., completed and preliminary estimates.  
29 sewer plans in progress.  
29 duplicate tracings of plans, etc.  
41 proposals for estimates, contracts and specifications, and form of bids prepared or read, revised and corrected.  
12 assessment lists and plans completed.  
12 assessment lists and plans in progress.

*Street Improvements—Regulating, Grading, Paving, etc.*

Summarized statement of work done during the year 1891:

54,080 cubic yards of earth excavation.  
30,091 cubic yards of rock excavation.  
200,304 cubic yards of filling.  
101,415 linear feet of new curb.  
5,927 linear feet of old curb.  
377,184 square feet of new flagging.  
11,997 square feet of old flagging.  
44,928 square feet of new bridge stone.  
64,376 square feet of granite-block pavement.  
35,135 square yards of trap-block pavement.  
14,091 cubic yards of dry rubble masonry.  
123 linear feet of pipe drain.  
13,200 pounds of vitrified stone-ware.  
7,500 feet B. M. lumber.  
5 receiving-basins rebuilt.  
65 surveys made.  
58 plans made.  
52 tracings made.  
82 specifications and estimates made.  
5 assessment lists, with a map frontage of 56,545 linear feet.  
18 contracts, in force January 1, 1891.  
53 contracts made during 1891.  
11 contracts in force during the year.  
44 contracts completed during the year.



Block Pavement.

Number of contracts in progress (including one private contract)	21
Number of contracts completed	14
Number of new contracts	16
Total distance in miles during 1891	4.99
Total distance in miles prior to 1891	10.91
Total distance in miles prior to 1892	15.90

Maintenance and Repairs of Streets, etc.

The following is a summary of work done in repairing and resurfacing streets, etc.:

321,138 square feet new trap-rock macadam laid.	
504,629 square feet repaired with trap-rock macadam.	
142,557 square feet Telford foundation laid.	
90,930 square feet Roa Hook gravel spread.	
4,057,052 square feet earth roads repaired.	
46,703 cubic yards earth and stone filling used to repair earth roads.	
669,385 linear feet gutters opened.	
1,501 square feet gutters paved with rubble stone.	
59,796 square feet sidewalk repaired.	
796 square feet flagging relaid.	
542 square feet new crosswalks set.	
11,553 square feet crosswalks repaired.	
16,703 square feet crosswalks cleaned.	
7,768 square feet of approaches to crosswalks have been filled in with broken stone and screenings.	
2,923 linear feet curb-stones set.	
2,100 linear feet curb-stones removed.	
173,501 square feet pavement taken up and relaid.	
1,205 cubic yards rock blasted.	
1,494 linear feet guard-rails erected.	
145 linear feet guard-rails repaired.	
45 bridges repaired and cleaned, etc.	
5 bridges painted.	
750 square feet retaining-walls repaired.	
120 cubic yards retaining-walls built.	
146 sunken places in unpaved streets filled in.	
627 trees pruned.	

The following is a summary of the work done in the cleaning and repairing sewers, drains, manholes, etc.:

16,621 linear feet of sewers and drains cleaned, repaired, etc.	
869 receiving-basins and manholes cleaned, repaired, etc.	

Summary Statement of Contracts in Operation during the Year 1891.

26 sewer contracts, estimated cost	\$459,462 56
59 contracts for regulating, grading, curbing, flagging and paving	1,032,283 40
1 contract for cleaning Brook avenue sewer	7,500 00
14 contracts, under \$1,000 each	6,313 27
2 contracts for broken trap-rock stone and screenings	47,818 00
102 contracts, total estimated cost	\$1,553,377 23

Contracts Completed.

14 sewer contracts, cost	\$90,633 88
33 contracts for regulating, grading, curbing, flagging and paving	386,509 36
10 contracts, under \$1,000 each, cost	3,659 15
1 contract for broken trap-rock stone and screenings, cost	21,891 52
58 contracts, total cost	\$502,693 91

Statement of Appropriations and Expenditures for the Year 1891.

TITLE OF APPROPRIATION.	APPROPRIATIONS FOR YEAR 1891.	REQUISITIONS.	BALANCES ON DECEMBER 31, 1891.
Bronx River Bridges	\$1,000 00	\$988 94	\$11 06
Cromwell's Creek Bridges	1,200 00	1,194 57	5 43
Final Maps and Profiles	5,000 00	4,998 61	1 39
Maintenance	170,000 00	169,274 83	725 17
Salaries—Office of Commissioner	20,500 00	19,337 46	1,162 54
Sewers and Drains	10,000 00	9,986 12	13 88
Cleaning Brook Avenue Sewer	9,000 00		9,000 00
Surveying, Laying-out, Maps, Plans, etc.	45,000 00	40,400 53	4,599 47
Telephonic Services, Rents and Contingencies	3,500 00	2,779 63	720 37
Total	\$265,200 00	\$248,960 69	\$16,239 31

Against the balance of \$16,239.31 as shown in the above statement, contracts have been entered into and orders given for material to the amount of about \$13,060.04, for which requisitions have not been drawn on the Comptroller, as the invoices have as yet not been forwarded to the Department.

Detailed Statement of Expenditures drawn against the Appropriations of the Year 1891.

Office of Commissioner—	
Salaries of Commissioner, Deputy, Secretary, Clerks, etc.	\$19,337 46
Telephonic services, rent and contingencies—	
Rents	\$2,445 00
Contingent expenses	222 13
Telephone	112 50
	2,779 63
Sewers and Drains—	
Pay-rolls	\$8,620 63
Tools, supplies, etc.	781 55
Lumber	517 51
Retained amount paid Contractor	66 43
	9,986 12
Bronx River Bridges—	
Pay-rolls	\$738 94
Paint	110 00
Lumber	140 00
	988 94
Cromwell's Creek Bridge—	
Tools, supplies, etc.	\$55 00
Pay-rolls	248 62
Paint	67 90
Lumber	822 99
	1,194 57
Surveying, Laying out, Maps, Plans, etc.—	
Salaries, Engineers, Draughtsmen, etc.	\$36,803 20
Traveling expenses	733 98
Engineers' instruments and supplies	2,863 35
	40,400 53
Maintenance—	
Pay-roll	\$118,102 95
Supplies, tools, etc.	5,291 07
Lumber	879 60
Paint	287 19
Rent, Department Yard and Building	760 00
Coal	430 00
Horse-feed, etc.	503 61
Traveling expenses	389 72

Maintenance—

Trap-rock stone	\$41,083 02
Retaining-walls built by contract	240 72
Manholes built by contract	371 05
Repairs to steam rollers	943 50
Shields for Laborers	232 40
	\$169,274 83

Final Maps and Profiles—

Salaries	\$4,781 66
Sundry expenses for instruments, etc.	216 95
	4,998 61

Total \$248,960 69

Street Improvement Fund, chapter 680, Laws of 1886 (assessments on property benefited)—

For salaries, Engineers, Draughtsmen, Inspectors, etc.	\$56,632 88
Payments to Contractors:	
For regulating and grading	240,424 48
For paving	182,490 38
For sewers	170,194 16
Re-regulating and grading	5,256 19
For curbing	11,809 06
For receiving-basins	684 60
For City Surveyors' fees	714 42
	\$668,206 17

Local Improvement Fund, chapter 174, Laws of 1885 (assessments on property benefited)—

Salaries, Engineers, Draughtsmen, etc.	272 03
Restoring and Repaving Fund—	
Repairs	983 20
	\$669,461 40

Total Moneys Received by the Department of Street Improvements of the Twenty-third and Twenty-fourth Wards, during the Year 1891, and Transmitted to the City Chamberlain.

From sales of old buildings, etc., at auction	\$5,957 72
From contractors, for use of steam-roller	178 00
For permits issued for sewer connections, removing pavement, building gutter bridges, etc.	6,805 50
Total	\$12,941 22

The following documents marked "A" and "B" respectively, contain statements in detail of the various works done and of the transactions of the Department during the year 1891.

Respectfully,

LOUIS J. HEINTZ,

Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards.

DOCUMENT "A."

CITY OF NEW YORK—COMMISSIONER OF STREET IMPROVEMENTS,  
TWENTY-THIRD AND TWENTY-FOURTH WARDS,  
OFFICE OF CHIEF ENGINEER,  
NEW YORK.

Hon. LOUIS J. HEINTZ, Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards:

SIR—In compliance with your instructions, I hereby submit my report of the transactions coming under my supervision during the year 1891.

There has been a marked increase in the amount of work executed during said year over that of any preceding year.

Since the 1st of January, 1874, the date of annexation, to December 31, 1890, a period of seventeen years, there were two hundred and thirty-one ordinances adopted for public improvements, an average of 13.59-100 per year, while in the single year of 1891, there were fifty-three ordinances adopted.

The following table shows the number of ordinances in each year:

YEAR.	NO. OF ORDINANCES ADOPTED.	YEAR.	NO. OF ORDINANCES ADOPTED.	YEAR.	NO. OF ORDINANCES ADOPTED.
1874	1	1880	3	1886	14
1875	3	1881	10	1887	12
1876	4	1882	40	1888	12
1877	..	1883	28	1889	27
1878	3	1884	13	1890	43
1879	6	1885	12	1891	53

Prior to annexation, but 3 1/4 miles of sewers of all kinds had been built. Since that time to December 31, 1890, 36 1/10 miles have been constructed, making an average of 2 1/10 miles per year. Between January 1, 1891, and December 31, 1891, 4 5/10 miles were constructed.

At the time of annexation there was one mile of paved streets, and at the end of the year 1890 there were 10 2/10 miles of streets paved in the two wards. During the year 1891 4 1/10, or nearly 5 miles of streets were paved.

The following table will show the amount of paving contracted for and laid by years, and the total of paved streets in the Twenty-third and Twenty-fourth Wards at the end of each year:

YEAR.	TRAP-ROCK.		QUANTITIES.		TOTAL MILES PAVED.	
	Square Yards.	Miles.	Square Yards.	Miles.	Each year.	At end of each year.
1874	29,250	1.0	.....	.....	1.0	1.0
1875	14,085	1.49	.....	.....	0.49	1.49
1876	45,960	1.04	.....	.....	1.04	2.53
1877	.....	.....	.....	.....	.....	2.53
1878	.....	.....	.....	.....	.....	2.53
1879	.....	.....	.....	.....	.....	2.53
1880	.....	.....	.....	.....	.....	2.53
1881	.....	.....	.....	.....	.....	2.53
1882	.....	.....	.....	.....	.....	2.53
1883	18,037	0.58	.....	.....	0.58	3.11
1884	25,105	1.21	.....	.....	1.21	4.32
1885	20,486.8	0.86	.....	.....	0.86	5.18
1886	.....	.....	833.3	0.06	0.06	5.24
1887	4,373	0.13	.....	.....	0.13	5.37
1888	14,385	0.4	10,575	0.27	0.67	6.04
1889	15,203.9	0.79	30,860	1.39	2.18	8.22
1890	41,269.4	2.39	8,210	0.3	2.69	10.91
1891	39,125.4	2.25	64,588	2.74	4.99	15.90

## SUMMARY OF WORK DONE.

In submitting a summary of the various kinds of work done during the year I have adopted the following classification:

- A.—Surveying and laying-out, Twenty-third and Twenty-fourth Wards.
- B.—Work relating to monumenting proper.
- C.—Final maps.
- D.—Sewerage and drainage.
- E.—Tax maps.
- F.—Street openings.
- G.—Construction of sewers and appurtenances.
- H.—Street improvements, regulating, grading, paving, etc.

## SURVEYING, LAYING-OUT, ETC.

The work done in 1891 under the above heading can be summarized as follows:

1. Maps prepared for adoption: 17 maps or plans were under consideration for adoption, of which five were approved and are ready for the concurrence of the Board of Street Opening and Improvement.
2. Maps prepared for filing: Triplicate copies of five maps or plans were prepared, of which two were forwarded for filing. During the year the following maps were drawn: 111 maps relating to laying-out, adopting and filing street and sewerage plans. 115 maps relating to monumenting. 37 maps relating to tax maps. 429 maps relating to street opening matters. 100 general maps relating to miscellaneous matters, making a total of 792 maps, covering 2,560 square feet.

The above statement does not include auxiliary sketches and working drawings.

The office and field work necessary for the preparation of the above maps during 1891, cost \$6,684.56.

## "A"—Office Work—Calculations.

- |   |              |
|---|--------------|
| 1. Traverse lines examined.....                                     | 5,180 feet.  |
| 2. Monumental points established.....                               | 169 feet.    |
| 3. Monuments entered into record book.....                          | 1,500        |
| 4. Monument references recorded and indexed.....                    | 200          |
| 5. Instructions prepared for setting monuments.....                 | 167          |
| 6. Length of streets established.....                               | 54,400 feet. |
| 7. Number of blocks determined.....                                 | 110          |
| 8. Instructions prepared for accurate referencing of monuments..... | 22           |
| 9. Miscellaneous instructions and tracings for field parties.....   | 10           |

## "B"—Field Work.

- |  |              |
|--|--------------|
| Accurate measurements taken for—             |              |
| 1. Traverses.....                            | 9,287 feet.  |
| 2. Setting monument points.....              | 13,614 feet. |
| 3. Referencing monuments.....                | 4,040 feet.  |
| 4. Testing monuments.....                    | 3,086 feet.  |
| 5. Number of monument points set.....        | 136          |
| 6. Number of monument points referenced..... | 53           |
| 7. Number of monument points tested.....     | 13           |

This work was done at a cost of \$5,080.

The following is a summary statement of the work done on the final maps during the year 1891:

Section I. is entirely completed.  
Section II. is completed with the exception of such dimensions and grades as may be subject to change upon the plans proposed.

Section I. is bounded by Third, Westchester and St. Ann's avenues and Harlem Kills.  
Section II. is bounded by St. Ann's, Westchester and Robbins avenues, East One Hundred and Forty-ninth and Bungay streets and East river and the Harlem Kills.

## "A"—Office work on Sections I. and II.:

- |  | Section I.   | Section II.  |
|--|--------------|--------------|
| 1. Length of streets established.....              | 73,157 feet. | 85,379 feet. |
| 2. Length of N. S. bulkhead lines established..... | 4,281 feet.  | 7,182 feet.  |
| 3. Number of blocks established.....               | 82           | 92           |
| 4. Number of monuments established.....            | 131          | 157          |
| 5. Instruction sheets issued to field party.....   | 16           | 15           |
| 6. Number of monument tests examined.....          | 117          | 34           |
| 7. Total area of sections.....                     | 353.2 acres  | 514.6 acres. |

## "B"—Field work on Sections I. and II.:

- |  | Section I.   | Section II.  |
|--|--------------|--------------|
| 1. Accurate measurements for testing monuments and lines.....    | 26,530 feet. | 16,025 feet. |
| 2. Number of monuments tested.....                               | 80           | 34           |
| 3. Length of avenues and streets on which levels were taken..... | 9,250 feet.  | 35,940 feet. |
| 4. Number of building located.....                               | 45           | 15           |

The maps or plans of Sections III., IV. and V. have been plotted on a scale of 150 feet to one inch, showing the existing filed street system, and one copy of each has been made. A new plan for the street system for the eastern portion of the Twenty-third Ward has been designed covering the area bounded by Prospect and Westchester avenues and Bronx and East rivers, this map is drawn on a scale of 300 feet to one inch and was exhibited to the property-owners of the district. This work is preliminary to the preparation of Sections III., IV. and V.  
The total appropriation of \$5,000 has been expended.

The following is the amount of work done on the sewerage and drainage plans during the year 1891:

## "D."

- I.—Studies and plans are in preparation for three sewerage districts.
- II.—Studies and plans have been prepared and are ready for adoption for:
  1. Plan for outlet sewer in East One Hundred and Thirty-eighth street and Harlem river, affecting 3,800 feet of sewer and draining 19 acres.
  2. Plans for main outlet sewer in Jerome avenue, draining about 934 acres, with 67,270 feet of branches leading to this sewer.
  3. Plan for outlet sewer south of Devoe street into the Harlem river, draining 36.7 acres.
  4. Plan for outlet sewer in Fordham Landing road, draining 256 acres.
  5. Plan of sewerage for the Port Morris District was revised.

III.—Studies and plans for sewerage districts adopted by the Commissioner of Street Improvements and ready for the concurrence of the Board of Street Opening and Improvement.

1. Sewerage District 33V, determining the sizes and elevations of 5,450 feet of sewers and draining 22 acres.
2. Sewerage District 37A, 22,900 feet of sewer and 127 acres.
3. Sewerage District 33U. This district was filed before, but the depression of the Harlem Railroad, which caused so many changes of grade that it became necessary to revise the whole district. This plan determines 94,140 feet of sewer, draining 406 acres.  
Total lengths of sewers on maps adopted is 122,440 feet.  
This work was done at the cost of \$1,115.

## "E"—Tax Maps.

This Department is charged with the preparation of tax maps showing all subdivisions of real estate in the Twenty-third and Twenty-fourth Wards. The task is no easy one on account of the roughness of original surveys from which the deed descriptions are drawn, necessitating the actual examination on the ground of all property lines. This work depends upon the completion of the laying-out and monumenting; it can never precede it, as the relative positions of property and street lines can only be arrived at when the latter are definitely established. Any compilation of existing maps would be worse than worthless as tending to sanction and perpetuate existing errors.

In the preparation of the tax maps the following information is given:

1. The exact area in city lots and fractions of all property.
2. The exact shape of each lot in addition to its dimensions.
3. The shape and dimensions of all streets.
4. The legal status of streets.
5. The old as well as new names of streets.
6. The titles of all filed maps of property as originally subdivided and when filed.

The following is a summary of work done on tax maps during 1891:

Volume IX. of the Twenty-fourth Ward.

Additions and corrections were made on work previously reported as completed for ten (10) blocks, covering 15,169 city lots. New calculations were made for 19 parcels covering 8,054 city lots, which made this volume complete.

This volume contains one title page, one index to volume, one index to map pages with explanatory remarks, and 25 map pages covering 918 9-100 acres, and was forwarded to the Department of Taxes and Assessments.

All property maps in Volumes X., XI. and XII. of the Twenty-fourth Ward were compiled and their extent plotted on a map whose scale is 300 feet to one inch, for submission to the Department of Taxes and Assessments.

The conveyances in the Twenty-third and Twenty-fourth Wards from the "Real Estate Record and Guide" of 1890 and 1891 were filed and indexed, amounting to \$1,598 conveyances.

Volume X. of the Twenty-fourth Ward:

Final calculations, examinations, searches and comparisons of surveys have been completed, as follows: For 15 blocks covering 667 properties or parcels containing 1,155 city lots. The drafting of 16 office copies on bond paper for this volume is in various stages of completion. 15 search sheets showing the present owners and dimensions of plots obtained from the Register's office at White Plains and City of New York were brought up to date.

