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## AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, October 26, 1892, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee presented the following:

The Construction or Executive Committee report:

That at their meeting, held on October 26, 1892, the following resolution was adopted, and they now ask your approval of their action:

Resolved, That the bid-box be closed, and the keys given to the President; and that the Secretary be authorized by this Commission to receive the bids for fencing the boundary of the East Branch Reservoir, north of Milltown Bridge, in the Town of South East, Putnam County, New York, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners; and also to receive the checks of the bidders, and to make the necessary preparations for opening the bids received for doing said work, under the law.

On motion of Commissioner Tucker, the action of the Committee was approved.

In pursuance to the following notice, published daily for fifteen consecutive days, commencing with October 6, 1892, in the CITY RECORD, "New York Sun" and "New York World," bids were received for fencing the boundary of the East Branch Reservoir, north of Milltown Bridge, in the Town of South East, Putnam County, New York:

AQUEDUCT COMMISSIONERS' OFFICE,  
ROOM 209, STEWART BUILDING, NO. 280 BROADWAY,  
NEW YORK, October 6, 1892.

### To Contractors.

Bids or proposals for doing the work and furnishing the materials called for in the approved form of contract now on file in the office of the Aqueduct Commissioners for fencing the boundary of the East Branch Reservoir, north of Milltown Bridge, in the Town of South East, Putnam County, New York, will be received at this office until Wednesday, October 26, 1892, at 3 o'clock P. M., at which place and hour they will be publicly opened by the Aqueduct Commissioners, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract and the specifications thereof, and bids or proposals, and proper envelopes for their inclosure, and form of bonds, and also the plans for said work and all other information can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners.

J. C. LULLEY, Secretary.

JAMES C. DUANE, President.

1. George Cusno—	
Style "A".....	\$5,460 00
Style "B".....	
2. Clinton Stephens—	
Style "A".....	9,750 00
Style "B".....	15,600 00
3. Christopher Nally—	
Style "A".....	6,532 50
Style "B".....	10,920 00
4. John Twinn—	
Style "A".....	7,702 50
Style "B".....	13,455 00
5. Charles Erickson—	
Style "A".....	11,700 00
Style "B".....	23,400 00
6. Francis V. Smith—	
Style "A".....	9,360 00
Style "B".....	17,550 00
7. John E. Brooks—	
Style "A".....	7,605 00
Style "B".....	10,725 00

Whereupon, on motion of Commissioner Scott, the following preamble and resolution was adopted:

Whereas, Bids for furnishing all materials and doing all work necessary for fencing the boundary of the East Branch Reservoir, north of Milltown Bridge, in the town of South East, Putnam County, New York, having been received and publicly opened and read; therefore

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated, and submit the same, together with his estimates of the work, to the Construction or Executive Committee of the Aqueduct Commissioners for consideration and canvassing by them; and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

On motion of Commissioner Scott, a recess of fifteen minutes was then taken.

Upon resuming the meeting, there were present:

Commissioners Duane, Tucker, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 8293 to 8305, inclusive, amounting to \$527.66; also of Vouchers Nos. 8306 to 8308, inclusive, being estimates for work done by contractors, amounting to \$15,929.46.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution:

Whereas, In the opinion of the Aqueduct Commissioners, the further sum of five hundred thousand dollars will be required to defray the necessary and lawful expenditures of said Commissioners; now, therefore, be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of five hundred thousand dollars upon bonds of the City of New York, in conformity

with the requirements of section 32, chapter 490, Laws of 1883, of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott, and Cannon—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in dispensing with the services of the following-named persons heretofore employed at Reservoir "M," and on the dates hereinafter named, be and hereby is approved:

William A. Barrett, Foreman, October 14, 1892.

Orlando Barrett, Teamster, October 14, 1892.

Stephen Sutton, Laborer, October 7, 1892.

P. Sutton, Laborer, October 15, 1892.

E. L. Ferris, Laborer, October 7, 1892.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in reassigning the following-named Superintendents of Dam Construction to duty on the dates and at the places hereinafter given be and hereby is approved:

Timothy Capper, assigned to Titicus Dam, on October 18, 1892.

Thomas Graham, assigned to Shaft 25, on October 24, 1892.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer,

NEW YORK, October 26, 1892.

To the Honorable the Committee on Construction:

GENTLEMEN—I herewith submit three (3) bids received for furnishing and delivering at Purdy's Station, N. Y., one special 24-inch valve for the Titicus Dam.

Names of Bidders.	Amount Bid.
1. John Fox.....	\$100 00
2. Coldwell-Wilcox Company.....	125 00
3. Joseph Edwards & Co.....	138 00

The bid of John Fox being the lowest, and a reasonable one, I recommend that the work be awarded to him.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the work of furnishing and delivering at Purdy's Station, New York, one special 24-inch valve for the Titicus Dam is hereby awarded to John Fox at his bid of \$100, it being the lowest received for doing said work.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The Counsel to the Corporation, under date of October 26, 1892, had advised the Comptroller that the City is liable for the payment of interest on the amounts deducted under the advice of the Counsel to the Corporation from the final estimates on contracts for Sections 7, 8, 9, B and A of the New Aqueduct, which amounts were, by resolution of this Board, adopted on January 13, 1892, and, under the advice of the Counsel to the Corporation, allowed to the contractors; therefore

Resolved, That the following-named amounts be allowed for interest on said sums deducted, viz:

Section 7, on \$37,800.61, interest from April 4, 1890, to October 26, 1892, \$5,808.69.
Section 8, on \$23,816.45, interest from May 9, 1892, to October 26, 1892, \$3,520.86.
Section 9, on \$50,800, interest from October 23, 1891, to October 26, 1892, \$3,073.40.
Section B, on \$35,248.51, interest from October 18, 1891 (account of Section B), to October 26, 1892, \$2,161.91, and on \$18,436.90 (account of Section A), interest from October 18, 1891, to October 26, 1892, \$1,130.79.
Section A, on \$742.28 (balance account), interest from June 5, 1891, to October 26, 1892, \$61.98.