Volumes XI. and XII.:

22 search sheets were brought up to date. This work was done at a cost of \$284.

NOTE.—A number of changes in the street systems have been filed by the Board of Parks since the completion of the nine volumes of the Twenty-third Ward and the seven volumes and tax maps of the Twenty-fourth Ward, which show that in districts where the street plans are subjected to alterations too much detail work is bestowed upon them by calculating net and gross acres. There were 26 different changes in the Twenty-third Ward and 18 in the Twenty-fourth Ward, which have been filed and 16 changes covering Twenty-third and Twenty-fourth Wards which have been adopted by the Board of Parks and are not filed yet.

Volumes VIII. and IX. are worked up in accordance with these adopted changes.

## "F."—Street Openings.

This department is charged with furnishing all maps required by the Commissioners of Estimate and Assessment in every proceeding for street opening.

There is a great deal of detail required in this work at any time, but where streets are opened in advance of the completion of the tax maps the labor is increased many times.

The following is a summary of the work done on street openings during 1891:

Surveys, searches and calculations have been completed and the results incorporated in the following maps, which have been delivered.

7 rule maps in triplicate and technical description.

11 draft damage maps with area calculations.

7 draft benefit maps with area calculations.

Final damage and benefit maps in 20 proceedings were prepared, comprising 334 maps.

Surveys for damage maps in 10 proceedings were made. Maps, catalogues and descriptions were made for the auction sale of buildings, etc., comprising 259 objects on fourteen streets on which the opening proceedings had been confirmed.

This work was done at a cost of \$7,135, which is about one-third of the amount of the fees allowed to City Surveyors for such work.

## List of Proceedings Pending at the Present Date.

- |   |  |
|---|--|
| 1. Brook avenue.                                | 33. Wolf street.                                 |
| 2. Brown place.                                 | 34. East One Hundred and Thirty-fifth street.    |
| 3. Bergen avenue.                               | 35. Woodruff street.                             |
| 4. East One Hundred and Sixty-fourth street.    | 36. Featherbed lane.                             |
| 5. East One Hundred and Sixty-eighth street.    | 37. Kappock street.                              |
| 6. East One Hundred and Seventy-fourth street.  | 38. Whiting street.                              |
| 7. Alexander avenue.                            | 39. Spuyten Duyvil road.                         |
| 8. Brookline street.                            | 40. Willow avenue.                               |
| 9. Boscobel avenue.                             | 41. East One Hundred and Seventy-sixth street.   |
| 10. Forest avenue.                              | 42. Cammann street.                              |
| 11. Marcher avenue.                             | 43. Harlem River Terrace.                        |
| 12. Cedar avenue.                               | 44. Cauldwell avenue.                            |
| 13. East One Hundred and Sixty-seventh street.  | 45. Lind avenue.                                 |
| 14. Mott avenue.                                | 46. Undercliff avenue.                           |
| 15. East One Hundred and Seventy-eighth street. | 47. Beach avenue.                                |
| 16. East One Hundred and Thirty-fourth street.  | 48. Independence avenue.                         |
| 17. East One Hundred and Thirty-sixth street.   | 49. Cedar place.                                 |
| 18. East One Hundred and Forty-first street.    | 50. East One Hundred and Seventy-seventh street. |
| 19. East One Hundred and Forty-fourth street.   | 51. Freeman street.                              |
| 20. East One Hundred and Fifty-sixth street.    | 52. Boston avenue.                               |
| 21. East One Hundred and Sixty-third street.    | 53. Albany road.                                 |
| 22. East One Hundred and Sixty-fifth street.    | 54. Decatur avenue.                              |
| 23. East One Hundred and Seventy-fifth street.  | 55. Fort Independence street.                    |
| 24. River avenue.                               | 56. East One Hundred and Seventy-ninth street.   |
| 25. Third avenue.                               | 57. Welch street.                                |
| 26. Walton avenue.                              | 58. Pelham avenue, extension.                    |
| 27. Willis avenue.                              | 59. Lowell street.                               |
| 28. Johnson avenue.                             | 60. Intervale avenue.                            |
| 29. Bailey avenue.                              | 61. East One Hundred and Thirty-seventh street.  |
| 30. Depot place.                                | 62. Jackson avenue.                              |
| 31. Robbins avenue.                             | 63. Macombs street.                              |
| 32. Union street.                               |  |

NOTE.—Work for any of the above proceedings may be called for at any time.

## Recapitulation of the Expenditures for Carrying on the Work in the Bureau of Topography During 1891.

"A."—Surveying, laying-out, plans and profiles for adoption and filing (office and field work and clerical work).....	\$6,684 56
"B."—Surveying and monumenting.....	5,080 00
"C."—Final maps.....	5,000 00
"D."—Plans for sewerage and drainage.....	1,115 00
"E."—Tax maps.....	2,849 00
"F."—Street opening matters.....	7,135 00
"G."—Traveling expenses.....	275 00
"H."—Instruments and supplies, alterations and improvements of office, etc. (approximately).....	1,290 00
"I."—One-half salary of Chief Engineer.....	2,500 00

Grand Total..... \$31,928 56

Comparative statement of the amounts expended by the Department of Public Parks on work in the Bureau of Topography, relating to the Twenty-third and Twenty-fourth Wards and upper end of Twelfth Ward, since January 1, 1875. (This does not include the amount expended on surveys, maps and plans by the Bureau of Construction.)

YEAR.	SURVEYING, LAYING-OUT AND MONUMENTING.	TAX MAPS.	SURVEYING, MAPS AND PLANS.	TOTAL.
1875.....	\$34,326 29	.....	.....	\$34,326 29
1876.....	23,867 90	.....	.....	23,867 90
1877.....	20,134 73	.....	.....	20,134 73
1878.....	9,976 49	.....	.....	9,976 49
1879.....	10,000 00	\$2,152 26	.....	12,152 26
1880.....	9,988 67	10,000 00	.....	19,988 67
1881.....	10,000 00	6,141 68	\$2,122 70	18,263 78
1882.....	7,275 77	6,611 91	4,413 66	18,901 34
1883.....	14,218 66	11,556 93	5,985 82	31,761 41
1884.....	10,588 55	8,970 22	7,918 49	27,877 26
1885.....	15,487 00	8,800 55	19,321 36	43,608 91
1886.....	10,145 81	4,993 79	16,394 80	31,534 40
1887.....	7,690 46	7,304 22	14,870 05	29,864 73
1888.....	10,359 54	9,576 34	19,101 21	39,037 09
1889.....	15,000 00	15,000 00	19,636 00	49,636 00
1890.....	12,500 00	12,500 00	17,750 00	42,750 00
Total.....	\$222,569 87	\$103,607 35	\$127,514 09	\$453,691 31



*"G."—Construction of Sewers and Appurtenances.*

The following is a summary of work done in Bureau of Sewers during the year 1891:

7,206.75 linear feet of brick sewer.  
16,696.13 linear feet of pipe sewer.  
2,856 spurs for house connections.  
272 manholes.  
58 receiving-basins.  
21,476.57 cubic yards of rock excavation.  
45.9 cubic yards of concrete.  
126.75 cubic yards of broken stone.  
101.1 cubic yards of rubble masonry in mortar.  
9,906.6 linear feet of piles driven and cut off.  
46,421 feet B. M. lumber for foundation.  
81,907 feet B. M. lumber as sheeting.  
46 preliminary surveys and rock soundings made.  
38 plans for sewers, etc., completed and preliminary estimates.  
29 sewer plans in progress.  
29 duplicate tracings of plans, etc.  
41 proposals for estimates, contracts and specifications, and forms of bids prepared or read, revised and corrected.  
12 assessment lists and plans completed.  
12 assessment lists and plans in progress.

*"H."—Street Improvements—Regulating, Grading, Paving, etc.*

Summarized statement of work done during the year 1891:

54,080 cubic yards of earth excavation.  
30,091 cubic yards of rock excavation.  
280,304 cubic yards of filling.  
101,415 linear feet of new curb.  
5,927 linear feet of old curb.  
377,184 square feet of new flagging.  
11,997 square feet of old flagging.  
44,928 square feet of new bridge-stone.  
64,376 square feet of granite-block pavement.  
35,135 square yards of trap-block pavement.  
14,091 cubic yards of dry rubble masonry.  
123 linear feet of pipe-drain.  
13,200 pounds of vitrified stoneware.  
7,500 feet B. M. lumber.  
5 receiving-basins rebuilt.  
65 surveys made.  
58 plans made.  
52 tracings made.  
82 specifications and estimates made.  
5 assessment lists, with a map frontage of 56,545 linear feet.  
18 contracts in force January 1, 1891.  
53 contracts made during 1891.  
11 contracts in force during the year.  
44 contracts completed during the year.

*Block Pavement.*

Number of contracts in progress (including one private contract).....	21
Number of contracts completed.....	14
Number of new contracts made.....	16
Total distance in miles during 1891.....	4.99
Total distance in miles prior to 1891.....	10.91
Total distance in miles prior to 1892.....	15.90

*Street Openings for Service Pipes and Gas-mains.*

578 openings have been made and inspected throughout the Twenty-third and Twenty-fourth Wards, for the purposes of laying gas-mains, service pipes, etc., for the year ending December 31, 1891.

*Electric-light Poles.*

198 street openings have been made and inspected for electric-light poles in the Twenty-third and Twenty-fourth Wards during the year 1891.

*Depression of the Tracks of the New York and Harlem Railroad.*

The following is a summary of the work done on the depression of the New York and Harlem Railroad, and the Port Morris Branch Railroad, during the year 1891:

Mason work was done at the crossings of the following streets:  
One Hundred and Fifty-sixth street, Third avenue, One Hundred and Sixtieth, One Hundred and Sixty-first, One Hundred and Sixty-second, One Hundred and Sixty-third and One Hundred and Sixty-fourth streets, on the Port Morris Branch, and One Hundred and Fifty-sixth, One Hundred and Fifty-seventh, One Hundred and Fifty-eighth, One Hundred and Sixtieth, One Hundred and Sixty-first, One Hundred and Sixty-second, One Hundred and Eighty-first, One Hundred and Eighty-second, One Hundred and Eighty-third, One Hundred and Eighty-fourth, One Hundred and Eighty-fifth, and One Hundred and Eighty-seventh streets, on the main line.

18-inch pipe sewer, with an 8-inch connection, at One Hundred and Sixty-third street, on the west depression, to connect silt-basins.

Box-drain was laid between One Hundred and Seventy-first and One Hundred and Seventy-second streets on Vanderbilt avenue, East.

Sewer at One Hundred and Eighty-fourth street was built across the depression.

The bridge at Third avenue near One Hundred and Sixty-first street was completed except between the tracks.

The construction of retaining-walls between One Hundred and Sixtieth and One Hundred and Sixty-fourth streets, on the Port Morris Branch Railroad, have been in progress and are nearly completed.

The westerly bridge abutment at One Hundred and Sixty-second street was completed.

The easterly bridge abutment at One Hundred and Sixty-third street is completed.

Washington Avenue Bridge at One Hundred and Sixty-first street, completed.

The bridge at One Hundred and Sixty-second street and Port Morris Branch is completed.

The bridge at One Hundred and Sixty-third street and Port Morris Branch is completed.

Silt-basins at One Hundred and Sixty-first, One Hundred and Sixty-second and One Hundred and Sixty-third streets, on the east side of the Port Morris Branch, completed.

Approaches were made at Washington avenue and One Hundred and Sixty-first street (Port Morris Branch Railroad), One Hundred and Sixty-second and One Hundred and Sixty-third Street Bridges.

On the main line, filling was put in on the north and south sides of the approach at One Hundred and Forty-fourth street, on Railroad avenue, East, also on the south side of approach at One Hundred and Forty-ninth street, on Railroad avenue, East.

*List of Contracts Awarded by the Department of Street Improvements since January 1, 1891.*

No.	NAME OF WORK.	CONTRACTOR.	AMOUNT.	WHEN COMPLETED.
1	Regulating, etc., and paving Lincoln avenue, from Southern Boulevard to Harlem river.....	A. E. Moran.....	\$8,282 00	Aug. 31, 1891
2	Regulating, paving and crosswalks, One Hundred and Fifty-fourth street, from Third to Courtlandt avenue.....	W. J. Clark.....	5,702 50	June 6, "
4	Curbing, flagging and crosswalks, Westchester avenue, from Prospect avenue to Southern Boulevard.....	F. C. Hopkins.....	11,268 25	Nov. 6, "
5	Regulating, etc., and paving One Hundred and Forty-ninth street, from Third to Morris avenue.....	J. White.....	8,418 00	Aug. 31, "
6	Sewers, etc., One Hundred and Forty-seventh street and Third avenue, between One Hundred and Forty-sixth and One Hundred and Forty-seventh streets.....	J. E. Baxendale.....	1,801 00	July 25, "
7	Regulating, etc., and paving One Hundred and Forty-ninth street, from Robbins avenue to Southern Boulevard.....	J. Pollock.....	14,335 00	Sept. 8, "
8	Regulating, etc., and paving One Hundred and Fifty-first street, from Courtlandt to Railroad avenue, East.....	W. J. Kelly.....	9,407 00	Nov. 27, "
9	Regulating, etc., and paving One Hundred and Fiftieth street, from Third to Courtlandt avenue.....	A. Low.....	6,912 50	Oct. 10, "
10	Regulating, grading, etc., One Hundred and Fifty-sixth street, from Third to St. Ann's avenue.....	".....	5,920 25	".....
11	Regulating, grading, etc., Bristow street, from Stebbins to Poston avenue.....	M. J. Leahy.....	6,139 93	Nov. 16, 1891
12	Regulating, grading, etc., Devoe street, from Ogden to Bremer avenue.....	C. W. Collins.....	4,895 40	Dec. 15, "

No.	NAME OF WORK.	CONTRACTOR.	AMOUNT.	WHEN COMPLETED.
13	Regulating, grading, etc., One Hundred and Fifty-fifth street, from Courtlandt to Railroad avenue, East.....	J. Kenny.....	\$3,182 25	Sept. 28, 1891
14	Regulating, grading, etc., One Hundred and Thirty-ninth street, from Willis to St. Ann's avenue.....	R. Wood.....	6,438 50	Dec. 15, "
15	Regulating, etc., and paving One Hundred and Forty-fifth street, from Third avenue to One Hundred and Forty-sixth street.....	Del Genovese & Towle.....	5,270 25	Oct. 3, "
16	Sewers, etc., German place, from Westchester avenue to One Hundred and Fifty-sixth street.....	Fox & Lubker.....	4,221 85	" 21, "
17	Sewers, etc., Locust avenue, between One Hundred and Thirty-ninth and One Hundred and Fortieth streets.....	J. H. Kerrigan.....	1,748 00	" 19, "
18	Regulating, grading, etc., One Hundred and Forty-seventh street, from Brook to St. Ann's avenue.....	A. Low.....	1,686 70	Sept. 28, "
19	Curbing, flagging, etc., north side Boston avenue, from Jefferson street to Tremont avenue.....	A. Low.....	9,027 75	Dec. 31, "
20	Regulating, grading, etc., Chisholm street, from Jennings street to Stebbins avenue.....	W. F. Murray.....	11,102 73	".....
21	Regulating, grading, etc., One Hundred and Sixty-ninth street, from Franklin avenue to One Hundred and Sixty-seventh street.....	M. J. Leahy.....	34,819 00	".....
22	Regulating, etc., and paving Brook avenue, from One Hundred and Thirty-second to One Hundred and Fifty-sixth street.....	William Kelly.....	86,716 00	".....
23	Regulating, grading, etc., One Hundred and Fifty-fourth street, from Courtlandt to Morris avenue.....	C. W. Collins.....	2,845 80	Nov. 13, 1891
24	Regulating, grading, etc., One Hundred and Thirty-eighth street, from Rider avenue to Railroad avenue, East.....	C. W. Collins.....	3,758 25	Oct. 3, "
25	Regulating, grading, etc., One Hundred and Sixty-seventh street, from Vanderbilt to Third avenue.....	T. J. Riley.....	2,750 40	Dec. 17, "
26	Regulating, grading, etc., Hampden street, from Sedgwick to Jerome avenue.....	W. F. Murray.....	19,209 75	".....
27	Regulating, grading, etc., One Hundred and Seventieth street, from Third to Franklin avenue.....	M. J. Leahy.....	".....	".....
28	Curbing, flagging, etc., Brook avenue, between One Hundred and Sixty-fifth street and Third avenue.....	Clark & Blenderman.....	7,062 25	Dec. 12, 1891
30	Regulating, grading and paving One Hundred and Thirty-eighth street, from Railroad avenue, East, to Madison Avenue Bridge.....	F. Bohmer, Jr.....	9,442 75	".....
31	Regulating, etc., and paving Morris avenue, from One Hundred and Forty-eighth to One Hundred and Fifty-second street.....	J. Pollock.....	10,517 80	Nov. 28, 1891
32	Regulating, etc., and paving Morris avenue, from One Hundred and Thirty-ninth to One Hundred and Fortieth street.....	J. Pollock.....	6,318 70	" 7, "
33	Regulating, etc., and paving One Hundred and Forty-third street, from Third avenue to One Hundred and Forty-fourth street.....	F. Thilemann, Jr.....	6,951 75	Dec. 10, "
34	Regulating, grading, etc., One Hundred and Sixty-third street, from Brook to Third avenue.....	F. Thilemann, Jr.....	5,123 00	".....
35	Regulating, grading, etc., One Hundred and Seventy-third street, between New York and Harlem Railroad and Weeks street.....	R. McLoughlin.....	17,109 80	".....
36	Regulating, etc., and paving One Hundred and Thirty-fourth street, from Brook avenue to Southern Boulevard.....	M. Baird.....	8,153 40	Jan. 11, 1892
37	Regulating, grading, etc., College avenue, from Morris avenue to One Hundred and Forty-sixth street.....	J. Kenny.....	2,761 42 1/2	Dec. 15, "
38	Sewers, etc., Wales avenue, from One Hundred and Forty-ninth to Kelly street, and branch.....	D. Ryan.....	9,059 80	".....
39	Regulating, grading, etc., One Hundred and Thirty-eighth street, from Southern Boulevard to east of Locust avenue.....	L. E. De La Vergne.....	8,900 50	".....
40	Sewers, etc., south side of Southern Boulevard, east and west of Willis avenue.....	J. A. Devlin.....	2,888 50	".....
41	Regulating, grading, etc., One Hundred and Seventy-third street, from Third avenue to Vanderbilt avenue, East.....	P. Handibode, Jr.....	3,691 50	".....
42	Regulating, etc., and paving One Hundred and Thirty-fifth street, from Brook to Cypress avenue.....	J. White.....	8,722 00	".....
43	Sewers, etc., in One Hundred and Thirty-second street, from Brook to Trinity avenue, with branches.....	F. Padula.....	6,456 25	".....
44	Recurbing, etc., and paving One Hundred and Fifty-third street, from Third to Courtlandt avenue.....	W. J. Kelly.....	5,164 63	".....
45	Regulating, etc., and paving One Hundred and Forty-ninth street, from New York Central Railroad to Mott avenue.....	F. Thilemann, Jr.....	3,675 00	Jan. 13, 1892
46	Sewers, etc., in One Hundred and Seventieth street, from Third to Washington avenue.....	M. Lipps.....	2,330 74	".....
47	Regulating, grading, etc., Juliet street, from Mott to Walton avenue.....	W. G. Leeson.....	9,917 14	".....
48	Regulating, grading, etc., One Hundred and Forty-sixth street, from Third avenue to Railroad avenue, East.....	W. G. Leeson.....	10,575 25	".....
49	Regulating, grading, etc., One Hundred and Fifty-second street, from Courtlandt avenue to Railroad avenue, East.....	C. W. Collins.....	7,372 50	".....
50	Regulating, grading, etc., One Hundred and Eighty-fourth street, from Jerome to Vanderbilt avenue.....	P. Handibode, Jr.....	35,623 75	".....
51	Sewers, etc., both sides of Southern Boulevard, from Brook avenue to One Hundred and Thirty-seventh street.....	M. J. Leahy.....	28,974 75	".....
52	Regulating, grading, etc., Burnside avenue, from Sedgwick to Webster avenue.....	C. W. Collins.....	82,446 00	".....
53	Sewer cleaning, Brook avenue, from Bronx Kills to One Hundred and Sixty-fifth street.....	E. N. Lynch.....	7,500 00	".....
54	Sewers, etc., both sides Southern Boulevard, from One Hundred and Thirty-seventh to One Hundred and Thirty-eighth street.....	J. A. Devlin.....	2,763 00	".....
55	Sewers, etc., in John street, from Brook to Eagle avenue, with branches.....	L. Brosnan.....	13,449 31	".....
56	Sewers, etc., in One Hundred and Forty-second street, from Brook to St. Ann's avenue.....	L. Brosnan.....	3,076 61	".....

*Special Contracts under \$1,000.*

No.	NAME OF WORK.	CONTRACTOR.	AMOUNT.	WHEN COMPLETED.
462	Receiving-basins, northeast and southeast corners of One Hundred and Seventieth street and Vanderbilt avenue, East.....	Kerby & Rogers.....	\$130 00	Oct. 22, 1891
457	Crosswalks, etc., Chisholm street, from Jennings street to Stebbins avenue.....	B. C. Murray.....	208 32	".....
454	Crosswalks, etc., Jennings street, from Union to Stebbins avenue.....	B. C. Murray.....	401 25	Oct. 6, 1891
456	Crosswalks, etc., Bristow street, from Boston to Stebbins avenue.....	B. C. Murray.....	227 80	" 8, "
444	Crosswalks, etc., Jerome avenue, north side of High-bridge road.....	B. C. Murray.....	195 03	" 17, "
468	Receiving-basins, One Hundred and Forty-ninth street, from New York Central Railroad to Mott avenue.....	M. J. Leahy.....	571 25	" 22, "
427	Sewer, etc., in Rose street, from Bergen avenue.....	C. Jones.....	597 50	" 12, "
473	Sewer, etc., in One Hundred and Fifty-third street, from Morris to Railroad avenue, East.....	M. J. Leahy.....	670 00	" 10, "
331	Retaining-wall, Mott avenue, east side, near One Hundred and Fifty-sixth street.....	R. McLoughlin.....	276 00	" 8, "
497	Regulating, grading, etc., One Hundred and Fifty-fifth street, from Third to Elton avenue.....	F. Bohmer, Jr.....	859 00	".....
503	Sewer, etc., in St. Ann's avenue, from Southern Boulevard to One Hundred and Thirty-fourth street.....	C. Jones.....	520 00	Dec. 31, 1890
450	Crosswalks, etc., One Hundred and Thirty-eighth street, from Railroad avenue, East, to Madison Avenue Bridge.....	F. Bohmer, Jr.....	997 50	".....
452	Manhole and drain, Pelham avenue, southeast corner of Third avenue.....	C. Jones.....	310 00	Nov. 4, 1891

*Contracts Awarded by the Department of Public Parks, under way January 1, 1891.*

No.	NAME OF WORK.	CONTRACTOR.	AMOUNT.	WHEN COMPLETED.
213	Regulating, grading, etc., Gerard avenue, from One Hundred and Thirty-eighth street to Jerome avenue.....	Del Genovese & Towle.....	\$112,880 00	".....
209	Regulating, grading, etc., Webster avenue, from One Hundred and Sixty-fifth to One Hundred and Seventy-third street.....	L. E. Spencer.....	50,809 00	June 30, 1891
224	Outlet sewer, One Hundred and Thirty-eighth street, from Long Island Sound to Trinity avenue.....	C. W. Collins.....	29,693 75	Sept. 29, "
235	Sewers, etc., Burnside avenue, from Webster to Creston avenue.....	J. W. O'Grady.....	18,507 00	" 23, "

No.	NAME OF WORK.	CONTRACTOR.	AMOUNT.	WHEN COMPLETED.
128	Outlet sewer in Bungay street.....	J. Curran & Co.....	\$136,892 00	.....
191	Regulating, grading, etc., Third avenue, from ward line to Pelham avenue.....	Allston, Gerry & Co.....	83,838 00	Jan. 12, 1891
244	Sewers, etc., One Hundred and Fifty-second street, from Railroad avenue, East, to Courtlandt avenue.....	Montgomery & Pease....	10,393 50	" 24, "
246	Regulating, grading, etc., One Hundred and Forty-seventh street, from Willis to Brook avenue.....	B. C. Murray.....	10,278 00	Oct. 28, "
249	Regulating and paving Boston avenue, from One Hundred and Sixty-seventh to Jefferson street.....	W. J. Clark.....	31,123 92	May 5, "
160	Regulating, grading, etc., One Hundred and Sixty-first street, from Third to Gerard avenue.....	M. J. Leahy.....	63,821 00	Dec. 15, "
263	Sewers, etc., One Hundred and Forty-seventh street, from Brook to St. Ann's avenue.....	J. L. Leslie Co.....	2,903 00	Mar. 28, "
265	Sewers, etc., One Hundred and Fifty-sixth street, from Railroad avenue, East, to Morris avenue.....	J. L. Leslie Co.....	5,612 30	July 7, "
267	Regulating, grading, etc., One Hundred and Forty-fifth street, from Third to St. Ann's avenue.....	A. E. Moran.....	2,940 50	Apr. 1, "
263	Sewer, etc., in Tinton avenue, from Kelly to Home street.....	F. Thiemann, Jr.....	136,253 50	.....
303	Sewer, etc., in Cypress avenue, from One Hundred and Forty-first to St. Mary's street.....	Built by property owners.	.....	Mar. 27, 1891
260	Regulating, grading, etc., Vanderbilt avenue, East, from One Hundred and Sixty-fifth to north of One Hundred and Seventieth street.....	B. V. Murray.....	17,010 20	Nov. 25, "
271	Regulating, grading, etc., One Hundred and Sixty-ninth street, from New York and Harlem Railroad to Webster avenue.....	F. Bohmer, Jr.....	3,558 00	July 28, "
278	Regulating, grading and paving One Hundred and Thirty-eighth street, from St. Ann's to Trinity avenue.....	J. Pollock.....	12,060 00	May 2, "
280	Sewer, etc., in One Hundred and Fifty-third street, from Morris to Courtlandt avenue.....	J. A. Devlin.....	3,303 50	" 13, "
273	Sewer, etc., in One Hundred and Fifty-fifth street, from Morris to Courtlandt avenue.....	McLoughlin & McGrath..	1,330 00	Mar. 12, "
247	Regulating, grading, etc., Webster avenue, from One Hundred and Seventy-third to One Hundred and Eighty-fourth street.....	E. N. Lynch.....	84,730 00	.....
266	Regulating, grading, etc., One Hundred and Sixtieth street, from Washington to Railroad avenue, East.....	B. C. Murray.....	7,880 80	Oct. 8, 1891
287	Regulating, grading and paving One Hundred and Sixty-ninth street, from New York and Harlem Railroad to Franklin avenue.....	W. Kelly.....	12,395 00	May 29, "
168	Regulating, grading and paving One Hundred and Forty-fifth street, from Third to St. Ann's avenue.....	H. R. Towle.....	12,772 80	July 27, "
284	Sewer, etc., in One Hundred and Sixty-first street, from Washington to Elton avenue.....	M. J. Leahy.....	10,364 70	Nov. 2, "
296	Sewer, etc., in One Hundred and Seventy-third street, from New York and Harlem Railroad to west of Anthony avenue.....	T. J. Gillis.....	5,364 25	June 29, "
268	Sewer, etc., in One Hundred and Fifty-fifth street, from Railroad avenue, East, to Courtlandt avenue.....	M. J. Leahy.....	5,056 00	" 5, "
262	Sewer, etc., in One Hundred and Fifty-eighth street, from Third to Elton avenue.....	Handibode & Cattaberry..	3,405 00	Sept. 16, "
285	Sewer, etc., in One Hundred and Fifty-fourth street, from Morris avenue to west of Courtlandt avenue.....	T. J. Gillis.....	1,578 20	Apr. 9, "
295	Sewer, etc., in One Hundred and Forty-third street, from Brook to St. Ann's avenue.....	M. J. Leahy.....	5,717 50	July 25, "
288	Regulating, grading, etc., One Hundred and Forty-ninth street, from Railroad avenue, East, to Morris avenue.....	Gaffney & Marsich.....	16,473 50	Oct. 19, "
291	Regulating, grading, etc., One Hundred and Seventieth street, from Webster to Third avenue.....	Handibode & Cattaberry..	7,982 75	" 3, "
292	Regulating, grading, etc., Jennings street, from Union to Stebbins avenue.....	Handibode & Cattaberry..	7,285 00	Sept. 19, "
294	Re-regulating, regrading, etc., Morris avenue, from One Hundred and Fifty-third to One Hundred and Fifty-sixth street.....	T. J. Gillis.....	5,525 00	July 2, "

Respectfully submitted,

LOUIS A. RISSE, Chief Engineer.

DOCUMENT "B."

CITY OF NEW YORK—COMMISSIONER OF STREET IMPROVEMENTS,  
TWENTY-THIRD AND TWENTY-FOURTH WARDS,  
OFFICE OF SUPERINTENDENT OF MAINTENANCE,  
NEW YORK, January 21, 1892.

Hon. LOUIS J. HEINTZ, Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards:

SIR—Pursuant to instructions, I respectfully submit a statement of the amount and character of the work done in the Twenty-third and Twenty-fourth Wards under my supervision during the year 1891.

During the year work was actively pushed in the repairing and improving of earth roads, which was not confined to principal thoroughfares merely, but all streets in the Twenty-third and Twenty-fourth Wards that are traveled upon, and they were placed in the best condition possible with the means at hand.

The following are the items of work done in building and repairing macadam, also of road-beds graveled:

321,138 square feet new macadam built.  
504,629 square feet macadam repaired.  
142,557 square feet Telford foundation laid.  
90,930 square feet Roa Hook gravel spread.

Appended is a statement of repairs done to earth roads and of other miscellaneous items of work:

4,057,052 square feet earth roads repaired.  
46,703 cubic yards earth and stone filling used to repair earth roads.  
669,385 linear feet gutters opened.  
1,501 square feet gutters paved with rubble stone.  
59,790 square feet sidewalk repaired.  
796 square feet flagging relaid.  
542 square feet new crosswalk set.  
11,553 square feet crosswalks repaired.  
16,703 square feet crosswalks cleaned.  
7,768 square feet of approaches to crosswalks have been filled in with broken stone and screenings.  
580 square feet plank walk laid.  
2,923 linear feet curb-stones set.  
2,100 linear feet curb-stones removed.  
381 cubic yards loose stone removed.  
173,501 square feet pavement taken up and relaid.  
1,205 cubic yards rock blasted.  
2 stairways repaired.  
23 streets were sprinkled when necessary.  
1,494 linear feet guard rails erected.  
145 linear feet guard rails repaired.  
43 bridges repaired.  
2 bridges cleaned.  
5 bridges painted.  
750 square feet retaining-wall repaired.  
120 cubic yards retaining-wall built.  
146 sunken places, in unpaved streets, filled in.  
627 trees pruned.  
186 trees cut down.  
6 truck loads limbs of trees removed.

The following is a statement of the work done in the cleaning and repairing sewers and drains and building temporary drains:

7,805 linear feet sewers cleaned.  
2,221 linear feet stone drain built.  
5,074 linear feet stone drain cleaned.  
827 linear feet stone drain repaired.  
1,209 linear feet box drain set.  
74 linear feet box drain repaired.  
654 linear feet box drain cleaned.  
635 linear feet pipe drain laid.  
22 linear feet pipe drain cleaned.  
790 basins cleaned.  
10 receiving-basins repaired.

7 receiving-basins built.  
2 gratings set at mouth of basins.  
10 manholes cleaned.  
28 manholes lowered and repaired.  
4 manhole covers reset.  
3,100 linear feet open drains cleaned.

Prior to 1891, temporary drains, such as ordered by the Board of Health, as a sanitary measure, were built of lumber, but as stone is more durable and less expensive, it has been used instead, when it was obtainable.

Particular care and attention has been given to receiving-basins, to free them from silt and other matter.

During the year there have been issued 1,803 miscellaneous permits, and \$6,716.50 was received for the granting of permits, as follows:

For sewer connections.....	\$5,215 00
For restoring pavement.....	1,482 00
For the construction of vaults.....	88 50
For setting gutter bridges.....	21 00

Respectfully submitted,

J. THOMAS STEARNS, Superintendent of Maintenance.

## FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, January 5, 1892.

Present—President Henry D. Purroy, in the chair, and Commissioners S. Howland Robbins and Anthony Eickhoff.

## Appointment.

Richard J. Cunningham, as Inspector of Buildings, Bureau Inspector of Buildings, to take effect from the 6th instant, with salary at the rate of \$1,100 per annum.

Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, January 6, 1892.

Present—President Henry D. Purroy, in the chair, and Commissioners S. Howland Robbins and Anthony Eickhoff.

## Trials.

Fireman 2d grade Ernest T. Plate, Engine 31: Charge 1, "disobedience of orders." Charge 2, "absence without leave." Fined five days' pay.

Assistant Foreman Thomas Kelly, Hook and Ladder 3, "absence without leave." Reprimanded.

Fireman 1st grade Thomas F. Cavanagh, Hook and Ladder 3: Charge 1, "violation sections 47 and 48, article I, Rules and Regulations." Charge 2, "absence without leave." Adjourned.

Fireman 1st grade Thomas Coffey (No. 2), Engine 52: Charge 1, "under the influence of liquor." Charge 2, "neglect of duty." Fined five days' pay on second charge.

Fireman 1st grade William O'Gorman, Engine 52, "neglect of duty." Fined three days' pay.

Fireman 1st grade Timothy F. Sullivan, Engine 17, "reckless driving." Not guilty.

## Requisitions, etc.—Expenditures Authorized.

Cannel coal.....	\$350 00
Forage.....	875 00
Wagon hardware, steam-fittings, etc.....	250 00
Repairs to ladders, fire extinguishers, etc.....	250 00
Construction of cables, pipes, etc.....	800 00
Battery supplies, etc., for Superintendent of Telegraph.....	655 00
Shop sundries and repairs to telegraph apparatus, wagons, etc.....	350 00

## Referred.

Superintendent of Telegraph—For office carpet (laid over). To Acting Supply Clerk, to make requisition.

Foreman in charge of Hospital and Training stables—  
For one horse for Water Tower No. 1..... \$300 00  
For two horses for Engine 42..... 600 00

Back, with directions to select.  
Superintendent of Telegraph.—Specifications for subway work. Referred to the Chairman of the Committee on Telegraph and Supplies.

## Filed.

Foreman in charge of Hospital and Training Stables—Reporting death of horse No. 342.

Foreman of Hook and Ladder 17—Relative to removal of manure from company quarters.

Removal by contractor ordered.

Attorney to Department—Report of money collected for penalties during month of December, 1891, with check therefor, which had been transmitted to the Finance Department. Action approved.

Finance Department—Weekly statement of condition of the appropriation.  
Same—Receipt for security deposits accompanying proposals for furnishing forage, opened on the 31st ultimo.

On recommendation of Chief of the Department, it was ordered that plans and specifications be prepared for new house for quarters of Engine 40.

## Resolution.

Resolved, That an expenditure of twenty dollars be authorized for the survey of the vacant lot on the north side of One Hundred and Fifteenth street, about one hundred feet east of Lenox avenue, and of the lot No. 153, West Sixty-eighth street, occupied by the quarters of Engine Company No. 40.

## Bills and Pay-rolls Audited.

## Schedule No. 127 of 1891, on this date.

Ash & Buckbee, repairs and alterations to buildings.....	\$84 00
Bassett, John W., .....	68 00
Baxter, John F., apparatus, supplies, etc.....	5 00
Clark, William H., .....	79 98
Conover, W. A., .....	50 00
Dobbs, Edwin, .....	50 00
Dobbs, William H., repairs and alterations to buildings.....	810 00
Duffey, Philip, apparatus, supplies, etc.....	30 00
Dunn, Thomas, .....	175 00
Duryee, Joseph W., repairs and alterations to buildings.....	49 33
Equitable Gas-light Company, apparatus, supplies, etc.....	30 13
Frisbee, James G., .....	62 50
Fryer, William J., .....	50 00
Gilroy, T. J. & Co., .....	5 20
Graft & Co., repairs and alterations to buildings.....	78 50
Grand Central Palace Stables, apparatus, supplies, etc.....	30 00
Hayward, S. F. & Co., .....	1 00
Kane & Wright, .....	122 50
Kirk, Charles H., repairs and alterations to buildings.....	18 00
Le Brun, N., apparatus, supplies, etc.....	40 00
Lutz, Joseph, repairs and alterations to buildings.....	25 00
McDermott, M. J., repairs and alterations to buildings.....	19 00
Mannie & Mannie, apparatus, supplies, etc.....	319 00
Miles, William H., Co., apparatus, supplies, etc.....	30 00
Moonan, John, .....	853 05
Murray, John W., .....	40 00
National Chemical Wood Treatment Company, apparatus and supplies, etc.....	179 20
National Press Intelligence Company, repairs and alterations to buildings.....	6 85
New, F., Manufacturing Company, .....	300 00
Northern Gas-light Company, .....	47 20
Nugent, Alfred, new houses, Engine and Hook and Ladder Companies.....	3,330 00
O'Reilly, Cornelius, apparatus, supplies, etc.....	50 00
Priest, Calvin M., .....	30 00
Rawlings & Guy, .....	\$9 35



\$168	00
25	00
7	95
17	00
147	50
75	00
30	00
61	76

\$465	75
54	00
36	00
36	00
36	00
893	14
99	00

Supplies for Superintendent of Telegraph.....	\$527 00
Masonry at quarters of Hook and Ladder 7.....	29 00
"    Department Headquarters.....	49 00
Plastering and painting at quarters of Engine 53.....	808 00
"    "    15.....	00 00
Plumbing at quarters of Engine 17.....	945 00
"    Department Headquarters.....	5 15
"    Fuel Depot No. 12.....	9 00
Plumbing and gas-fitting at quarters of Hook and Ladder 1.....	15 00
Plumbing in Fire-boat "Zophar Mills".....	15 57
Plumbing at quarters of Engine 19.....	38 00
	68 00

Roofing at temporary quarters of Engine 18.....	\$25 00
Articles for issue to Repair Shops.....	540 00
Superintendent of Buildings.....	864 50
Supplies.....	900 00
Repairs to Hook and Ladder Truck, registered number 19.....	690 00
One horse for Hook and Ladder 15.....	300 00

*Referred.*

Foreman in charge of Hospital and Training Stable—For one horse for Engine 2, one horse for Engine 19, and one horse for Engine 22, estimated cost of \$900. Back, with direction to select.