And that proper vouchers be prepared for certification and transmission to the Comptroller for payment, requisition for said sums being hereby made upon the Comptroller.

The same was adopted by the following vote:

Affirmative—Commissioner Duane, Tucker, Scott and Cannon—4.

The Committee also presented the following communication (with accompanying schedule), received from the Chief Engineer, and recommended that the same be spread in full on the minutes and filed:

NEW YORK, October 26, 1892.

To the Honorable the Committee on Construction:

GENTLEMEN—I herewith submit a schedule of the capacities of the reservoirs on Bog Brook and on East Branch of the Croton river for every foot in height from the bottom to the height of the spillway; the same being the result of exact surveys and calculations.

In case the crest of the spillway should ever be in the future raised by the means of stop-planks, or otherwise, I have added a schedule of capacities to elevation 419, i. e., four feet above the present crest.

Allow me to suggest that two of the three copies herein inclosed be sent to the Commissioner of Public Works for his information.

I am, respectfully,

A. FTELEY, Chief Engineer.

### Capacity of Bog Brook Reservoir.

Elevations, Feet.	DEPTHS, FEET.	UNITED STATES GALLONS.	Elevations, Feet.	DEPTHS, FEET.	UNITED STATES GALLONS.	Elevations, Feet.	DEPTHS, FEET.	UNITED STATES GALLONS.
365	..	.....	382	17	662,000,000	399	34	2,256,000,000
366	1	300,000	383	18	741,000,000	400	35	2,369,000,000
367	2	1,200,000	384	19	824,000,000	401	36	2,474,000,000
368	3	2,000,000	385	20	909,000,000	402	37	2,585,000,000
369	4	4,000,000	386	21	994,000,000	403	38	2,697,000,000
370	5	11,000,000	387	22	1,037,000,000	404	39	2,811,000,000
371	6	25,000,000	388	23	1,169,000,000	405	40	2,927,000,000
372	7	48,000,000	389	24	1,262,000,000	406	41	3,044,000,000
373	8	81,000,000	390	25	1,358,000,000	407	42	3,160,000,000
374	9	121,000,000	391	26	1,451,000,000	408	43	3,277,000,000
375	10	171,000,000	392	27	1,547,000,000	409	44	3,396,000,000
376	11	224,000,000	393	28	1,644,000,000	410	45	3,520,000,000
377	12	287,000,000	394	29	1,742,000,000	411	46	3,640,000,000
378	13	355,000,000	395	30	1,846,000,000	412	47	3,764,000,000
379	14	429,000,000	396	31	1,945,000,000	413	48	3,888,000,000
380	15	508,000,000	397	32	2,047,000,000	414	49	4,016,000,000
381	16	584,000,000	398	33	2,151,000,000	415	50	4,145,000,000

Total capacity to present crest of spillway, elevation 415: 4,145,000,000.

Capacity above present crest of spillway:

Elevations.	United States Gallons.
415 to 416.....	125,000,000
416 to 417.....	130,000,000
417 to 418.....	132,000,000
418 to 419.....	137,000,000
Total.....	524,000,000



## Capacity of Sodom Reservoir.

Elevations, Feet.	DEPTHS, FEET.	UNITED STATES GALLONS.	Elevations, Feet.	DEPTHS, FEET.	UNITED STATES GALLONS.	Elevations, Feet.	DEPTHS, FEET.	UNITED STATES GALLONS.
347	..	.....	370	23	379,700,000	393	46	1,903,000,000
348	1	103,000	371	24	419,000,000	394	47	1,993,000,000
349	2	412,000	372	25	462,000,000	395	48	2,098,000,000
350	3	927,000	373	26	505,000,000	396	49	2,199,000,000
351	4	2,500,000	374	27	554,000,000	397	50	2,304,000,000
352	5	4,400,000	375	28	601,000,000	398	51	2,415,000,000
353	6	7,200,000	376	29	654,000,000	399	52	2,528,000,000
354	7	11,400,000	377	30	707,000,000	400	53	2,650,000,000
355	8	18,300,000	378	31	764,000,000	401	54	2,770,000,000
356	9	26,300,000	379	32	823,000,000	402	55	2,896,000,000
357	10	37,700,000	380	33	883,000,000	403	56	3,030,000,000
358	11	50,800,000	381	34	947,000,000	404	57	3,166,000,000
359	12	65,700,000	382	35	1,014,000,000	405	58	3,307,000,000
360	13	83,380,000	383	36	1,082,000,000	406	59	3,445,000,000
361	14	102,820,000	384	37	1,155,000,000	407	60	3,593,000,000
362	15	126,200,000	385	38	1,228,000,000	408	61	3,737,000,000
363	16	150,800,000	386	39	1,305,000,000	409	62	3,894,000,000
364	17	178,000,000	387	40	1,384,000,000	410	63	4,053,000,000
365	18	207,600,000	388	41	1,464,000,000	411	64	4,215,000,000
366	19	237,200,000	389	42	1,548,000,000	412	65	4,377,000,000
367	20	269,400,000	390	43	1,634,000,000	413	66	4,547,000,000
368	21	304,500,000	391	44	1,713,000,000	414	67	4,716,000,000
369	22	341,600,000	392	45	1,811,000,000	415	68	4,883,000,000

Total capacity to present crest of Spillway, elevation 415 : 4,883,000,000.