Foreman of Engine 51—For a new building on Pier 58, North river, for use of men on the fire-boat "Zophar Mills." To Chairman of Committee on Buildings and Apparatus.

*Filed.*

Chairman of Committee on Buildings and Apparatus—Returning, approved, the recommendation of the Chief of Department that Hook and Ladder Trucks, registered numbers 30 and 31, be rebuilt. Approved, with directions to advertise for proposals.

Acting Supply Clerk—Stating that it is necessary to advertise for coal. To advertise.

Foreman in charge of Repair Shops—Reporting receipt of one steel roller frame, Hook and Ladder Truck, registered number 39, from Rumsy & Co., Seneca Falls, N. Y. Time for delivery under contract extended to date of receipt.

Board of Estimate and Apportionment—Copy of preamble and resolution relating to transfers of annual appropriations.

*Bills and Pay-rolls Audited.**Schedule No. 130 of 1891, on this date.*

Arthur Arcander, repairs and alterations to buildings.....	\$45 00
Ash & Buckbee, .....	89 90
Bennett, Warren C., apparatus, supplies, etc.....	9 45
Berry, Charles C., .....	8 40
Breen, William, repairs and alterations to buildings.....	18 00
Castles, John, apparatus, supplies, etc.....	94 71
Cole, W. L. & Co., .....	42 15
Cort, J. H., .....	346 71
Dohlman, I. H., .....	300 00
East River Electric Construction Company, placing fire-alarm conductors underground	19 00
Edison Illuminating Company, apparatus, supplies, etc.....	29 07
Findley, W. L., .....	79 96
Hanson & Morrison, .....	18 71
Harkness Fire Extinguisher Company, .....	51 28
Hayes, George, repairs and alterations to building.....	36 50
Knopp, A. D., .....	61 25
Mitchell, James, apparatus, supplies, etc.....	42 45
Morrison, Richard H., .....	14 30
Neal's Sons, John, repairs and alterations to buildings.....	32 58
New York Cable Company (L'td), apparatus, supplies, etc.....	30 00
Patterson, Gottfried & Hunter (L'td), .....	10 18
Schwabland, John, .....	525 00
Seery, Peter, .....	62 84
Shields, John R., .....	115 99
Smith Manufacturing Company, .....	7 50
Trask & Carmichael, repairs and alterations to buildings.....	20 00
Westervelt, A. B. & W. T., .....	47 50
	\$2,158 43

*Schedule No. 3 of 1892, on this date.*

Extra Telegraph Force Pay-roll, apparatus, supplies, etc.....	\$686 45
Headquarters Pay-roll, salaries.....	63 00
Engine Co. 43 Pay-roll, salaries.....	42 00
" 51 .....	42 00
" 57 .....	42 00
Repair Shops Pay-roll, salaries.....	1,224 23
Hospital Stables.....	115 50
	\$2,215 18

*Appointments.*

As Ununiformed Firemen, to take effect from the 21st instant, with salary at the rate of \$1,000 per annum:

Joseph M. Cavanagh.	Charles F. McGuire.	Frank Schnepf.
John Connolly.	John T. McKernan.	Henry F. Shaughnessy.
John C. Hussey.	Owen McKernan.	Bartholomew P. Sheridan.
Jacob P. Heck.	Edward J. McMahon.	George W. Silber.
Andrew T. Hyde.	Daniel F. O'Hara.	Henry Stickle.
Edward F. Kielblock.	Charles Ostman.	John Summerhayer, Jr.
Henry A. Kolkebeck.	Louis W. Kiehs.	Thomas J. Tobin.
John A. Kuch.	Michael J. Ryan.	Thomas S. Woods.
John T. McCabe, Jr.		

As Laborer in the Repair Shops, to take effect from the 21st inst., John Scanlon, at \$1.90 per day.

*Communications, etc., Referred.*

Attorney to Department—Returning one fire-escape case of 1890, with recommendation that the complaint be dismissed. Approved. To Superintendent of Buildings.

Superintendent of Telegraph—Reporting places of amusement failing to provide suitable means for transmitting signals in the event of fire. To Attorney for prosecution.

Same—Recommending change in location of street boxes, approved by Chief of Department. Approved. Back.

*Laid over.*

Fireman 1st grade Patrick Mead, Engine 8—Applying to be relieved from active service.

Advancement in Grade, from Second to First Grade, from the 15th instant.

Albert E. Jenkins, Engine 7.

Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, January 27, 1892.

Present—President Henry D. Purroy, in the chair, and Commissioners S. Howland Robbins and Anthony Eickhoff.

*Trial.*

Assistant Foreman Samuel Banta, Hook and Ladder 7, "neglect of duty." Fined five days' pay.

*Requisitions, etc.—Expenditures Authorized.*

Twelve new street boxes.....	\$864 00
Masonry at Repair Shops.....	187 00
Plumbing at quarters of Engine 34.....	28 00
" 27.....	31 00
" 52.....	35 00
" 24.....	39 00
" and gas-fitting at quarters of Hook and Ladder 4.....	55 20
Tinsmithing at quarters of Engine 53.....	55 00
" 48.....	60 00
Extinguisher charges.....	185 50
Supplies.....	797 80
Harness, nozzles, etc.....	820 50
Sections and hydrant connections.....	870 00
Repairs to wagon, Deputy Chief of Department.....	76 80
One horse for Hook and Ladder 22.....	300 00
Two horses for Engine 30.....	600 00

*Referred.*

Foreman in charge of Hospital and Training Stables—

One horse for Engine 7..... \$300 00

Two horses for Engine 27..... 600 00

Back with directions to select.

Mineralized Rubber Company—Relative to trial of hose. To Chief of Department, for report whether any special defect in hose has recently developed.

*Filed.*

Foreman in charge of Hospital and Training Stables—Recommending sale of horses unfit for further service in the Department. To advertise.

*Pay-rolls Audited.**Schedule No. 4 of 1892, on this date.*

Extra Telegraph Force Pay-roll, apparatus, supplies, etc.....	\$672 12
Headquarters Pay-roll, salaries.....	63 00
Engine Company 43 Pay-roll, salaries.....	42 00
" 51 .....	42 00
" 57 .....	46 00
Repair Shops.....	1,268 10
Hospital Stables.....	115 50
	\$2,248 72

*Communications, etc., Referred.*

Inspector of Combustibles—Reporting violations of law. Back, with directions to enforce collection of the penalties.

Same—Recommending prosecution of George R. Perry for failure to comply with resolution directing the removal of loxes, etc. Approved and referred to Attorney with instructions to carry out.

Same—Recommending remission of penalties. Approved. Back, with instructions to carry out.

Attorney to Department—Returning one violation case of 1892, and one violation case of 1891, with recommendation that complaints be dismissed. Approved. To Superintendent of Buildings.

Same—Returning one violation case of 1892, and two fire-escape cases of 1891, with recommendation that complaints be dismissed. Approved. To Superintendent of Buildings.

Michael O'Reilly—Request for permission to exhibit a new "Universal" fire apparatus. To Chief of Department.

*Filed.*

Instructor, School of Instruction—Report of members relieved from attendance at School of Instruction.

Foreman of Engine 9—Reporting death of Fireman 1st grade John Sullivan, on the 24th instant.

John Murphy—Request for reinstatement as a Laborer in the Department. Action of the President, instructing the Superintendent of Telegraph to employ the applicant when there is work of the kind formerly performed by him, approved.

Messrs. Tiffany & Co.—Check for \$500 to the Fire Department Relief Fund, as a testimonial of appreciation for valuable services rendered by the Department at fire on the 21st instant. To acknowledge with thanks.

The Chief of Department was personally congratulated by the Board upon the excellent work done by the force under his command at the recent fire in Union Square, and the favorable comments in the public press and by citizens thereon.

*Laid Over.*

Bureau Inspection of Buildings—Reporting that Guy B. Waite, applicant for appointment as Inspector of Buildings, is qualified for the position.

The salary of Driver Charles Smith of the Hospital and Training Stables, was fixed at \$60 per month, from the 7th proximo.

Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, January 28, 1892.

Present—President Henry D. Purroy, in the chair, and Commissioners S. Howland Robbins and Anthony Eickhoff.

The draft of amendments of the laws relative to the erection, alteration, etc., of buildings, as far as section 482, was read and discussed, the Chief of Department, the Superintendent of Buildings, the Attorney to the Department and the Chief Clerk of the Bureau of Inspection of Buildings being also present.

Adjourned.

CARL JUSSEN, Secretary.

HEADQUARTERS FIRE DEPARTMENT,  
NEW YORK, January 30, 1892.

Present—President Henry D. Purroy, in the chair, and Commissioners S. Howland Robbins and Anthony Eickhoff.

The draft of amendments to the laws relative to the erection, alteration, etc., of buildings, from section 482 to section 493, both inclusive, was read and discussed, the Chief of Department, the Superintendent of Buildings, the Attorney to the Department and the Chief Clerk of the Bureau of Inspection of Buildings being also present.

Adjourned.

CARL JUSSEN, Secretary.

## METEOROLOGICAL OBSERVATORY

OF THE

DEPARTMENT OF PUBLIC PARKS  
CENTRAL PARK, NEW YORK.

Latitude 40° 45' 38" N. Longitude 73° 57' 58" W. Height of Instruments above the Ground, 53 feet; above the Sea, 97 feet.

## ABSTRACT OF REGISTERS FROM SELF-RECORDING INSTRUMENTS

For the Week Ending March 19, 1892.

## Barometer.

DATE.	7 A.M.	2 P.M.	9 P.M.	MEAN FOR THE DAY.	MAXIMUM.		MINIMUM.	
					Reduced to Freezing.	Time.	Reduced to Freezing.	Time.
MARCH.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.		Reduced to Freezing.	
Sunday, 13	29.918	29.860	29.900	29.893	29.934	12 P.M.	29.800	0 A.M.
Monday, 14	30.018	30.000	30.086	30.035	30.142	12 P.M.	29.934	0 A.M.
Tuesday, 15	30.188	30.150	30.232	30.190	30.240	12 P.M.	30.142	0 A.M.
Wednesday, 16	30.288	30.200	30.200	30.229	30.296	10 A.M.	30.164	5 P.M.
Thursday, 17	30.230	30.140	30.084	30.151	30.230	7 A.M.	30.000	12 P.M.
Friday, 18	29.800	29.506	29.400	29.569	30.000	0 A.M.	29.350	12 P.M.
Saturday, 19	29.458	29.582	29.698	29.579	29.726	12 P.M.	29.342	2 A.M.

Mean for the week ..... 29.949 inches.  
Maximum " at 10 A.M., March 16th..... 30.296 "  
Minimum " at 2 A.M., March 19th..... 29.342 "  
Range " ..... .954 "



Thermometers.

DATE.	MARCH.	7 A.M.				2 P.M.				9 P.M.				MEAN.				MAXIMUM.				MINIMUM.				MAXIMUM.			
		Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Time.	Wet Bulb.	Time.	Dry Bulb.	Wet Bulb.	Time.	Dry Bulb.	Wet Bulb.	Time.	Dry Bulb.	Wet Bulb.	Time.
Sunday	13	23	22	31	30	25	24	26.3	25.3	33	32	31	30	26.3	25.3	33	32	6 A.M.	32	6 A.M.	21	12 P.M.	20	12 P.M.	83.	1 P.M.	83.	1 P.M.	83.
Monday	14	17	15	25	24	22	21	21.3	20.0	28	4 P.M.	26	4 P.M.	17	7 A.M.	15	7 A.M.	93.	1 P.M.	93.	1 P.M.	93.	1 P.M.	93.	1 P.M.	93.	1 P.M.	93.	1 P.M.
Tuesday	15	19	18	28	27	24	23	23.6	22.6	29	4 P.M.	27	2 P.M.	19	6 A.M.	17	6 A.M.	96.	1 P.M.	96.	1 P.M.	96.	1 P.M.	96.	1 P.M.	96.	1 P.M.	96.	1 P.M.
Wednesday	16	21	20	27	25	28	27	25.3	24.0	36	5 P.M.	30	5 P.M.	20	8 A.M.	19	8 A.M.	98.	2 P.M.	98.	2 P.M.	98.	2 P.M.	98.	2 P.M.	98.	2 P.M.	98.	2 P.M.
Thursday	17	20	19	30	28	33	30	27.6	25.6	36	8 P.M.	31	8 P.M.	20	6 A.M.	19	6 A.M.	95.	11 A.M.	95.	11 A.M.	95.	11 A.M.	95.	11 A.M.	95.	11 A.M.	95.	11 A.M.
Friday	18	27	27	30	29	30	28	29.0	28.0	31	7 P.M.	30	7 P.M.	25	1 A.M.	25	1 A.M.	48.	1 P.M.	48.	1 P.M.	48.	1 P.M.	48.	1 P.M.	48.	1 P.M.	48.	1 P.M.
Saturday	19	25	23	32	30	33	30	30.0	27.6	35	4 P.M.	33	4 P.M.	24	6 A.M.	23	6 A.M.	104.	12 M.	104.	12 M.	104.	12 M.	104.	12 M.	104.	12 M.	104.	12 M.

Dry Bulb. Wet Bulb.  
 Mean for the week..... 26.1 degrees..... 24.7 degrees.  
 Maximum for the week, at 8 P.M., 17th..... 36. " at 4 P.M., 19th..... 33. "  
 Minimum " at 7 A.M., 14th..... 17. " at 7 A.M., 14th..... 15. "  
 Range "..... 19. "..... 18. "

Wind.

DATE.	MARCH.	DIRECTION.			VELOCITY IN MILES.				FORCE IN POUNDS PER SQUARE FOOT.				Time.
		7 A.M.	2 P.M.	9 P.M.	7 A.M.	2 P.M.	9 P.M.	Distance for the Day.	7 A.M.	2 P.M.	9 P.M.	Max.	
Sunday	13	NW	NW	NW	124	99	80	303	1	1 1/4	1 1/2	10	0.30 A.M.
Monday	14	WNW	WNW	WNW	140	136	110	386	1 1/2	3 1/4	2	13	4.50 P.M.
Tuesday	15	W	WNW	NW	121	117	78	316	1	6 1/4	1/2	10	11.30 A.M.
Wednesday	16	N	N	NNW	51	23	22	95	0	0	0	1/4	0.15 A.M.
Thursday	17	N	NW	NNE	71	44	15	130	0	0	0	1 1/4	5.20 A.M.
Friday	18	NE	NE	WNW	86	104	75	265	1 1/2	1 3/4	1/4	6	10 A.M.
Saturday	19	W	W	SW	129	174	124	427	3 1/2	11 1/2	2 1/2	19 1/4	10.40 A.M.

Distance traveled during the week..... 1,923 miles.  
 Maximum force..... 19 1/4 pounds.

DATE.	MARCH.	Hygrometer.				Clouds.				Rain and Snow. Ozone.			
		FORCE OF VAPOR.		RELATIVE HUMIDITY.		CLEAR, O.		OVERCAST, 10.		DEPTH OF RAIN AND SNOW IN INCHES.		OZONE.	
		7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	Mean.
		7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	Mean.	7 A.M.	2 P.M.	9 P.M.	Mean.
Sunday	13	.107	.155	.117	.126	86	89	87	87	8 Cir. S.	6 Cu.	2 Cir.	.....
Monday	14	.063	.117	.101	.094	67	87	86	80	3 Cir.	1 Cir.	0	.....
Tuesday	15	.087	.136	.112	.112	84	88	87	86	0	1 S.	10	.....
Wednesday	16	.096	.112	.136	.115	85	76	88	83	10	2 Cir.	0	6 A.M. 10 A.M. 4.00 .08 8
Thursday	17	.032	.130	.132	.118	85	78	70	78	2 Cir.	10	10	9.30 P.M. 12 P.M. 2.30 .11 0
Friday	18	.147	.149	.130	.142	100	89	78	89	10	10	10	0 A.M. 9.30 A.M. 9.30 .88 7
Saturday	19	.100	.144	.132	.125	74	79	70	74	8 Cu.	2 Cir.	0	.....

Total amount of water for the week..... 1.07 inch.  
 Duration for the week..... 16 hours.  
 Depth of snow..... 10 inches.

DATE.	7 A.M.	2 P.M.
Sunday, Mar. 13	Cold, cloudy.	Cold, cloudy.
Monday, " 14	Cold, windy.	Cold, cloudy.
Tuesday, " 15	Clear, cold.	Clear, cold.
Wednesday, " 16	Cool, pleasant.	Mild, pleasant.
Thursday, " 17	Cool, pleasant.	Mild, overcast.
Friday, " 18	Cold, snowing.	Cold, overcast.
Saturday, " 19	Cold, windy.	Cold, windy.

DANIEL DRAPER, PH. D., Director.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
 NO. 300 MULBERRY STREET,  
 NEW YORK, March 25, 1892.

To the Supervisor of the City Record:

SIR—Pursuant to chapter 226, Laws of 1889, I herewith transmit the following list of appointments and applicants for appointment in the Police Department of the City of New York for the week ending Saturday, March 26, 1892:

Examinations.

NAME.	RESIDENCE.	OCCUPATION.	Result.
Alexander F. Finley	55 Macdougall street.	Bar-tender	Passed.
John Duane	505 West Twenty-sixth street	"	"
Cornelius F. Cronin	436 Cherry street.	Porter	"
Calvin Nash	422 East Sixty-sixth street	Carver	"
Allen Price	446 East Eighty-ninth street	Steam-fitter	Rejected.
Matt J. Reilly	447 West Sixteenth street	Stove-fitter	Passed.
Leopold Exleben	787 Amsterdam avenue	Painter	"
William Hanlon	1206 Third avenue	Lather	Rejected.
August Schimmoller	425 West Fifty-fourth street.	Machinist	Passed.
Joseph Talasco	404 East Seventy-third street.	Cigar-maker	"
Cormack Fox	306 West Forty-seventh street.	Painter	"

Respectfully,  
 WM. H. KIPP, Chief 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 hours of Departments and Courts:

EXECUTIVE DEPARTMENT.

Mayor's Office.  
 No. 6 City Hall, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.  
 HUGH J. GRANT, Mayor. WILLIS HOLLY, Secretary and Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.  
 DANIEL ENGELHARD, First Marshal.  
 FRANK FOX, Second Marshal.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.  
 MICHAEL T. DALY, CHARLES G. F. WAHLE.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.  
 JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FETLEY, Chief Engineer; J. C. LULLEY, Auditor.

BOARD OF ARMORY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.  
 Address EDWARD P. BARKER, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

COMMON COUNCIL.

Office of Clerk of Common Council.  
 No. 8 City Hall, 9 A. M. to 4 P. M.  
 JOHN H. V. ARNOLD, President Board of Aldermen.  
 MICHAEL F. BLAKE, Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS

Commissioner's Office.  
 No. 31 Chambers street, 9 A. M. to 4 P. M.  
 THOMAS F. GILROY, Commissioner; MAURICE F. HOLAHAN, Deputy Commissioner.

Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 JOSEPH RILEY, Register.

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 WM. M. DRAN, Superintendent.

Office of Engineer in Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 HORACE LOOMIS, Engineer-in-Charge.

Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 WILLIAM G. BERGEN, Superintendent.

Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 WM. H. BURKE, Water Purveyor.

Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 STEPHEN MCCORMICK, Superintendent.

Bureau of Streets and Roads.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 JOHN J. RYAN, Superintendent.

Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
 MICHAEL T. CUMMINGS, Superintendent.

Keeper of City Hall

MARTIN J. KRESE, City Hall.

DEPARTMENT OF STREET IMPROVEMENTS

TWENTY-THIRD AND TWENTY-FOURTH WARDS.  
 No. 2622 Third avenue, northeast corner of One Hundred and Forty-first street. Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.  
 LOUIS J. HEINTZ, Commissioner; JOHN H. J. RONNER, Deputy Commissioner; WM. H. TEN EYCK, Secretary.

FINANCE DEPARTMENT.

Comptroller's Office.  
 No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
 THEODORE W. MYERS, Comptroller; RICHARD A. STORRS, Deputy Comptroller; D. LOWBER SMITH, Assistant Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
 WILLIAM J. LYON, First Auditor.  
 DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.  
 Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
 OSBORNE MACDANIEL, Collector of Assessments and Clerk of Arrears.  
 No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets.  
 Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
 Collector of the City Revenue and Superintendent of Markets.  
 No money received after 2 P. M.

Bureau for the Collection of Taxes.

No. 57 Chambers street and No. 35 Reade street Stewart Building, 9 A. M. to 4 P. M.  
 GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.  
 No money received after 2 P. M.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
 THOMAS C. T. CRAIN, City Chamberlain.

Office of the City Paymaster.

No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.  
 JOHN H. TIMMERMAN, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation  
 Staats Zeitung Building, third and fourth floors, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.  
 WILLIAM H. CLARK, Counsel to the Corporation.  
 ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.  
 CHARLES E. LYDECKER, Public Administrator.

Office of Attorney for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.  
 JOHN G. H. MEYERS, Attorney.  
 MICHAEL J. DOUGHERTY, Clerk.

Office of the Corporation Attorney

No. 49 Beekman street, 9 A. M. to 4 P. M.  
 LOUIS HANNEMAN, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.  
 No. 300 Mulberry street, 9 A. M. to 4 P. M.  
 JAMES J. MARTIN, President; WILLIAM H. KIPP, Chief Clerk; T. F. RODENBOUGH, Chief of Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.  
 No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.  
 HENRY H. PORTER, President; GEORGE F. BRITTON, Secretary.  
 Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.  
 Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.  
 Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

FIRE DEPARTMENT.

Nos. 157 and 159 East Sixty-seventh street.  
 HENRY D. PURROY, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.

HUGH BONNER, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

JAMES MITCHELL, Fire Marshal.

Bureau of Inspection of Buildings.

THOMAS J. BRADY, Superintendent of Buildings.

Attorney to Department.

WM. L. FINDLEY.

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent.  
 Central Office open at all hours.

HARLEM RIVER BRIDGE COMMISSION

Washington Building, No. 1 Broadway.  
 Office hours for all, except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, 12 M.

HEALTH DEPARTMENT

No. 301 Mott street, 9 A. M. to 4 P. M.  
 CHARLES G. WILSON, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.  
 ALBERT GALLUP, President; CHARLES DE F. BURNS, Secretary.

DEPARTMENT OF DOCKS.

Battery, Pier A, North river.  
 J. SERGEANT CRAM, President; AUGUSTUS T. DOCHARTY, Secretary.  
 Office hours, from 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.  
 EDWARD P. BARKER, President; FLOYD T. SMITH, Secretary.

DEPARTMENT OF STREET CLEANING.

Stewart Building. Office hours, 9 A. M. to 4 P. M.  
 THOMAS S. BRENNAN, Commissioner; WILLIAM DALTON, Deputy Commissioner; J. Joseph Scully, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.



## CORONERS' OFFICE.

No. 124 Second avenue, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12 P. M.  
MICHAEL J. B. MESSEMER, FERDINAND LEVY, LOUIS W. SCHULTZ, JOHN B. SHEA, Coroners; EDWARD F. REYNOLDS, Clerk of the Board of Coroners

## SURROGATE'S COURT.

New County Court-house. Court opens at 10.30 A. M.  
RASTUS S. RANSOM, Surrogate; WILLIAM V. LEARY, Chief Clerk.

## SUPREME COURT

Second floor, New County Court-house, opens 10.30 A. M.  
CHARLES H. VAN BRUNT, Presiding Justice; WILLIAM J. MCKENNA, Clerk.  
General Term, Room No. 9, WILLIAM LAMB, Jr., Clerk.  
Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk.  
Special Term, Part II., Room No. 18, WILLIAM J. HILL, Clerk.  
Chambers, Room No. 11, AMBROSE A. MCCALL, Clerk.  
Circuit, Part I., Room No. 12, WALTER A. BRADY, Clerk.  
Circuit, Part II., Room No. 14, JOHN LERSCHER, Clerk.  
Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk.  
Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk.  
Judges' Private Chambers, Rooms Nos. 19 and 20, SAMUEL GOLDBERG, Librarian.

## SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.  
General Term, Room No. 35.  
Special Term, Room No. 33.  
Equity Term, Room No. 30.  
Chambers, Room No. 33.  
Part I., Room No. 34.  
Part II., Room No. 35.  
Part III., Room No. 36.  
Judges' Private Chambers.  
Naturalization Bureau, Room No. 31.  
Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.  
JOHN SEDGWICK, Chief Justice; THOMAS BOESE, Chief Clerk.

## COURT OF COMMON PLEAS

Third floor, New County Court-house, 9 A. M. to 4 P. M.  
Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.  
Clerk's Office, Room No. 21, 9 A. M. to 4 P. M.  
General Term, Room No. 24, 11 o'clock A. M. to adjournment.  
Special Term, Room No. 22, 11 o'clock A. M. to adjournment.  
Chambers, Room No. 22, 10.30 o'clock A. M. to adjournment.  
Part I., Room No. 26, 11 o'clock A. M. to adjournment.  
Part II., Room No. 24, 11 o'clock A. M. to adjournment.  
Equity Term, Room No. 25, 11 o'clock A. M. to adjournment.  
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.  
JOSEPH F. DALY, Chief Justice; S. JONES, Chief Clerk.

## COURT OF GENERAL SESSIONS

No. 32 Chambers street. Court open at 11 o'clock A. M.  
FREDERICK SMYTH, Recorder; RANDOLPH B. MARTINE, JAMES FITZGERALD and RUFUS B. COWLEY, Judges.  
Terms open, first Monday each month.  
JOHN F. CARROLL, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

## CITY COURT.

City Hall.  
General Term, Room No. 20.  
Trial Term, Part I., Room No. 20.  
Part II., Room No. 21.  
Part III., Room No. 15.  
Part IV., Room No. 11.  
Special Term Chambers and will be held in Room No. 19, 10 A. M. to 4 P. M.  
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.  
IMON M. EHRLICH, Chief Justice; JOHN B. MCGOLD-RICK, Clerk.

## DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,  
STAATS ZEITUNG BUILDING,  
NEW YORK, January 11, 1892.

IN COMPLIANCE WITH SECTION 817 OF THE New York City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate" of the City and County of New York, for the year 1892, are open and will remain open for examination and correction until the thirtieth day of April 1892.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law.

Applications for correction of assessed valuations on personal estate must be made by the person assessed to the said Commissioners, between the hours of 10 A. M. and 2 P. M., except on Saturdays, when between 10 A. M. and 12 M., at this office, during the same period.

EDWARD P. BARKER,  
THOMAS L. FEITNER,  
EDWARD L. PARRIS,  
Commissioners of Taxes and Assessments.

## DEPARTMENT OF PUBLIC PARKS.

CITY OF NEW YORK—DEPARTMENT OF PUBLIC PARKS,  
Nos. 49 and 51 CHAMBERS STREET,  
March 18, 1892.

## AUCTION SALE.

THE DEPARTMENT OF PUBLIC PARKS WILL sell at Public Auction, by George P. Morgan, auctioneer, on Tuesday, March 29, 1892,

AT 10 O'CLOCK, A. M.,

At the westerly side of Seventh avenue, between One Hundred and Fifty-third and One Hundred and Fifty-fourth streets.

One lot old wrought iron (about 57 tons), consisting of girders and braces taken from Central Bridge.

AT 11 O'CLOCK, A. M.,

At the Arsenal, Sixty-fourth street and Fifth avenue, Central Park.

A quantity of police uniforms (condemned) in lots to suit purchasers, consisting of  
103 Overcoats.  
122 Body coats.  
31 Blouses.  
233 Trousers.  
350 Helmets.

## TERMS OF SALE.

The purchase money to be paid in bankable funds at the time of sale. Purchases to be removed immediately after sale.

By order of the Department of Public Parks,  
CHARLES DE F. BURNS,  
Secretary.

## BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED BY the Board of School Trustees for the Sixth Ward, at the Hall of the Board of Education, No. 146 Grand street, until 10 o'clock A. M. on Friday, April 1, 1892, for erecting a New School Building on the site at Mulberry and Bayard streets.

JOHN F. WHELAN, Chairman,  
ALEX. PATTON, Sec. Secretary,  
Board of School Trustees, Sixth Ward.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Trustees reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the School Trustees and Superintendent of School Buildings.

Dated New York, March 18, 1892.

OFFICE OF THE BOARD OF EDUCATION,  
No. 146 GRAND STREET, NEW YORK CITY.

SEALED PROPOSALS WILL BE RECEIVED at the office of the Board of Education, corner of Grand and Elm streets, until Wednesday, March 30, 1892, at 4 P. M., for supplying the Coal and Wood required for the Public Schools in the city for the ensuing year, say seventeen thousand (17,000) tons of coal, more or less, and one hundred (100) cords of oak and one thousand (1,000) cords of pine wood, more or less. The coal must be of the best quality of white ash—furnace, egg, stove and nut sizes—clean and in good order, two thousand two hundred and forty (2,240) pounds to the ton, from either of the following-named mines, viz.:

Honey-Trock Lehigh.  
Hazelton Lehigh.  
Hymouth white ash.  
Or coal mined by the following companies, viz.:

Philadelphia and Reading.  
Delaware and Hudson Canal Company.  
Delaware, Lackawanna and Western Railroad Co.  
Lehigh and Wilkesbarre Coal Company.  
Lehigh Valley Coal Company.  
Pennsylvania Coal Company.

—and must be delivered in the bins of the several school buildings at such times and in such quantities as required by the Committee on Supplies.

The proposals must state the mines from which it is proposed to supply the coal, which is to be furnished from the mines named if accepted, and must state the price per ton of two thousand two hundred and forty (2,240) pounds.

The quantity of the various sizes of coal required will be about as follows, viz.:

Twelve thousand five hundred (12,500) tons of furnace size.

Three thousand 3,000 tons of egg size.

Eight hundred 800 tons of stove size.

And seven hundred 700 tons of nut size.

The oak wood must be of the best quality; the pine wood must be of the best quality Virginia, first growth and sound. The proposals must state the price per cord of one hundred and twenty-eight (128) cubic feet solid measure for both oak and pine wood. The wood, both oak and pine, must be delivered sawed and split, and must be piled in the yards, cellars, vaults, or bins of the school buildings as may be designated by the proper authorities, and measures for payment are to be made by the Inspector of Fuel of the Board of Education of the said wood so piled in the school buildings.

Proposals must state the price per cord for—

Oak wood, 16-inch lengths, split to stove size.

Oak wood, 12-inch lengths, split to stove size.

Oak wood, 12-inch lengths, split to stove size.

Pine wood, 12-inch lengths, split to stove size.

Pine wood, 12-inch lengths, split to stove size.

Pine wood, 12-inch lengths, split to stove size.

Pine wood, 12-inch lengths, split to stove size.

Pine wood, 12-inch lengths, split to stove size.

Said coal and wood will be inspected, and said coal weighed, under the supervision of the Inspector of Fuel of the Board of Education.

The contractor will be required to present with every bill for deliveries a bill of lading with each boat-load as partial evidence of the kind and quality of the coal claimed to have been delivered, and with all bills to present his affidavit stating the quantity and quality of coal delivered, where the same was weighed, and certifying the correctness of his claim.

The coal and wood must be delivered at the schools as follows: Two-thirds of the quantity of each between the fifteenth of May and the fifteenth of October, and the remainder as required by the Committee on Supplies; the contracts for supplying said coal and wood to be binding until the first day of May, eighteen hundred and ninety-three.

Two stipulated sureties, or bond by one of the Guarantee Companies, for the faithful performance of the contract, will be required, and each proposal must be accompanied by the signatures and residences of the proposer's sureties. No compensation above the contract price will be allowed for delivering said coal and wood at any of the schools, nor for putting or piling the same in the yards, cellars, vaults, or bins of said school buildings.

Proposals must be directed to the Committee on Supplies of the Board of Education, and should be indorsed "Proposals for Coal," or "Proposals for Wood," as the case may be.

The Committee reserves to itself the right to impose such conditions and penalties in the contract as it may deem proper, and to reject any or all proposals received when deemed best for the public interest.

Any further information can be obtained from the Clerk of the Board of Education.

THADDEUS MURPHY,  
WILLIAM H. GRAY,  
ISAAC A. HOPPER,  
R. DUNCAN HARRIS,  
JAMES W. MCBARRON,  
Committee on Supplies.

NEW YORK, March 15, 1892.

## DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
Room 6, No. 31 CHAMBERS STREET,  
NEW YORK, March 18, 1892.

## TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M. on Thursday, March 31, 1892, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR FURNISHING AND DELIVERING CUT STONE AT THE OLD RESERVOIR, CENTRAL PARK.

No. 2. FOR FURNISHING MATERIALS AND PERFORMING WORK IN THE ALTERATIONS TO TWO OF THE BUILDINGS IN WEST WASHINGTON MARKET, ON BLOOMFIELD STREET, between West street and Thirteenth avenue.

No. 3. FOR FURNISHING JANITORS' SUPPLIES FOR USE IN THE PUBLIC BUILDINGS, COURTS AND OFFICES IN CARE OF THE BUREAU OF REPAIRS AND SUPPLIES, DEPARTMENT OF PUBLIC WORKS.

No. 4. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON PRESENT MACADAM PAVEMENT, THE CARRIAGEWAY OF FIFTH AVENUE, from Circle at One Hundred and Tenth street to One Hundred and Twentieth street; ONE HUNDRED AND TWENTYTH STREET, from Fifth to Lenox avenue, and ONE HUNDRED AND TWENTYTH STREET, from Mount Morris to Lenox avenue.

No. 5. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON THE PRESENT STONE-BLOCK PAVEMENT, THE CARRIAGEWAY OF FIFTH STREET, from Avenue B to C.

No. 6. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON THE PRESENT STONE-BLOCK PAVEMENT, THE CARRIAGEWAY OF FIFTY-FIFTH STREET, from Madison to Sixth avenue.

No. 7. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON CONCRETE FOUNDATION, THE CARRIAGEWAY OF ELDRIDGE STREET, from Division to Houston street.

No. 8. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON CONCRETE FOUNDATION, THE CARRIAGEWAY OF LUDLOW STREET, from Division to Houston street.

No. 9. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT, ON CONCRETE FOUNDATION, THE CARRIAGEWAY OF LUDLOW STREET, from Division to Ludlow street, and FIFTH AVENUE, at intersection of Eighth street.

No. 10. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF HOUSTON STREET, from Bowery to Eldridge street and from Ludlow to Lewis street.

No. 11. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF EIGHTH AVENUE, from Hudson to Thirteenth street.

No. 12. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF LISPENARD STREET, from Broadway to West Broadway, and PARK PLACE, from Broadway to Greenwich street.

No. 13. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF THIRD STREET, from Broadway to Sixth avenue.

No. 14. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, WITH CONCRETE FOUNDATION, THE CARRIAGEWAY OF NINTH STREET, from Avenue D to the East river so far as the same is within the limits of grants of land under water.

No. 15. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE CARRIAGEWAY OF NINETY-FIRST STREET, from First to Second avenue.

No. 16. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND EIGHTEENTH STREET, from Madison to Park avenue.

No. 17. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE CARRIAGEWAY OF ONE HUNDRED AND THIRTY-FIRST STREET, from Twelfth avenue to the Boulevard.

No. 18. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND THIRTY-THIRD STREET, from Broadway to Amsterdam avenue.

No. 19. FOR REGULATING AND PAVING WITH MACADAM PAVEMENT THE ROADWAY OF ONE HUNDRED AND EIGHTY-FIRST STREET, from Kingsbridge road to Tenth avenue.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must 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 the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be 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 inclosed 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 refuse or neglect, 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 retained by the City 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 the deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Rooms 1, 10 and 15, No. 31 Chambers street.  
THOS. F. GILROY,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET,  
NEW YORK, March 16, 1892.