## Capacity above present crest of Spillway :

Elevations.	United States Gallons.
415 to 416.....	174,000,000
416 to 417.....	178,000,000
417 to 418.....	183,000,000
418 to 419.....	185,000,000
Total.....	720,000,000

On motion of Commissioner Tucker, the recommendation was approved.

The Comptroller, under date of September 30, 1892, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners, for

Reservoir "M".....	\$3,611 78
Cornell Dam.....	2,450 00
Westchester County Section—Additional Lands.....	24 75
Manhattan Island Section—Additional Lands.....	41 74

—leaving a balance to the credit of Additional Water Fund of \$81,762.31; and stating that on August 31, 1892, bonds were issued to the amount of \$150,000.

Which were ordered entered on the books of the Commission and filed.

The Secretary gave notice of the filing of a lien by Alexander H. Green, as executor, etc., of the estate of William B. Ogden, deceased, against John F. Gaynor, contractor for the construction of the blow-off at Shaft No. 24 of the New Aqueduct, amounting to \$2,000.

Which was ordered filed.

The Secretary presented an abstract of trial balance, showing the expenditures of the Commission from its inception to September 30, 1892, as follows :

## Abstract of Trial Balance, September 30, 1892.

Commissioners' Office—		
Salaries of Commissioners.....	\$219,601 83	
Salaries of Secretary and employees.....	125,367 22	
Stationery.....	3,576 46	
Furniture and fixtures.....	3,274 96	
Rent.....	36,199 70	
Incidental expenses.....	6,166 79	
Books, maps and drawings.....	419 60	
Traveling expenses.....	1,502 58	
Advertising.....	28,110 69	
Stenographic reports.....	4,334 29	
	\$428,561 12	
Chief Engineer's Office—		
Salaries of Engineers, etc.....	\$458,121 34	
Stationery.....	6,306 56	
Furniture and fixtures.....	4,593 79	
Rent.....	41,904 05	
Incidental expenses.....	7,873 99	
Books, maps and drawings.....	20,768 46	
Consulting Engineer's fees.....	100 00	
Drawing instruments, tables and materials.....	4,065 12	
Testing machines and tests.....	8,211 81	
	551,945 12	
Tarrytown Office—		
Salaries of Engineers.....	\$57,692 24	
Stationery.....	1,180 41	
Furniture and fixtures.....	750 25	
Rent.....	6,600 00	
Incidental expenses.....	4,030 36	
Books, maps and drawings.....	92 81	
Drawing instruments, tables and materials.....	1,127 78	
Laborers on the line.....	2,703 17	
Drivers and Laborers.....	19,989 03	
Field instruments and implements.....	8,776 99	
Traveling expenses.....	4,081 33	

Harness and stable fittings.....	\$2,051 20
Maintenance—Horses and wagons.....	11,143 32
Horses.....	3,573 00
Wagons.....	1,518 00
Hire of horses and wagons.....	1,667 75

\$125,977 64

## Division Engineers.

Salaries of Engineers and Laborers, old account.....	\$151,834 84
Salaries of Engineers and Laborers, new account.....	1,396,747 66
Stationery.....	6,251 56
Furniture and fixtures.....	4,815 35
Rent.....	25,020 33
Incidental expenses.....	12,412 68
Books, maps and drawings.....	51 99
Drawing instruments, tables and materials.....	2,383 75
Field instruments and implements.....	17,917 71
Traveling expenses.....	6,882 27
Harness and stable fittings.....	1,718 57
Maintenance—Horses and wagons.....	14,473 68
Horses.....	2,100 00
Wagons.....	2,191 00
Heating headquarters.....	8,997 50
Hire of horses and wagons.....	773 25
Testing machines and tests.....	2,997 16
Laborers on the line.....	15 75
Auxiliary offices.....	3,524 65

1,654,709 70

## Croton Lake Survey.

Salaries of Engineers and Laborers.....	\$39,620 04
Incidental expenses.....	74 89
Field instruments and implements.....	583 16
Traveling expenses.....	340 92
Hire of horses and wagons.....	130 25
Maintenance—Horses and wagons.....	51 60
Rent.....	24 00
Harness and stable fittings.....	45
Drawing instruments, tables and materials.....	1 00

40,826 31

## New Reservoir Survey.

Salaries, Engineers and Laborers.....	\$9,588 00
Drawing instruments, tables and materials.....	25 68
Field instruments and implements.....	434 31
Furniture and fixtures.....	6 38
Traveling expenses.....	8 54
Stationery.....	3 91
Incidental expenses.....	52 06

10,118 88

## Sodom Dam Survey.

Salaries, Engineers and Laborers.....	\$7,072 68
Maintenance—Horses and wagons.....	2 00
Field instruments and implements.....	86 49
Hire of horses and wagons.....	50 75
Incidental expenses.....	44 98
Stationery.....	1 50
Traveling expenses.....	47 10

7,305 50

## Surveying Dam Sites.

Salaries of Engineers and Laborers.....	\$34,149 12
Stationery.....	33 30
Hire of horses and wagons.....	102 00
Field instruments and implements.....	103 75
Heating headquarters.....	6 93
Furniture and fixtures.....	37 50
Traveling expenses.....	632 40
Drawing instruments, tables and materials.....	7 80
Incidental expenses.....	726 08
Maintenance—Horses and wagons.....	793 95
Rent.....	815 70
Books, maps and drawings.....	8 00

37,416 53

## Principal Assistant Engineer, New York Office.

Heating headquarters.....	\$9 25
Stationery.....	59 06
Furniture and fixtures.....	36 24
Incidental expenses.....	53 36
Aqueduct Commissioners' Report, 1883-1887.....	\$8,901 51
Aqueduct Commissioners' Report, 1887-1892.....	24 52
Engraving and printing.....	24,897 79
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam.....	1,473 16
Reports of Engineers on High Masonry Dam.....	490 75
Construction damages.....	689 50
Claims for damages.....	2,438 50
Taxes on lands.....	9,538 21
Land agents.....	1,168 65
Diamond rock-boring drills.....	155,660 68
Diamond rock borings.....	7,077 42

157 91



Monumenting the line.....	\$3,712 98
Monumenting Sedon Dam Survey.....	1,546 72
Monumenting Aqueduct Tunnel—Division Engineer.....	143 72
Models.....	1,355 43
Observatory towers.....	1,805 95
Judgments.....	22,939 01
Land and land damages.....	57,869 82
Examination of ventilation and lighting.....	1,306 36
Examining engineers.....	11,041 82
Board of experts, etc., Quaker Bridge Dam.....	12,550 00
Experts examining construction work.....	11,526 16
Experts on water-gates and other machinery.....	210 00
Inspection of cast-iron pipes, etc.....	8,414 30
East Branch Reservoir—Incidental expenses.....	165 00

## Contracts.

SECTION.	ESTI-MATE.	CONTRACTOR.	
1.....	Final.	Smith & Brown.....	\$649,964 62
2.....	"	Brown, Howard & Co.....	2,493,664 38
3.....	"	".....	1,838,247 04
4.....	"	".....	1,807,819 50
5.....	"	".....	812,370 91
6.....	"	O'Brien & Clark.....	748,852 97
7.....	"	".....	1,777,610 99
8.....	"	".....	1,454,157 36
9.....	"	".....	1,921,087 67
B.....	"	Heman Clark.....	1,513,279 76
A.....	"	".....	1,105,778 60
12.....	"	(Chas. Peterson, assignee of O'Brien & Clark).....	541,923 04
13.....	"	John Brunton & Co.....	427,641 42
14.....	"	".....	647,869 75
15.....	"	Richard A. Malone.....	156,358 20
15½.....	"	Robert Hanna & Co.....	27,416 82
16.....	"	O'Brien & Clark.....	1,013,220 54
17.....	"	Richard J. Malone.....	37,621 69
East Branch Reservoir Dam.....	55	Sullivan, Rider & Dougherty.....	396,063 90
Dams 1 and 2, and adjacent tunnel.....	42	David R. Paige & Co.....	791,761 30
Deepening and finishing Shaft No. 24.....	Final.	O'Brien & Clark.....	91,904 59
Iron-lined masonry Aqueduct, near Shaft 30.....	"	Breuchaud, Pennell & Co.....	69,369 20
Stop-cock valves, etc., on Section 15.....	"	Coldwell, Wilcox & Co.....	19,649 53
Gate-house superstructure, etc., at Pocantico.....	"	John Peirce.....	21,717 92
Shaft 13A, Section 7.....	"	O'Brien & Clark.....	22,963 40
" 13½, " 7.....	"	".....	18,093 69
" 15½, " 7.....	"	John A. Lee.....	15,412 90
One Hundred and Thirty-fifth Street Gate-house doors, windows, etc., Section 15.....	"	Charles W. Palmer.....	6,935 00
Cast-iron work, wrought-iron work, etc., New Croton Gate-house, Section 1.....	"	Coldwell, Wilcox & Co.....	16,057 02
Highways or roads, etc., at East Branch and Bog Brook Reservoirs.....	"	Clinton Stephens.....	90,851 69
Gate-house superstructure walls for Blow-off Chamber at Ardsley, Section 7.....	"	O'Brien & Clark.....	4,900 00
Cutting timber and clearing grounds, East Branch and Bog Brook Reservoirs.....	"	Pennell & O'Hern.....	8,975 00
22.2' x 5' sluice-gates, etc., Sections 15 and 17.....	"	John Fox.....	14,190 00
3' x 4' sluice-gates, etc., Pocantico, Ardsley and South Yonkers Gate-houses, Sections 4, 7 and 9.....	"	".....	5,750 00
3' x 6' sluice-gates, etc., New Croton Gate-house, Section 1.....	"	".....	21,000 00
Earth and masonry dam, Reservoir "M," on Titicus river, near Purdy's Station.....	30	Washburn, Shaler & Washburn.....	392,378 41
Gate-house superstructure at South Yonkers, Section 9.....	Final.	O'Brien & Clark.....	20,349 79
Gate-house superstructure, etc., for new gate chambers at Croton Dam, Section 1.....	21	Smith, Brown & Coleman.....	39,708 90
Combined stationary hoisting engines, etc., for Shaft 25, Section 12.....	Final.	Charles Peterson.....	11,250 00
Two pairs horizontal tubular boilers, etc., Shaft 25, Section 12.....	"	West Point Manufacturing Co.....	11,900 00
Earth and masonry dam, Reservoir "D".....	22	Michael S. Coleman.....	82,625 77
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D".....	22	".....	44,990 22
Eleven head-house superstructures, etc., for the shafts.....	Final.	Breuchaud, Pennell & Co.....	40,251 28
Blow-off Shaft 24, Section A.....	4	John M. Waddle.....	1,644 91
" 24, ".....	15	(John F. Gaynor, assignee of John M. Waddle).....	15,813 94
Two complete portable hoisting plants.....	Final.	West Point Manufacturing Company.....	7,800 00
Highway, retaining-walls, appurtenances, etc., Croton Dam.....	"	Augustine M. Newton.....	16,717 09
Grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house.....	11	Peter J. Moran.....	8,341 66
Grading, improving and fencing grounds at several of the shafts.....	9	Hyman Levy and Thomas Quinn.....	8,882 92
Head-house and engine-room superstructure, etc., Shaft 25.....	4	John Peirce, assignee of W. H. Baker.....	1,590 44
Two brick engine-houses for the portable hoisting plants.....	5	John Twiname.....	7,947 03