## NOTICE OF SALE AT PUBLIC AUCTION.

ON MONDAY, MARCH 28, 1892, AT 1.30 A. M., the Department of Public Works will sell at public auction, on the premises, by Messrs. Van Tassel & Kearney, auctioneers, the following, viz.:

8,000 OLD PAVING BLOCKS ON VACANT LOT SOUTHEAST CORNER FOURTH AVENUE AND THIRTY-FOURTH STREET.

## TERMS OF SALE.

The purchaser must remove the paving blocks on or before the 6th day of April, 1892, otherwise he will forfeit the same, together with all moneys paid therefor, and the Department of Public Works will immediately thereafter remove the paving blocks at the expense of the purchaser.

The purchase money must be paid in bankable funds at the time and place of sale, or the paving blocks will be resold.

MAURICE F. HOLAHAN,  
Acting Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, March 18, 1892.

## NOTICE OF SALE AT PUBLIC AUCTION.

ON THURSDAY, MARCH 31, 1892, AT 10.30 A. M., the Department of Public Works will sell at public auction, by Messrs. Van Tassel & Kearney, auctioneers, at the Corporation Yard, foot of East Sixteenth street, the following, viz.:

A QUANTITY OF THEATRICAL SCENERY, DROP CURTAINS, ETC.; ALSO THEATRICAL PARAPHERNALIA, INCLUDING COSTUMES, PROPERTIES, AND QUANTITIES OF MUSIC AND FURNITURE.

## TERMS OF SALE.

The purchaser must remove the scenery, drop-curtains, etc., etc., within three days from date of sale, otherwise he will forfeit the same, together with all moneys paid therefor, and the same will be resold.

The purchase money must be paid in bankable funds at the time and place of sale, or the scenery, etc., etc., will be resold.

THOS. F. GILROY,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, August 14, 1889.

## TO OWNERS OF LANDS ORIGINALLY ACQUIRED BY WATER GRANTS.

ATTENTION IS CALLED TO THE RECENT act of the Legislature (chapter 449, Laws of 1880), which provides that whenever any streets or avenues in the city, described in any grant of land under water, from the Mayor, Aldermen and Commonalty containing covenants requiring the grantees and their successors to pave, repave, keep in repair or maintain such streets, shall be in need of repairs, pavement or repavement, the Common Council may, by ordinance, require the same to be paved, repaved or repaired, and the expense thereof to be assessed on the property benefited; and whenever the owner of a lot so assessed shall have paid the assessment levied for such paving, repaving or repairing, such payment shall release and discharge such owner from any and every covenant and obligation as to paving, repaving and repairing, contained in the water grant under which the premises are held, and no further assessment shall be imposed on such lot for paving, repaving or repairing such street or avenue, unless it shall be petitioned for by a majority of the owners of the property who shall also be the owners of a majority of the property in frontage on the line of the proposed improvement.

The act further provides that the owner of any such lot may notify the Commissioner of Public Works, in writing, specifying the ward number and street number of the lot that he desires, for himself, his heirs and assigns, to be released from the obligation of such covenants, and elects and agrees that said lot shall be thereafter liable to be assessed as above provided, and thereupon the owner of such lot, his heirs and assigns shall thenceforth be relieved from any obligation to pave, repair, uphold or maintain said street, and the lot in respect of which such notice was given shall be liable to assessment accordingly.

The Commissioner of Public Works desires to give the following explanation of the operation of this act: When notice, as above described, is given to the Commissioner of Public Works, the owner of the lot or lots therein described, and his heirs and assigns, are forever released from all obligation under the grant in respect to paving, repaving or repairing the street in front of or adjacent to said lot or lots, except one assessment for such paving, repaving or repairs, as the Common Council may, by ordinance, direct to be made thereafter.

No street or avenue within the limits of such grants can be paved, repaved or repaired until said work is authorized by ordinance of the Common Council, and when the owners of such lots desire their streets to be paved, repaved or repaired, they should state their desire and make their application to the Board of Aldermen and not to the Commissioner of Public Works, who has no authority in the matter until directed by ordinance of the Common Council to proceed with the pavement, repavement or repairs.

THOS. F. GILROY,  
Commissioner of Public Works.

## DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING,  
CITY OF NEW YORK,  
STEWART BUILDING, No. 280 BROADWAY,  
NEW YORK, March 18, 1892.

## TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE Department of Street Cleaning with the following articles:

675,000 pounds clean No. 1 White Oats.  
270,000 pounds Hay, of the quality and standard known as best Sweet Timothy.  
70,000 pounds good clean Rye Straw.  
1,600 pounds Coarse Salt.  
1,500 pounds Rock Salt.  
600 pounds Oil Meal.  
200 pounds Oatmeal (coarse).

—will be received by the Commissioner of Street Cleaning at the office of said Department, Room 189, Stewart Building, No. 280 Broadway, in the City of New York, until 12 o'clock M. March 30, 1892, at which place and time they will be publicly opened by the Commissioner of Street Cleaning and read.



All of the articles are to be delivered at the Department Stables, Seventeenth street and Avenue C, and No. 614 West Fifty-second street, in such quantities and at such times as may be directed.

No estimate will be received or considered after the hour mentioned.

The form of the agreement, with specifications, showing the manner of payment for the articles, may be seen, and forms of proposals may be obtained at the office of the Department.

Proposals must include all the items, specifying the price per cwt. of Hay, Straw, Oats, Coarse Salt, Rock Salt, Oil Meal and Coarse Oatmeal.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the above shall present the same in a sealed envelope to said Commissioner of Street Cleaning, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Commissioner of Street Cleaning reserves the right to decline any and 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 upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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; 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 Common Council, 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 of 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 sureties for its faithful performance in the sum of four thousand dollars (\$4,000); and that if he shall omit or refuse to execute the same, they shall 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 all his debts of every nature, and over and above his liabilities as bail, surety or 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 is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of two hundred (\$200) dollars. Such check or money must not be inclosed 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 refuse or neglect, 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 to and retained by the City 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.

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 to his or their bid or proposal, 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 relet as provided by law.

THOMAS S. BRENNAN,  
Commissioner of Street Cleaning.

#### NOTICE.

PERSONS HAVING BULKHEADS TO FILL, IN the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, in the Stewart Building.

THOMAS S. BRENNAN,  
Commissioner of Street Cleaning.

#### FIRE DEPARTMENT

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 17, 1892.

#### TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING Eight Hose Wagons to this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 30, 1892, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the description of the apparatuses to be furnished bidders are referred to the specifications, which form part of these proposals.

The form of the agreement (showing the manner of payment for the work), with specifications, may be seen, and forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The apparatuses are to be completed and delivered within one hundred (100) days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at twenty (20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the apparatuses shall present the same in a sealed envelope to said Board, at said office, on or before the day and hour above named,

which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and 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 upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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; 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 Common Council, 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 of 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 sureties for its faithful performance in the sum of two thousand (\$2,000) dollars; 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 all his debts of every nature, and over and above his liabilities as bail, surety or 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 is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of one hundred (\$100) dollars. Such check or money must not be inclosed 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 refuse or neglect, 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 to and retained by the City 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.

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 to his or their bid or proposal, 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 relet as provided by law.

HENRY D. PURROY,  
ANTHONY EICKHOFF,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 17, 1892.

#### TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor, and doing the work required in repairing the fire-eat "William F. Havemeyer," Engine Co. No. 43, of this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 30, 1892, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

The form of the agreement, with specifications, showing the manner of payment for the work, may be seen, and forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate, in addition to inserting the same in figures.

The work is to be completed and delivered within sixty (60) days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired are fixed and liquidated at twenty (20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and 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 upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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; 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 Common Council, 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 of 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 sureties for its faithful performance in the sum of two thousand five hundred (\$2,500) dollars; 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 all his debts of every nature, and over and above his liabilities as bail, surety or 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 is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of one hundred and twenty-five (125) dollars. Such check or money must not be inclosed 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 refuse or neglect, 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 to and retained by the City 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.

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 to his or their bid or proposal, 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 relet as provided by law.

HENRY D. PURROY,  
ANTHONY EICKHOFF,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
CITY OF NEW YORK,  
NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, March 17, 1892.

#### TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING TWO steel frame hook and ladder trucks will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, March 30, 1892, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.

For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

The form of the agreement (with specifications) showing the manner of payment for the work, may be seen, and forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The trucks to be completed and delivered within one hundred (100) days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at twenty (20) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and 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 upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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; 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 Common Council, 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 of 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 its faithful performance in the sum of one thousand seven hundred (\$1,700) dollars; 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 all his debts of every nature, and over and above his liabilities as bail, surety or 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 is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of eighty-five (85) dollars. Such check or money must not be inclosed 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 refuse or neglect, 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 to and retained by the City 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.

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 to his or their bid or proposal, 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 relet as provided by law.

HENRY D. PURROY,  
ANTHONY EICKHOFF,  
Commissioners.

#### POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,  
OFFICE OF THE PROPERTY CLERK (Room No. 9),  
No. 300 MULBERRY STREET,  
NEW YORK, 1891.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.

JOHN F. HARRIGOT,  
Property Clerk

#### FINANCE DEPARTMENT.

##### NOTICE TO PROPERTY-OWNERS.

ASSESSMENT FOR OPENING BERGEN AVENUE, TWENTY-THIRD WARD, CONFIRMED BY THE SUPREME COURT, MARCH 9, 1892.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the assessment list in the matter of acquiring title to BERGEN AVENUE, from East One Hundred and Forty-seventh street and Willis avenue to Brook avenue, in the Twenty-third Ward, which was confirmed by the Supreme Court on March 9, 1892, and entered on the 11th day of March, 1892, in the Record of Titles of Assessments kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 31, Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon on or before May 11, 1892, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, March 24, 1892.

##### NOTICE TO PROPERTY-OWNERS.

ASSESSMENT FOR OPENING EAST ONE HUNDRED AND SIXTY-SECOND STREET, TWENTY-FOURTH WARD, CONFIRMED BY THE SUPREME COURT, MARCH 11, 1892.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the assessment list in the matter of acquiring title to EAST ONE HUNDRED AND SIXTY-SECOND STREET, from Courtlandt avenue to Elton avenue, and from Brook avenue to Third avenue, in the Twenty-fourth Ward, which was confirmed by the Supreme Court on March 11, 1892, and entered on the 15th day of March, 1892, in the Record of Titles of Assessments kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 31, Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon on or before May 16, 1892, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, March 24, 1892.

##### INTEREST ON CITY BONDS AND STOCKS.

THE INTEREST DUE MAY 1, 1892, ON THE Registered Bonds and Stocks of the City and County of New York will be paid on that day by the Comptroller at the office of the City Chamberlain, Room 27, Stewart Building, corner of Broadway and Chambers street.

The Transfer Books will be closed from March 31 to May 1, 1892.

The interest due May 1, 1892, on the Coupon Bonds and Stocks of the City of New York will be paid on that day by the State Trust Company, No. 50 Wall street.

THEO. W. MYERS,  
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE, March 18, 1892.



# CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

NEW YORK CITY CIVIL SERVICE BOARD,  
COOPER UNION,  
NEW YORK, March 25, 1892.

**PUBLIC NOTICE IS HEREBY GIVEN THAT** open competitive examinations for the positions below mentioned will be held at this office on the dates specified:

March 31. **MECHANICAL ENGINEERS.**  
April 1. **INSPECTOR OF BUILDINGS.**  
LEE PHILLIPS,  
Secretary and Executive Officer.

## DEPARTMENT OF DOCKS.

### NOTICE.

DEPARTMENT OF DOCKS,  
PIER "A," BATTERY PLACE, NORTH RIVER,  
NEW YORK, March 17, 1892.

**VAN TASSELL & KEARNEY, AUCTIONEERS,** will sell at public auction, at Pier "A," Battery place, in the City of New York, on

**TUESDAY, APRIL 5, 1892,**

at 12 o'clock noon, the right to collect and retain all wharfage which may accrue for the use and occupation by vessels of more than five tons burden, of the following named piers and bulkheads, together with the privilege of erecting and maintaining a shed on such piers or bulkheads, as here mentioned below, and occupying any shed existing on any of such piers at the commencement of the term; the said shed and each of them to revert to and become the property of the Mayor, Aldermen and Commonalty of the City of New York at the expiration or sooner termination of the lease, to wit:

#### On the North River.

For the term of ten years from May 1, 1892, with privilege of renewal for a further term of ten years.  
Lot 1. Pier near 38, with privilege of erecting and maintaining a shed upon said pier.

For the term of six years and six months from May 1, 1892.

Lot 2. Pier at West Eleventh street. The outer about 100 feet on the southerly side; the end and the whole of the northerly side of said pier, outside and westerly of Thirteenth avenue. It is expected that the extension of this pier will be completed and ready for use on or about May 15, 1892.

For the term of five years from May 1, 1892.

Lot 3. Bulkhead, extending from the northerly side of West Eleventh street, southerly a distance of 135 feet, with privilege of erecting and maintaining a shed 50 feet in width upon the said bulkhead.

Lot 4. Pier at Little West Twelfth street (Pier, old 59).  
Lot 5. Pier at foot of West Thirtieth street, except northerly side, used for dump of Department of Street Cleaning.

Lot 6. Pier foot of West Fortieth street, with privilege of erecting and maintaining a shed upon the said pier.

Lot 7. Pier foot of West Fifty-second street.

Lot 8. Pier foot of West One Hundred and Twentieth street, except southerly side, used for dump of Department of Street Cleaning.

Lot 9. Northerly side and end of the pierfoot of West One Hundred and Thirtieth street.

Lot 10. Pier foot of West One Hundred and Thirtieth street.

Lot 11. Pier foot of West One Hundred and Thirtieth street, except reservation for public bath during summer season.

For the term of four years and eight months from 1st September, 1892.

Lot 12. Pier foot of West Eighteenth street.

#### On the East River.

For the term of five years from 1st May, 1892.

Lot 13. Easterly half of Pier, old 18. This pier has a shed upon it.

Lot 14. Easterly half of Pier, old 33, bulkhead and platforms between Pier, old 33, and Pier, old 34, and westerly half of Pier, old 34. These piers and bulkhead platforms have sheds upon them.

Lot 15. Northerly half of Pier, old 56, bulkhead between Pier, old 56, and Pier, old 57, ninety feet, and southerly half of Pier, old 57.

Lot 16. Northerly half of Pier, old 58, and bulkhead between Pier, old 58, and Pier, old 59, one hundred and thirteen feet.

Lot 17. Bulkhead at foot of East Fourteenth street.

Lot 18. Pier at foot of East Thirtieth street.

Lot 19. Pier at foot of East Thirty-second street.

Lot 20. Bulkhead at foot of East Forty-ninth street.

Lot 21. Bulkhead at foot of East Fifty-third street.

Lot 22. Bulkhead at foot of East Fifty-fourth street.

Lot 23. Unimproved water front, between East Fifty-fourth and East Fifty-fifth streets.

Lot 24. Bulkhead between East Sixty-third and East Sixty-fourth streets.

Lot 25. Bulkhead platform between East Seventy-eighth and East Seventy-ninth streets.

Lot 26. Bulkhead platform at foot of East Seventy-ninth street, southerly of pier.

#### On the Harlem River.

For the term of five years from May 1, 1892.

Lot 27. Pier at foot of East One Hundred and Nineteenth street.

#### On the East River.

For the term of five years from May 1, 1892.

Lot 28. Pier 60 and bulkhead on the northerly side of Rivington street, and bulkhead on Tompkins street, between Rivington street and Pier 61, East River.

**TERMS AND CONDITIONS OF SALE.**

The premises must be taken in the condition in which they may be at the commencement of the term of the lease, and no claim or demand that the premises or property are not in suitable and tenantable condition at the commencement of the term will be allowed by this Department.

All repairs, maintaining or rebuilding required or necessary to be done to or upon the premises, or any part thereof, during the continuance of the term of the lease, shall be done by and at the cost and expense of the lessee or purchaser.

No claim or demand will be considered or allowed by the Department for any loss or deprivation of wharfage or otherwise, resulting from or occasioned by any delay on account or by reason of the premises or any part thereof being occupied for or on account of any repairs, rebuilding or dredging.

The upset price of the parcels or premises exposed or offered for sale will be announced by the auctioneer at the time of sale.

The term for which leases are sold will commence at the date mentioned in the advertisement, and the rents accruing therefor will be payable from that date in each case.

Each purchaser of a lease will be required, at the time of the sale, to pay, in addition to the auctioneer's fees, to the Department of Docks, twenty-five per cent. (25%) of the amount of annual rent bid, as security for the execution of the lease, which twenty-five per cent. (25%) will be applied to the payment of the rent first accruing under the lease when executed, or will be forfeited to the Department if the purchaser neglects or refuses to execute the lease, with good and sufficient surety or sureties, to be approved by the Department, within ten days after being notified that the lease is prepared and ready for execution at the office of the Department of Docks, Pier "A," North river, Battery place.

The Department expressly reserves the right to resell the lease or premises bid off, by those failing, refusing or neglecting to comply with these terms and conditions, the party so failing, refusing or neglecting, to be liable to the Corporation of the City of New York for any deficiency resulting from or occasioned by such resale.

Lessees will be required to pay their rent quarterly in advance, in compliance with the terms and conditions of the lease prepared and adopted by the Department.

In all cases where it is mentioned in the advertise-

ment of sale, the purchaser shall be entitled to the privilege of occupying any shed upon the pier or bulkhead at the commencement of the term or that may thereafter be permitted or licensed by the Department, and to the rights attached to such permission or license, but subject to the conditions thereof, such purchaser being engaged in the business of steam transportation and regularly receiving and discharging cargo thereat.

Not less than two sureties each to be a householder or freeholder in the State of New York, to be approved by the Board of Docks, will be required under each lease to enter into a bond or obligation, jointly and severally with the lessee, in the sum of double the annual rent, for the faithful performance of all the covenants and conditions of the lease, the names and addresses of the sureties to be submitted at the time of sale.

Each purchaser will be required to agree that he will, upon ten days' notice so to do, execute a lease with sufficient surety as aforesaid, the printed form of which may be seen and examined upon application to the Secretary, at the office of the Department, Pier "A," Battery place.

No person will be received as a lessee or surety who is delinquent on any former lease from this Department or the Corporation.

No bid will be accepted from any person who is in arrears to this Department or the Corporation, upon debt or contract, or who is a defaulter as surety or otherwise, upon any obligation to this Department or to the Corporation of the City of New York.

The auctioneer's fees (\$25) on each lot or parcel must be paid by the purchasers thereof respectively at the time of sale.

Dated New York, March 17, 1892.