## Agreements.

	ESTI-MATE.	CONTRACTOR.	
Shaft 11C, Section 5.....	Final.	Brown, Howard & Co.....	5,000 00
Shaft 12C, Section 6.....	"	O'Brien & Clark.....	5,000 00
Shaft 16½, Section 8.....	"	".....	5,000 00
Shaft 18½, Section 9.....	"	".....	5,000 00

\$347,347 96

	ESTI-MATE.	CONTRACTOR.	
Shaft 19½, Section B.....	Final.	Heman Clark.....	\$5,000 00
Shaft 17½, Section 8.....	"	Thomas O'Hern.....	2,222 12
Culvert at Shaft 19, Section 9.....	"	O'Brien & Clark.....	4,893 74
" 20, Section B.....	"	Heman Clark.....	2,932 05
" 23, Section A.....	"	O'Brien & Clark.....	3,208 86
Crib Dock, near Shaft 25, Section 12.....	"	Charles Peterson.....	2,694 60
Ironwork—For Saw Mill River Blow-off, etc., Section 7.....	"	Coldwell, Wilcox & Co.....	1,962 57
Ironwork—For Pocantico Blow-off, etc., Section 4.....	"	".....	144 11
Ironwork—For Tibbett's Brook Blow-off, etc., Section 9.....	"	".....	144 11
Ironwork—For lining Shafts 22 and 23, Section A.....	"	".....	3,463 43
Ironwork—For lining Shaft 20, Section B.....	"	".....	2,663 28
Ironwork—For lining Shaft 28, Section 13.....	"	".....	2,315 02
Ironwork—For lining Shaft 29, Section 14.....	"	".....	2,358 57
Ironwork—For lining Shaft 24, Section A.....	"	The McNeal Pipe and Foundry Co.....	987 32
Cast and wrought iron ladders for shafts Sections 1 to 9 and B and A.....	"	Coldwell, Wilcox & Co.....	2,824 25
Roof, iron floor plates, etc., at Ardsley Gate-house, Section 7.....	"	".....	3,326 70
Cast-iron special pipe lining and manhole covers, etc., Shaft 24, Section A.....	"	".....	4,931 19
Filling low ground, Shaft Site No. 12, Section 6.....	"	O'Brien & Clark.....	4,910 00
Cave-in, Shaft 13, Section 7.....	"	".....	5,000 00
Laying 20" pipe along the incline adjacent to Shaft 24, Section A.....	"	".....	2,895 83
Grouting near Shaft 17½, on Section 8.....	"	".....	4,427 50
Grouting, Stations 778+00 and 779+30, Section 7.....	"	".....	1,075 00
Grouting on Section 13.....	"	Rogers, Shanly & Co.....	5,000 00
Grouting near Shaft 30.....	"	Breuchaud, Pennell & Co.....	2,900 93
Highway, trestle-work and bridges at Croton Dam, Section 1.....	"	Smith & Brown.....	4,500 00
Sodding the South Yonkers embankment on Section 9.....	"	Rider & Dougherty.....	1,575 57
Taking down and enlarging top of Shaft 11C, Section 5.....	"	C. L. Kalmbach.....	2,917 32
Walls, foundations, etc., near blow-off chamber, Shaft 25, Section 12.....	"	Charles Peterson.....	2,233 12
Frame head-house and engine-room at Shaft 25, Section 12.....	"	".....	3,690 00
Frame boiler-house and coal bin at Shaft 25, Section 12.....	"	".....	3,635 00
9" anti-friction pump and improved turbine wheel, etc., Croton Dam Gate-house, Section 1.....	"	Joseph Edwards & Co.....	2,135 00
6-2' x 5' sluice-gates at Bog Brook and Sedon Dams.....	"	John Fox.....	4,200 00
Pivot gate, Bog Brook Dams 1 and 2.....	"	Coldwell, Wilcox & Co.....	2,445 00
Finishing Shaft 21.....	"	William H. Baker.....	1,660 81
Fence at Shaft 24.....	"	Francis V. Smith.....	865 24

\$223,138 24

Bailing, pumping and taking care of water on Section A.....	\$1,309 50
Pumping water in iron pipes, Section 12.....	6,063 65
" 13.....	5,405 00
" 14.....	7,935 00
Iron pipe laid in tunnel, Section A.....	4,615 76
" B.....	980 50
48-inch pipes at Shaft 11B.....	327 50
48-inch stop-cock valves.....	4,500 00
Ironwork, etc.—	
At shafts.....	18,083 04
For gate-houses and blow-offs.....	16,677 88
For dams.....	5,238 99
Timber work, etc., at shafts and gate-houses.....	19,406 34
Explorations under the Harlem river.....	4,384 26
Experimental section, in concrete, at Shaft 18.....	185 25
Extra work, etc., on Section 1.....	4,616 03
" 6.....	42 70
" 12.....	171 35
" 14.....	606 21
" 15.....	89 32
" 16.....	668 98
" enlarging Shaft 11C.....	147 81
" on the Pocantico Gate-house.....	287 44
" on the eleven head-houses.....	220 00
" on Dams Nos. 1 and 2.....	444 31
Additional work, Section 9.....	49 37
" 12.....	65 73
" A.....	1,609 56
" East Branch Reservoir Dam.....	1,497 03
" Dams Nos. 1 and 2.....	213 12
" Earth and Masonry Dam, Reservoir "M".....	1,339 53
" highways or roads, etc., at East Branch and Bog Brook Reservoirs.....	3,095 00
" Shaft 21.....	85 50
" two brick engine-houses.....	897 00
Removing solid rock in Harlem river, near Shaft 25.....	701 03
Grading, etc., trenches, Quaker Bridge Dam site.....	150 00
Grading and finishing the grounds adjacent Shaft 19½.....	125 00
Surveys and topographical map, Croton water-shed.....	7,000 00
Soundings south of One Hundred and Thirty-fifth street.....	931 18
Sinking test pits—	
Titicus river and Reservoir "D" Dam sites.....	540 35
Cornell Dam sites.....	63 56
Hoisting-engines for shafts.....	1,440 00
Coating interior of Aqueduct with cement.....	8,384 37
Telephone line.....	4,995 62



Preparing, pumping, etc., inverted siphon, sections.....	\$2,643 91	
Preparing the Aqueduct for permanent use.....	211 66	
Iron bridge on the East Branch of the Croton river.....	2,145 00	
Fencing around reservoirs, shaft-sites, etc.....	1,253 14	\$141,933 48
<i>Commissioners of Appraisal—Awards.</i>		
Twenty-fourth Ward.....	\$163,090 47	
Manhattan Island Section.....	802,230 93	
Westchester County.....	266,629 58	
Putnam County Section.....	508,278 07	
<i>Commissioners of Appraisal.</i>		
City and County of New York.....	\$98,932 42	
Westchester County.....	220,000 22	
Manhattan Island Section.....	78,461 30	
Putnam County Section.....	124,812 95	
Total expenditures.....		1,740,229 05
<i>Cr.</i>		
Additional Water Stock.....	\$25,545,000 00	
Premium Account.....	607,168 70	
Additional Water Fund—"Miscellaneous".....	8,077 46	
Total receipts.....		\$26,160,246 16
Balance, Comptroller's Account vs. Aqueduct Commissioners.....		377,200 33
		\$26,537,446 49

## Statement of Receipts and Expenditures of the Aqueduct Commissioners, September 30, 1892.

RECEIPTS.		
From Bonds Issued—		
Amount of bonds.....	\$25,545,000 00	
Premiums on same.....	607,168 70	
	\$26,152,168 70	
From proceeds of miscellaneous sales, etc.....	8,077 46	
Total receipts.....		\$26,160,246 16
EXPENDITURES.		
Vouchers, pay-rolls, etc.....	\$3,147,496 85	
Contracts, agreements, etc.....	21,069,643 88	
Land and land damages.....	57,869 82	
Awards.....	\$1,740,229 05	
Fees of Counsels, Commissioners, etc.....	522,206 89	
	2,262,435 94	
Total expenditures.....		26,537,446 49
Comptroller's balance vs. Aqueduct Commissioners.....		\$3,777,200 33

On motion of Commissioner Scott, the same was ordered spread in full on the minutes and filed.  
On motion of Commissioner Tucker, the minutes of stated meeting of October 5, 1892, were ordered approved.  
The Commissioners then adjourned.

J. C. LULLEY, Secretary.

## HEALTH DEPARTMENT OF THE CITY OF NEW YORK.

WEEK ENDING SATURDAY, 12 M., OCTOBER 22, 1892.

Estimated Population, 1,847,187.

Death-rate, 18.78.

Cases of Infectious and Contagious Diseases Reported.