J. SERGEANT CRAM,  
EDWIN A. POST,  
JAMES J. PHILLAN,  
Commissioners of the Department of Docks.

## DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, March 24, 1892.

### TO CONTRACTORS.

#### MATERIALS AND WORK REQUIRED FOR REMOVAL OF MORGUE, BELLEVUE HOSPITAL.

**SEALED BIDS OR ESTIMATES FOR THE** aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until Tuesday, April 5, 1892, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Removal of Morgue, Bellevue Hospital," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or 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.

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 sum of one hundred and **ONE THOUSAND \$1,000 DOLLARS.**

A 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 a 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, in the penal amount of fifty (50) per cent. of the ESTIMATED amount of the contract, or such specific sum as may be mentioned in the proposal.

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 Common Council, 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 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 its 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, or to 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 inclosed 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 refuse or neglect, 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 to

and retained by the City 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.

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 to his or their bid or proposal, 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 relet as provided by law.

Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The forms of the contracts, including specifications, and showing the manner of payment, can be obtained at the office of the Department, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities and Correction will insist upon their absolute enforcement in every particular.

HENRY H. PORTER, President,  
CHARLES F. SIMMONS, M. D., Commissioner,  
EDWARD C. SHEEHY, Commissioner,  
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE.

### TO CONTRACTORS.

#### PROPOSALS FOR LUMBER.

**SEALED BIDS OR ESTIMATES FOR FURNISHING LUMBER**, in conformity with specifications, will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 10 o'clock A. M. of Tuesday, March 29, 1892, as follows:

12,450 feet clear, thoroughly seasoned, edged or vertical grained Georgia Yellow Pine Flooring, 1 1/2" x 4", tongued and grooved and dressed one side.

3,000 feet first quality clear White Pine, 1" x 4", dressed one side.

900 feet first quality clear White Pine, 1" x 4", dressed both sides.

150 feet first quality clear White Pine, 1 1/2" x 12", dressed both sides.

200 feet first quality clear White Pine, 1 1/2" x 12", dressed both sides.

550 feet first quality clear White Pine, 5/8" x 12", dressed one side.

225 feet first quality clear White Pine, 2" x 12", dressed both sides.

150 feet first quality clear White Pine, 3/4" x 12", dressed both sides.

75 pieces first quality Spruce, 2" x 6" x 13'.

275 pieces first quality Spruce, 2" x 4" x 13'.

300 feet first quality clear White Pine, 1 1/2", dressed both sides.

700 feet first quality clear White Pine, 3/4", dressed both sides.

30 pieces first quality clear White Pine Partition Boards, 7/8" x 4 1/2" x 13' tongued and grooved, beaded and dressed both sides.

20 pieces first quality clear White Pine Boards 1" x 12" x 15', dressed one side.

117 bundles first quality Masons' Lath.

60 pieces first quality White Pine Roofing Boards 7/8", tongued and grooved and dressed.

All to be delivered at Blackwell's Island.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed, "Bid or Estimate for Lumber," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or 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.

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 penal amount of fifty (50) per cent. of the ESTIMATED amount of the contract.

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 Common Council, 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 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 its 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, or to 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 inclosed 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 refuse or neglect, 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 to

and retained by the City 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.

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 to his or their bid or proposal, 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 relet as provided by law.

Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The forms of the contracts, including specifications, and showing the manner of payment, can be obtained at the office of the Department, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities and Correction will insist upon their absolute enforcement in every particular.

HENRY H. PORTER, President,  
CHARLES F. SIMMONS, M. D., Commissioner,  
EDWARD C. SHEEHY, Commissioner,  
Public Charities and Correction.

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 refuse or neglect, 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 to and retained by the City 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.

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 to his or their bid or proposal, 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 relet as provided by law.

Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, March 17, 1892.

HENRY H. PORTER, President,  
CHARLES F. SIMMONS, M. D., Commissioner,  
EDWARD C. SHEEHY, Commissioner,  
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, March 24, 1892.

**IN ACCORDANCE WITH AN ORDINANCE** of the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from One Hundred and Fifty-second street and Fourth Avenue—Unknown man, aged about 45 years; 5 feet 4 inches high; light brown hair, mixed with gray; red moustache, blue eyes. Had on brown overcoat, blue and red plaid sack coat and vest, black and blue ribbed pants, wite shirt, brown woolen undershirt and drawers, one elastic garter on right foot, black woolen socks.

Unknown man from foot of Forty-fourth street, North river, aged about 50 years; 5 feet 4 inches high; black hair, beard and moustache, mixed with gray. Had on black coat, black corkscrew vest and pants, white cotton undershirt, elastic gaiters, gray woolen socks.

Unknown woman, from Pier 28, East river, aged about 21 years; 5 feet high; light brown hair. Had on black sacque with double row of buttons, black satin waist, white corsets, white muslin drawers, white muslin chemise, with letters "A. F." worked on neck, and letter "L." worked on skirt, brown and white cotton stockings, button gaiters.

At N. Y. City Asylum for Insane, Blackwell's Island—Sarah Lewis, aged 42 years; 5 feet high; transferred from Workhouse November 30, 1887, and had on velvet wrap, cotton flannel petticoat.

At Ward's Island Hospital—James Hughes, aged 56 years; 5 feet 9 inches high; gray hair and eyes. Had on when admitted black overcoat, black vest, dark striped pants, laced shoes, black derby hat.

Nothing known of their friends or relatives.

By order,  
G. F. BRITTON,  
Secretary.

## CORPORATION NOTICE.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 3747, No. 1. Flagging and reflagging north side of One Hundred and Twenty-fifth street, extending a distance about 125 feet west of Seventh Avenue, and west side of Seventh Avenue, from One Hundred and Twenty-fifth to One Hundred and Twenty-seventh street, and both sides of One Hundred and Twenty-sixth street, extending a distance about 125 feet west of Seventh Avenue.

List 3771, No. 2. Flagging and reflagging, curbing and receding south side of One Hundred and Twentieth street, from Madison to Lenox Avenue.

List 3784, No. 3. Paving Sixty-third street, from Amsterdam to Eleventh Avenue, with granite blocks.

List 3787, No. 4. Sewer in One Hundred and Twenty-second street, between Manhattan Avenue and Avenue St. Nicholas.

List 3792, No. 5. Catch-basins on the northwest and southwest corners of One Hundred and Thirteenth street and Amsterdam Avenue.

List 3808, No. 6. Flagging and reflagging, curbing and receding north side of Eighty-sixth street, from Madison to Fifth Avenue.

List 3809, No. 7. Flagging and reflagging west side of Tompkins street, from Broome to Delancey street.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces or parcels of land situated on—

No. 1. North side of One Hundred and Twenty-fifth street, extending about 125 feet westerly from Seventh Avenue; west side of Seventh Avenue, from One Hundred and Twenty-fifth to One Hundred and Twenty-sixth street, and both sides of One Hundred and Twenty-sixth street, extending about 125 feet westerly from Seventh Avenue.

No. 2. South side of One Hundred and Twentieth street, extending from Madison to Lenox Avenue, on Block 504, Ward Nos. 59 1/2, 60, 68 and 69, and Block 504, Ward Nos. 40 and 41, and 48 to 68 inclusive.

No. 3. Both sides of Sixty-third street, from Amsterdam to Eleventh Avenue, and to the extent of half the block at the intersecting Avenues.

No. 4. Both sides of One Hundred and Twenty-second street, from Manhattan Avenue to Avenue St. Nicholas.

No. 5. Both sides of One Hundred and Thirteenth street,



**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

- List 3745, No. 1. Paving Madison avenue, from One Hundred and Fifth to One Hundred and Eighth street, with granite blocks and laying crosswalks.
- List 3775, No. 2. Regulating, grading, curbing and flagging One Hundred and Twenty-seventh street, from Boulevard to Riverside Drive.
- List 3794, No. 3. Sewer in Seventy-sixth street, between the Boulevard and Amsterdam avenue.
- List 3796, No. 4. Laying crosswalks across Avenue A, at the southerly side of Seventy-fourth street, north side of Seventy-sixth street and south side of Eighty-fifth street.
- List 3795, No. 5. Laying crosswalks across Seventh avenue at the northerly and southerly sides of One Hundred and Forty-fourth street.
- List 3801, No. 6. Paving Washington street, from Bank to Gansevoort street, with granite blocks and laying crosswalks so far as the same is within the limits of grants of land under water.
- List 3802, No. 7. Sewer in One Hundred and Second street, between Boulevard and Amsterdam avenue.
- List 3804, No. 8. Sewer in Sixty-fourth street, between property of New York Central and Hudson River Railroad Company and Eleventh avenue.
- List 3826, No. 9. Paving Fifty-fifth street, from Avenue A to the East river, with trap blocks.
- List 3761, No. 10. Paving One Hundred and Forty-sixth street, from Third to St. Ann's avenue, with trap blocks.

The limits embraced by such assessments include all the several houses and lots of grounds, vacant lots, pieces or parcels of land situated on—

- No. 1. Both sides of Madison avenue, from One Hundred and Fifth to One Hundred and Eighth street, and to the extent of half the block at the intersecting streets.
- No. 2. Both sides of One Hundred and Twenty-seventh street, from the Boulevard to Riverside Drive, and to the extent of half the block at the intersecting avenues.
- No. 3. Both sides of Seventy-sixth street, from the Boulevard to Amsterdam avenue.
- No. 4. To the extent of half the block, from Avenue A, at the intersections of the south side of Seventy-fourth street, north side of Seventy-sixth street and south side of Eighty-fifth street.
- No. 5. To the extent of half the block from Seventh avenue, at the northerly and southerly intersections of One Hundred and Thirty-fourth street.
- No. 6. Both sides of Washington street, from Bank to Gansevoort street, and to the extent of half the block at the intersecting streets.
- No. 7. Both sides of One Hundred and Second street, from the Boulevard to Amsterdam avenue.
- No. 8. Both sides of Sixty-fourth street, from Eleventh avenue to the property of the New York Central and Hudson River Railroad Company, and west side of Eleventh avenue, extending about 100 feet 5 inches south of Sixty-fourth street.
- No. 9. Both sides of Fifty-fifth street, from Avenue A to the East river, and to the extent of half the block at the intersecting avenues.
- No. 10. Both sides of One Hundred and Forty-sixth street, from Third to St. Ann's avenue and to the extent of half the block at the intersecting avenues.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 25th day of April, 1892.

EDWARD GILON, Chairman,  
PATRICK M. HAVERLY,  
CHARLES E. WENDT,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, March 23, 1892.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

- List 3746, No. 1. Alteration and improvement to sewers in Twentieth street, between Tenth avenue and North river.
- List 3762, No. 2. Paving One Hundred and Sixty-first or Clifton street, from St. Ann's to Cauldwell avenue, with granite blocks.
- List 3768, No. 3. Regulating, grading, curbing, flagging, laying crosswalks and paving with trap-blocks, One Hundred and Forty-eighth street, from Third to Courtlandt avenue.
- List 3800, No. 4. Paving Fifth street, from Lewis street to East river, with granite blocks, and laying crosswalks so far as the same is within the limits of grants of land under water.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces or parcels of land situated on—

- No. 1. Blocks bounded by Nineteenth and Thirty-fourth streets, Ninth avenue and Hudson river; blocks bounded by Nineteenth and Thirty-sixth streets, Sixth and Ninth avenues; blocks bounded by Fifteenth and Thirty-first streets, Broadway and Sixth avenue; blocks bounded by Thirty-first and Forty-first streets, Fifth and Sixth avenues, including both sides of Sixth avenue, from Fifteenth to Forty-first street, and east side of Fifth avenue, from Thirty-fifth to Forty-first street, and block bounded by Thirty-eighth and Thirty-ninth streets, Madison and Fifth avenues, including both sides of Thirty-eighth and Thirty-ninth streets, between said avenues, and east side of Broadway, between Thirtieth and Thirty-first streets.
- No. 2. Both sides of One Hundred and Sixty-first or Clifton street, from St. Ann's to Cauldwell avenue, and to the extent of half the block at the intersecting avenues.
- No. 3. Both sides of One Hundred and Forty-eighth street, from Third to Courtlandt avenue, and to the extent of half the block at the intersecting avenues.
- No. 4. Both sides of Fifth street, from Lewis street to East river, and to the extent of half the block at the intersection of Lewis street.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described list will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 20th day of April, 1892.

EDWARD GILON, Chairman,  
PATRICK M. HAVERLY,  
CHARLES E. WENDT,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, March 19, 1892.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

- List 3754, No. 1. Regulating, grading, curbing and flagging One Hundred and Forty-ninth street, from Tenth avenue to Western Boulevard.
- List 3767, No. 2. Laying crosswalk across One Hundred and Twenty-third street, at the westerly side of Lenox avenue.

The limits embraced by such assessments include all the several houses and lots of grounds, vacant lots, pieces or parcels of land situated on—

- No. 1. Both sides of One Hundred and Forty-ninth street, from Tenth avenue to Western Boulevard, and to the extent of half the block at the intersecting avenues.
- No. 2. To the extent of half the block from the westerly intersection of Lenox avenue and One Hundred and Twenty-third street.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments, for confirmation, on the 18th day of April, 1892.

EDWARD GILON, Chairman,  
PATRICK M. HAVERLY,  
CHARLES E. WENDT,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, March 15, 1892.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

- List 3748, No. 1. Outlet sewer through Pier 4, North river, with sewers in West street, between Rector street and Battery place, connecting with sewers in Battery place and Morris street.
- List 3737, No. 2. Sewer in Edgecombe avenue, between One Hundred and Thirty-ninth and One Hundred and Fortieth streets, connecting with present sewer in One Hundred and Fortieth street.
- List 3753, No. 3. Regulating, grading, curbing and flagging One Hundred and Thirty-fifth street, from Amsterdam to Convent avenue.
- List 3758, No. 4. Sewer and appurtenances in One Hundred and Sixty-first street, from Morris to Sheridan avenue.
- List 3763, No. 5. Paving with trap blocks, curbing, recurling and laying crosswalks in One Hundred and Forty-second street, from Third to Brook avenue.
- List 3773, No. 6. Flagging and reflagging, curbing and recurling both sides of One Hundred and Twenty-fifth street, from Eighth to Columbus avenue.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces or parcels of land situated on—

- No. 1. Blocks bounded by Greenwich and West streets, Battery place and Morris street, including both sides of Greenwich street; north side of Battery place, from Bowling Green to Greenwich street; both sides of Morris street, from Broadway to West street; east side of West street, from Battery place to Rector street; both sides of Washington street, commencing at Morris street and extending northerly about 125 feet, and west side of Broadway, extending about 95 feet southerly from Morris street.
- No. 2. Both sides of Edgecombe avenue, from One Hundred and Thirty-ninth street to the northerly line of One Hundred and Fortieth street.
- No. 3. Both sides of One Hundred and Thirty-fifth street, from Amsterdam to Convent avenue.
- No. 4. Both sides of One Hundred and Sixty-first street, from Morris to Mott avenue, and west side of Sheridan avenue, from Juliet street to One Hundred and Sixty-second street.
- No. 5. Both sides of One Hundred and Forty-second street, from Third to Brook avenue, and to the extent of half the block at the intersecting avenues.
- No. 6. Both sides of One Hundred and Twenty-fifth street, from Eighth to Columbus avenue, on Block 935, Ward numbers 51 to 58 inclusive, and Block 937, Ward numbers 5 to 14 inclusive, and Ward numbers 19, 20, 21, 25 and 26.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 16th day of April, 1892.

EDWARD GILON, Chairman,  
PATRICK M. HAVERLY,  
CHARLES E. WENDT,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, March 15, 1892.

## SUPREME COURT.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to HOME STREET (although not yet named by proper authority), extending from the Boston road to Intervale avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Friday, the 22d day of April, 1892, at the opening of 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, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 Home street, extending from the Boston road to Intervale avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

- Beginning at a point in the eastern line of Boston road, distant 622.82 feet northerly from the intersection of the northern line of George street with the eastern line of Boston road.
- 1. Thence northerly along the eastern line of Boston road for 95.14 feet.
- 2. Thence easterly, deflecting 66° 27' 47" to the right, for 325.42 feet to the western line of Forest avenue.
- 3. Thence southerly along the western line of Forest avenue for 60 feet.
- 4. Thence westerly for 352.55 feet to the point of beginning.

- PARCEL "A."
- Beginning at a point in the eastern line of Forest avenue, distant 572.46 feet northerly from the intersection of the northern line of George street with the eastern line of Forest avenue.
- 1. Thence northerly along the eastern line of Forest avenue for 60 feet.
- 2. Thence easterly, deflecting 90° 00' 29" from the eastern line of Forest avenue, for 269.94 feet to the western line of Tinton avenue.
- 3. Thence southerly along the western line of Tinton avenue for 60 feet.

- PARCEL "B."
- Beginning at a point in the eastern line of Forest avenue, distant 572.46 feet northerly from the intersection of the northern line of George street with the eastern line of Forest avenue.
- 1. Thence northerly along the eastern line of Forest avenue for 60 feet.
- 2. Thence easterly, deflecting 90° 00' 29" from the eastern line of Forest avenue, for 269.94 feet to the western line of Tinton avenue.
- 3. Thence southerly along the western line of Tinton avenue for 60 feet.

- 4. Thence westerly for 263.94 feet to the point of beginning.

- PARCEL "C."
- Beginning at a point in the eastern line of Tinton avenue, distant 571.99 feet northerly from the intersection of the northern line of George street with the eastern line of Tinton avenue.
- 1. Thence northerly along the eastern line of Tinton avenue for 60 feet.
- 2. Thence easterly, deflecting 90° 00' 42" from the eastern line of Tinton avenue, for 273.76 feet.
- 3. Thence northeasterly, deflecting 37° 24' 49" to the left, for 62.71 feet.
- 4. Thence northeasterly, deflecting 11° 42' 17" to the right, for 356.88 feet.
- 5. Thence northeasterly, deflecting 0° 25' 26" to the left, for 111.40 feet.
- 6. Thence northeasterly, deflecting 1° 20' 05" to the left, for 611.88 feet to the southern line of East One Hundred and Sixty-ninth street.
- 7. Thence easterly along the southern line of East One Hundred and Sixty-ninth street for 22.95 feet.
- 8. Thence southwesterly, deflecting 133° 40' 20" to the right, for 700.17 feet.
- 9. Thence southwesterly, deflecting 1° 48' 46" to the right, for 110.95 feet.
- 10. Thence southwesterly, deflecting 0° 03' 15" to the left, for 355.91 feet.
- 11. Thence southwesterly, deflecting 6° 34' 29" to the left, for 59.51 feet.
- 12. Thence westerly for 273.83 feet to the point of beginning.