WEEK ENDING—													
	July 23.	July 30.	Aug. 6.	Aug. 13.	Aug. 20.	Aug. 27.	Sept. 3.	Sept. 10.	Sept. 17.	Sept. 24.	Oct. 1.	Oct. 8.	Oct. 15.
Diphtheria.....	81	72	55	47	49	53	59	71	79	53	60	58	59
Measles.....	219	149	163	115	85	73	59	44	37	24	30	31	26
Scarlet Fever.....	55	48	46	55	34	40	36	43	44	52	39	52	64
Small-pox.....	4	7	7	20	6	11	6	5	6	10	7	6	9
Typhoid Fever.....	129	35	29	30	49	42	46	56	58	64	55	44	32
Typhus Fever.....	12	...	...	...	...	...	...	...	...	...	...	...	...
Total.....	390	311	300	267	223	224	206	219	224	203	191	191	190
Marriages reported.....	273												
Births.....	930												
Deaths.....	665												
Still-births.....	75												
Burial permits issued.....	665												
Transit permits issued.....	12												
Searches made.....	244												
Transcripts issued.....	189												

## Deaths According to Cause, Age and Sex.

	Total.	† Total last year.	* Average 10 years.	Males.	Females.	Under 1 Month.	1 Month and under 1 Year.	1 Year and under 2.	2 and under 5.	Under 5 Years.	5-15.	15-25.	25-45.	45-65.	65 and over.
Total, all causes.....	665	688	770.8	352	313	38	128	42	51	259	28	46	150	111	71
Diphtheria.....	17	20	28.8	10	7	1	1	4	9	15	1	1	...	...	...
Croup.....	14	17	16.8	9	5	...	1	4	3	8	6	...	...	...	...
Malarial Fevers.....	1	5	9.4	1	...	...	...	...	...	...	...	...	...	...	...
Measles.....	3	4	4.7	3	...	...	2	...	1	3	...	...	...	...	...
Scarlet Fever.....	6	10	8.9	1	5	...	1	1	2	4	2	...	...	...	...
Small-pox.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever.....	15	9	13.7	9	6	...	...	...	1	1	1	3	7	2	1
Typhus Fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough.....	10	3	9.0	4	6	...	4	4	2	10	...	...	...	...	...

\* This column contains the average number of deaths for the corresponding week of the past ten years, increased to correspond with the increase of population.  
† This column gives the total number of deaths for the corresponding week of the previous year.

† State census, February 1, 1892, 1,801,739.  
‡ See note in weekly report for August 20.

	Total.	† Total last year.	* Average 10 years.	Males.	Females.	Under 1 Month.	1 Month and under 1 Year.	1 Year and under 2.	2 and under 5.	Under 5 Years.	5-15.	15-25.	25-45.	45-65.	65 and over.
Diarrhoeal Diseases.....	29	36	51.5	13	16	2	19	1	1	23	...	...	2	...	1
Phthisis.....	67	104	122.7	28	39	...	...	...	2	2	...	15	32	14	4
Other Tuberculous Diseases..	27	14	...	14	13	...	9	5	5	19	1	3	4	...	...
Diseases of Nervous System..	62	57	67.6	36	26	3	11	3	2	19	1	2	10	16	14
Heart Diseases.....	37	36	39.5	17	20	1	...	...	1	2	2	3	15	9	6
Bronchitis.....	25	27	30.7	13	12	1	13	3	3	20	1	...	1	2	1
Pneumonia.....	83	61	67.3	46	37	...	19	9	7	35	2	6	23	12	5
Other Diseases of Respiratory Organs.....	15	20	...	10	5	...	1	...	2	3	2	...	2	5	3
Diseases of Digestive System.	41	60	...	26	15	3	9	3	2	17	2	5	10	7	...
Diseases of Urinary System..	39	47	...	17	22	...	...	...	1	1	...	...	11	14	13
Congenital Debility.....	50	63	...	26	24	22	26	2	...	50	...	...	...	...	...
Old Age.....	11	7	...	4	7	...	...	...	...	...	...	...	3	8	...
Suicides.....	3	7	4.1	2	1	...	...	...	...	...	...	...	2	1	...
Other violent deaths.....	28	31	32.7	20	8	...	1	...	3	4	6	2	8	7	1
All other causes.....	82	49	...	43	39	5	11	3	4	23	1	5	23	19	11

\* This column contains the average number of deaths for the corresponding week of the past ten years, increased to correspond with the increase of population.

† This column gives the total number of deaths for the corresponding week of the previous year.

‡ Including premature births, atrophy, inanition, marasmus, alectasis, cyanosis and preterm births.

## Causes of Death not Specified in the Foregoing Table.

Zymotic.	Circulatory.	Genito-urinary.
Erysipelas, 1; Syphilis, 12; Cerebro-spinal Fever, 4; Puerperal Fever, 3.	Embolism, 3; Endarteritis, 1.	Bright's Disease, 29; Nephritis, 7; Diseases of Bladder and Prostate Gland, 2; Uremia, 1; Diseases of Uterus and Vagina, 1; Diseases of Penis, Testes, Scrotum, etc., 2.
Parasitic.	Respiratory.	Locomotor.
Aphthae, 2.	Laryngitis, 3; Congestion of Lungs, 2; Hydrothorax, 1; Pleurisy, 2; Chronic Bronchitis, 7.	Spinal Disease, 1; Caries, 2.
Dietetic.	Constitutional.	Integumentary.
Alcoholism, 15.	Cancer, 10; Tubercular Meningitis, 18; Tuberculosis, etc., 9; Rickets, 1; Anæmia, 1; Diabetes, 3; Rheumatism, 1; Chronic Rheumatism, 1; Purpura, 2.	Abscesses, 1; Gangrene of Mouth, 1.
Nervous.	Digestive.	Accident.
Convulsions, 5; Meningitis and Encephalitis, 21; Apoplexy, 28; Paralysis, 2; Insanity, 1; Softening of Brain, 2; Congestion of Brain, 1; Locomotor Ataxia, 1; Nervous Prostration, 1.	Gastro-enteritis, 10; Gastritis, 3; Enteritis, 2; Cirrhosis, 10; Peritonitis, 5; Obstruction of Intestines, 2; Typhilitis, 2; Hernia, 1; Jaundice, 1; Ulcer of Stomach, 3; Dentition, 1; Intestinal Catarrh, 1.	Poison, 2; Fractures and Contusions, 13; Burns and Scalds, 1; Drowning, 2; Suffocation, 6; Railroad, 3; Neglect and Exposure, 1.
Other Causes.		
Puerperal Convulsions, 2; Post-partum Hemorrhage, 2; Foramen Ovale Open, 1.		