- PARCEL "D."
- Beginning at a point on the northern line of East One Hundred and Sixty-ninth street, distant 813.90 feet westerly from the most easterly point of East One Hundred and Sixty-ninth street.
- 1. Thence westerly along the northern line of East One Hundred and Sixty-ninth street for 16.12 feet.
- 2. Thence northeasterly, deflecting 133° 40' 20" to the right, for 23.20 feet.
- 3. Thence southerly for 16.78 feet to the point of beginning.
- Home street, from Boston road to Intervale avenue, is a street of the first class and is 60 feet wide.
- And as shown on certain maps filed by the Commissioners of the Department of Public Parks in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.
- Dated New York, March 24, 1892.
- WM. H. CLARK,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to MACOMB'S STREET (although not yet named by proper authority), extending from Broadway to Bailey avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Friday, the 22d day of April, 1892, at the opening of 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, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 Macomb's street, extending from Broadway to Bailey avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

- Beginning at a point in the eastern line of Broadway, distant 696.30 feet northerly from the intersection of the northern line of Riverdale avenue with the easterly line of Broadway.
- 1. Thence northerly along the eastern line of Broadway for 60.04 feet.
- 2d. Thence easterly, deflecting 87° 51' 24" to the right, for 666.97 feet.
- 3d. Thence southerly, deflecting 97° 10' 38" to the right, for 60.47 feet.
- 4th. Thence westerly for 681.66 feet to the point of beginning.

Macomb's street is a street of the first class, and is 60 feet wide.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the Department of Public Parks in the office of the Register of the City and County of New York, and in the office of the Secretary of State of the State of New York.

Dated New York, March 24, 1892.

WM. H. CLARK,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the use of the public, to the lands required for the opening of EAST ONE HUNDRED AND SEVENTEETH STREET (although not yet named by proper authority), from Prospect avenue to Bristow street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Friday, the 8th day of April, 1892, at the opening of 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, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 Seventeenth street, from Prospect avenue to Bristow street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Board of Street opening and Improvement, being the following-described lots, pieces or parcels of land, viz.:

- Beginning at a point in the western line of Bristow street, distant 210.74 feet southerly from the intersection of the western line of Bristow street with the southern line of Boston road.
- 1st. Thence southerly along the western line of Bristow street for 60 feet.
- 2d. Thence westerly, deflecting 90° to the right for 298.47 feet.
- 3d. Thence northerly, deflecting 106° 54' 42" to the right for 67.71 feet.
- 4th. Thence easterly for 280.23 feet to the point of beginning.
- East One Hundred and Seventeenth street, from Prospect avenue to Bristow street, is designated a street of the first class and is 60 feet wide.

And as shown on certain maps filed by the Board of Street Opening and Improvement of the City of New York, in the office of the Council to the Corporation, in the office of the Secretary of State of the State of New York, in the office of the Register of the City and County of New York, and in the Department of Public Parks.

Dated New York, March 9, 1892.

WM. H. CLARK,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to GROVE STREET (although not yet named by proper authority), extending from Third avenue to Brook avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 18th day of April, 1892, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 18th day of April, 1892, and for that purpose will be in attendance at our said office on each of said ten days at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 19th day of April, 1892.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the centre line of the block between Grove street and East One Hundred and Sixty-fifth street; easterly by the westerly line of Brook avenue; southerly by the centre line of the block between Grove street and Westchester avenue and the centre line of the block between Grove street and Rose street, and westerly by the easterly line of Third avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the thirtieth day of April, 1892, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, March 7, 1892.

NELSON SMITH, Chairman,  
CHARLES BEARDSLEY,  
WILLIAM J. LACEY,  
Commissioners.

Carroll Berry, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ROBINS AVENUE (although not yet named by proper authority), extending from Kelly street to St. Mary's Park, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Wednesday the 10th day of March, 1892, at the opening of 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, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 Robins avenue, extending from Kelly street to St. Mary's Park, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

- PARCEL A.
- Beginning at a point in the northern line of East One Hundred and Forty-ninth street, distant 11,421.32 feet easterly from the eastern line of Tenth avenue, measured at right angles to the same.
- 1st. Thence northerly, deflecting 13° 47' 45" to the left from a line drawn through the point of beginning parallel to the eastern line of Tenth avenue for 995.0 feet to the southern line of Kelly street.
- 2d. Thence westerly along the southern line of Kelly street for 64 feet.
- 3d. Thence southerly on a line parallel to the first course and distant 65 feet therefrom for 995.0 feet to the northern line of East One Hundred and Forty-ninth street.
- 4th. Thence easterly for 65.0 feet to the point of beginning.

- PARCEL B.
- Beginning at a point in the southern line of East One Hundred and Forty-ninth street, distant 11,421.32 feet easterly from the easterly line of Tenth avenue, measured at right angles to the same.
- 1st. Thence southerly, deflecting 13° 47' 45" to the left from a line drawn through the point of beginning parallel to the eastern line of Tenth avenue for 1,456.26 feet to the northern line of St. Mary's Park.
- 2d. Thence northwesterly, along the northern line of St. Mary's Park for 100.83 feet.
- 3d. Thence northerly, on a line parallel to the first course and distant 65 feet therefrom for 1,379.20 feet to the southern line of East One Hundred and Forty-ninth street.
- 4th. Thence easterly for 65 feet to the point of beginning.

Robins avenue, from Kelly street to St. Mary's Park, is designated a street of the first class and is 65 feet wide.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated New York, March 1, 1892.

WM. H. CLARK,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.



In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to UNDERCLIFF AVENUE (although not yet named by proper authority), extending from the Twenty-third Ward line to Sedgwick avenue in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 3), in said city, on or before the fourth day of April, 1892, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said fourth day of April, 1892, and for that purpose will be in attendance at our said office on each said ten days at 1 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the fifth day of April, 1892.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the southerly side of Sedgwick avenue, and by a line drawn at a right angle to the southerly side of Sedgwick avenue; from the intersection of said southerly line of Sedgwick avenue with the easterly line of Undercliff avenue to the centre of the block between Sedgwick avenue and Andrews avenue; easterly by the centre line of the blocks between Andrews avenue, Aqueduct avenue and Undercliff avenue; southerly by the boundary line between the Twenty-third and Twenty-fourth Wards; westerly by Sedgwick avenue and the centre line of the blocks between Sedgwick avenue and Undercliff avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the twentieth day of April, 1892, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 18, 1892.

JAMES F. C. BLACKHURST,

Chairman,

WILMOT F. COX,

Commissioners,

WILLIAM H. BARKER,

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the use of the public, to the lands required for the opening of JACKSON AVENUE (although not yet named by proper authority), from Westchester avenue to Boston road, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Monday, the 28th day of March, 1892, 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, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 Jackson avenue, from Westchester avenue to Boston road, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A."

Beginning at a point in the southern line of Clifton street, distant 175 feet westerly from the intersection of the western line of Forest avenue with the southern line of Clifton street.

1st. Thence westerly along the southern line of Clifton street for 50 feet.

2d. Thence southerly deflecting 90° to the left for 1,833.95 feet to the northern line of Westchester avenue.

3d. Thence northeasterly along the northern line of Westchester avenue for 57.10 feet.

4th. Thence northerly for 1,762.69 feet to the point of beginning.

PARCEL "B."

Beginning at a point in the northern line of Clifton street, distant 175 feet westerly from the intersection of the western line of Forest avenue with the northern line of Clifton street.

1st. Thence westerly along the northern line of Clifton street for 50 feet.

2d. Then northerly deflecting 90° to the right for 1,320 feet to the southern line of East One Hundred and Sixty-fifth street.

3d. Thence easterly along the southern line of East One Hundred and Sixty-fifth street for 50 feet.

4th. Thence southerly for 1,320 feet to the point of beginning.

PARCEL "C."

Beginning at a point in the northern line of East One Hundred and Sixty-fifth street, distant 175 feet westerly from the intersection of the western line of Forest avenue with the northern line of East One Hundred and Sixty-fifth street.

1st. Thence westerly along the northern line of East One Hundred and Sixty-fifth street for 50 feet.

2d. Thence northerly deflecting 90° to the right for 571.56 feet to the southern line of George street.

3d. Thence easterly along the southern line of George street for 50 feet.

4th. Thence southerly for 571.75 feet to the point of beginning.

PARCEL "D."

Beginning at a point in the eastern line of Boston road, distant 84.10 feet southerly from the intersection of the southern line of East One Hundred and Sixty-eighth street with the eastern line of Boston road.

1st. Thence southwesterly along the eastern line of Boston road for 125.20 feet.

2d. Thence southerly deflecting 23° 32' 21" to the left for 866.43 feet to the northern line of George street.

3d. Thence easterly along the northern line of George street for 50 feet.

4th. Thence northerly for 981.02 feet to the point of beginning.

Jackson avenue is designated a street of the first class and is fifty feet wide.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York; in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated New York, February 17, 1892.

WILLIAM H. CLARK,

Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired), to the lands required for the opening, widening and extension of COLLEGE PLACE AND GREENWICH STREET, extending from Chambers street to Dey street, in the 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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 3), in said city, on or before the twenty-eighth day of March, 1892, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said twenty-eighth day of March, 1892, and for that purpose will be in attendance at our said office on each said ten days at 12 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the twenty-ninth day of March, 1892.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by a line drawn parallel to Canal street, and distant 100 feet northerly from the northerly side thereof, from the easterly line of West street to a point 100 feet east of the easterly line of Broadway; easterly by a line drawn parallel to Broadway and Whitehall street and distant 100 feet easterly from the easterly side thereof, from a point 100 feet north of Canal street to about the centre of Stone street; southerly by Stone street to Whitehall street, and by a line parallel to Bowling Green, and distant 100 feet southerly therefrom, from Whitehall street to State street; thence by a line parallel to the northerly side of Battery Park, and distant 100 feet southerly therefrom, from State street to the southerly prolongation of the easterly line of West street; westerly by the easterly line of West street, from the Battery Park to a point 100 feet north of Canal street; excepting from said area all the lands included within the lines of streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the twelfth day of April, 1892, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 16, 1892.

EUGENE L. BUSHÉ, Chairman,

JAMES G. JANEWAY,

Commissioners,

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to FEATHERED LANE (although not yet named by proper authority), extending from Aqueduct avenue to Jerome avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 4), in said city, on or before the 26th day of March, 1892, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said 26th day of March, 1892, and for that purpose will be in attendance at our said office on each said ten days at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the 27th day of March, 1892.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Beginning at a point in the easterly line of Aqueduct avenue, distant 530 feet northerly from the westerly tangent point of the curve joining the northerly line of Feathered lane with the easterly line of Aqueduct avenue; thence easterly at a right angle to Aqueduct avenue 100 feet; thence by a line running south 76 degrees east for 200 feet; thence by a line parallel to the northerly line of Feathered lane and distant about 285 feet northerly therefrom to the centre of McComb's road; thence southerly along the centre of McComb's road to the centre of the northwesterly line of the block bounded by McComb's road, a certain unnamed street, a certain unnamed street, and Feathered lane; thence southeasterly along a curved line through the centre of the same block to another curved line parallel to Feathered lane and distant about 120 feet northwesterly therefrom; thence easterly and northerly along last mentioned curved line continued as a centre line of the block lying north of Feathered lane and west of Jerome avenue to the centre of the same block between Feathered lane and a certain unnamed street its northern boundary; thence easterly to the westerly line of Jerome avenue at a point 900 feet north of the northerly line of Feathered lane; thence southerly

along the westerly line of Jerome avenue to the centre of the block between Feathered lane and Wolf place; thence westerly along the centre line of last mentioned block to the centre of Inwood avenue; thence southerly along the centre line of Inwood avenue to the centre of the block between Feathered lane and McComb's road and Inwood avenue; thence by a line running north 76½ degrees west to the easterly line of McComb's road; thence by a line running south 78½ degrees west for 50 feet; thence by a line running north 66½ degrees west to the centre of Marcher avenue; thence southerly along the centre of Marcher avenue to the centre of the block between Feathered lane and Fosco-bel avenue; Marcher avenue and a certain unnamed street; thence westerly by the centre line of the last-mentioned block to the centre of a certain unnamed street or avenue; thence northerly along the centre of said unnamed street or avenue to the centre of the block between Feathered lane and a certain unnamed street; thence westerly by the centre line of the last-mentioned block to the centre of a certain unnamed street or avenue; thence southerly along the centre of said unnamed street to the centre of the block between Feathered lane and Boscobel avenue; thence northerly along the centre line of last-mentioned block to the easterly line of Aqueduct avenue; thence northeasterly along the easterly line of Aqueduct avenue to the place or point of beginning, the northerly and southerly boundary lines of said area of assessment being as nearly as practicable half way between Feathered lane and the nearest streets or avenues north and south of Feathered lane; excepting from said area all the streets, avenues, and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the fifteenth day of April, 1892, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 9, 1892.

LAMONT McLAUGHLIN, Chairman,

LOUIS CAMPARA,

Commissioners,

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to FREEMAN STREET (although not yet named by proper authority), extending from Union avenue to Southern Boulevard, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

**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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 51 Chambers street (Room 4), in said city, on or before the twenty-sixth day of March, 1892, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said twenty-sixth day of March, 1892, and for that purpose will be in attendance at our said office on each said ten days at 2 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the twenty-seventh day of March, 1892.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Beginning at a point in the easterly line of Union avenue midway between Ritter place and Freeman street; thence easterly along the centre line of the block between Ritter place and Freeman street, Union avenue and Prospect avenue, to the centre of Prospect avenue; thence northerly along the centre line of Prospect avenue to the centre line of the blocks between Jennings street and Freeman street; thence easterly along last-mentioned centre line to the centre line of Bristow street; thence northerly along the centre line of Bristow street to a line parallel to Jennings street and distant 177 feet southerly therefrom; thence easterly along last-mentioned line to the centre line of Stebbins avenue; thence southerly along the centre line of Stebbins avenue to a line drawn at a right angle to the easterly line of Stebbins avenue, at a point 282 feet north of the intersection of said easterly line of Stebbins avenue with the northerly line of Freeman street; thence easterly by said perpendicular line to the easterly line of Stebbins avenue; thence easterly along a line drawn through the westerly line of Intervale avenue at a point 373 feet northerly from the northerly line of Freeman street to the centre line of Intervale avenue; thence southerly along said centre line to a line parallel to Freeman street, and distant about 280 feet northerly therefrom; thence easterly along said parallel line to the westerly line of Wilkins place; thence southerly along the westerly line of Wilkins place and Southern Boulevard to the centre line of the block between Freeman street and Home street, Southern Boulevard and Simpson street; thence westerly along the centre line of the blocks between Freeman street and Home street to the centre line of Fox street; thence southerly along the centre line of Fox street to the centre line of the block between Home street, Intervale avenue and Fox street; thence westerly along last-mentioned centre line to the centre line of Intervale avenue; thence northerly along the centre line of Intervale avenue to the centre line of the block between One Hundred and Sixty-ninth street and Freeman street, Intervale avenue and Stebbins avenue; thence westerly along last-mentioned centre line to the centre line of Stebbins avenue; thence northerly along the centre line of Stebbins avenue to the centre line of the blocks between Freeman street and One Hundred and Sixty-ninth street, Stebbins avenue and Union avenue; thence southerly and westerly by last-mentioned centre line to the easterly line of Union avenue; thence northerly along said easterly line of Union avenue to the point of beginning; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of

New York, on the fifteenth day of April, 1892, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 9, 1892.

JOHN B. PINE, Chairman,

WILLIAM H. TOWNLEY,

Commissioners,

JOHN P. DUNN, Clerk.

In the matter of the application of the Department of Docks, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring all rights, terms, easements and privileges pertaining to those seventy-five feet of wharf or bulkhead on the westerly side of WEST STREET, next north of Harrison street, not now owned by the said corporation.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled proceeding, do hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, lessees and persons interested in the wharf or bulkhead, or in the rights, terms, easements and privileges pertaining thereto, affected by this proceeding, and to all others whom it may concern:

First—That we have completed our estimate and that all persons interested in this proceeding, or in the wharf or bulkhead, or the rights, terms, easements and privileges pertaining thereto, affected by this proceeding, and having objections thereto, to file with us their said objections in writing, duly verified, at our office, No. 65 William street (third floor), in the City of New York, on or before the 15th day of March, 1892; and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 15th day of March, 1892, and for that purpose will be in attendance at our said office on each said ten days at 3 o'clock P. M.

Second—That the abstract of our said estimate, together with the maps or diagrams showing the location of the wharf or bulkhead, the rights, terms, easements and privileges pertaining to which are to be taken in this proceeding, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, and also deposited with the Commissioners of the Department of Docks, Pier "A," North river, in said city, there to remain until the 16th day of March, 1892.

Third—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at Chambers thereof, in the County Court-house, in the said City of New York, on the 12th day of April, 1892, at the opening of Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated at New York City, February 10, 1892.

CHARLES COUDERT, Chairman,

LEWIS H. ARNOLD, JR.,

Commissioners,

ROBERT L. WESSLEY, Clerk.

In the matter of the application of the Commissioners of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of TREMONT AVENUE (although not yet named by proper authority), extending from Aqueduct avenue to Boston road, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by said Department.

**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 or unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the fifteenth day of March, 1892, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said fifteenth day of March, 1892, and for that purpose will be in attendance at our said office on each said ten days at 3 o'clock P. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited with the Commissioner of Public Works of the City of New York, at his office, No. 31 Chambers street, in the said city, there to remain until the sixteenth day of March, 1892.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by an irregular line commencing at a point in the easterly line of Aqueduct avenue, distant 600 feet northerly from the northerly line of Tremont avenue, and running thence easterly to a point in the easterly line of Webster avenue, opposite the junction of Tremont and Burnside avenues, said line being parallel with and distant 600 feet northerly from the northerly line of Tremont avenue, except where the said line, if so drawn, would be less than 200 feet distant southerly from the southerly line of Burnside avenue, and in such places being coincident with a line parallel with and distant 200 feet southerly from the southerly line of Burnside avenue, and a line parallel with and distant 600 feet northerly from the northerly line of Tremont avenue, and extending from Webster avenue to Boston road; easterly by the westerly line of Boston road; southerly by a line parallel with and distant 600 feet southerly from the southerly line of Tremont avenue and extending from Boston road to Aqueduct avenue; and westerly by the easterly line of Aqueduct avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, in the City of New York, on the first day of April, 1892, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 1, 1892.

JOHN WHALEN, Chairman,

JOHN HALLORAN,

Commissioners,

CARROLL BERRY, Clerk.

## THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays other than the general election day excepted, at No. 2 City Hall, New York City. Price, single copy, 3 cents; annual subscription \$9.30.

W. J. K. KENNY,

Supervisor