## Deaths According to Cause, Annual Rate per 1,000 and Age, with Meteorology, and Number of Deaths in Public Institutions for 13 Weeks.

WEEK ENDING.	July 30.	Aug. 6.	Aug. 13.	Aug. 20.	Aug. 27.	Sept. 3.	Sept. 10.	Sept. 17.	Sept. 24.	Oct. 1.	Oct. 8.	Oct. 15.	Oct. 22.
Total deaths.....	1,434	1,181	853	789	725	718	731	758	744	629	659	738	665
Annual death-rate.....	40.83	33.61	24.26	22.42	20.59	20.38	20.73	21.48	21.07	19.50	18.64	20.86	18.78
Diphtheria.....	27	24	17	13	16	18	17	18	26	17	23	14	17
Croup.....	10	9	5	5	8	6	6	11	19	5	13	17	14
Malarial Fevers.....	7	3	1	6	2	2	5	5	8	2	2	3	1
Measles.....	22	15	7	6	8	8	12	2	2	7	2	1	3
Scarlet Fever.....	8	3	10	2	4	4	3	5	7	7	4	6	6
Small-pox.....	1	...	7	4	1	3	...	2	2	...	1	4	...
Typhoid Fever.....	17	9	12	10	14	15	11	9	19	13	6	15	15
Typhus Fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough.....	11	16	6	14	14	12	10	7	9	4	8	7	10
Diarrhoeal Diseases.....	391	266	191	133	132	97	92	98	68	65	57	46	29
Diarrhoeal Diseases under 5 years.....	335	226	164	114	110	86	78	82	58	54	45	38	23
Phthisis.....	95	72	85	85	82	92	90	90	84	75	93	67	...
Bronchitis.....	25	17	15	11	11	14	25	26	33	19	20	20	25
Pneumonia.....	68	73	55	63	51	56	53	62	63	59	63	79	83
Other Diseases of Respiratory Organs.....	21	16	13	7	14	17	11	11	14	16	12	15	15
Violent Deaths.....	137	203	56	49	45	49	41	32	39	34	41	43	31
Under one year.....	563	351	285	244	214	222	205	221	230	181	167	165	166
Under five years.....	773	518	429	369	329	335	312	332	332	275	276	270	259
Five to sixty-five.....	550	558	359	349	336	331	350	355	317	349	322	404	335
Sixty-five years and over	111	105	65	71	60	52	69	71	82	65	61	64	71
In Public Institutions...	290	229	175	180	187	160	175	161	168	162	146	170	167
Inquest Cases.....	173	222	108	99	92	96	93	84	82	102	98	103	85
Mean barometer.....	29.864	29.857	29.851	29.558	29.905	29.905	30.098	29.969	30.113	29.915	29.724	29.998	29.903
Mean humidity.....	76	73	72	68	74	69	66	71	75	62	61	69	64
Inches of rain.....	.25	1.34	1.92	...	.81	.11	.16	.85	.05	...	.25	.21	.07
Mean temperature (Fahrenheit).....	83.7°	74.0°	78.3°	76.0°	71.9°	66.8°	65.3°	66.3°	66.3°	63.0°	59.9°	56.6°	56.3°
Maximum temperature (Fahrenheit).....	97°	88°	95°	89°	83°	81°	84°	77°	81°	81°	69°	76°	69°
Minimum temperature (Fahrenheit).....	71°	66°	65°	62°	61°	52°	52°	55°	52°	47°	37°	41°	45°

\* Duplicate discovered after report was printed.



*Infectious and Contagious Diseases in Hospital.*

	WILLARD PARKER HOSPITAL.			RIVERSIDE HOSPITAL.							
	Scarlet Fever (Children).	Diphtheria.	Total.	Small-pox.	Scarlet Fever.		Scarlet Fever with Measles.	Diphtheria.	Typhus Fever.	Others.	Total.
					Adults.	Minors.					
Remaining Oct. 15..	1	7	8	26	4	11	1	..	..	1	43
Admitted .....	5	6	11	4	..	..	..	..	..	..	4
Discharged .....	..	4	4	5	..	5	..	..	..	..	10
Died .....	1	1	2	..	..	..	..	..	..	..	..
Remaining Oct. 22..	5	8	13	15	4	6	1	..	..	1	27
Total treated..	6	13	19	30	4	11	1	..	..	1	47

*Cases of Infectious and Contagious Diseases Reported and Deaths from the Same, by Wards.*

WARDS.	SICKNESS.						DEATHS REPORTED.						
	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Asiatic Cholera.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	All Causes.
First.....	..	..	..	..	3	..	..	..	..	..	..	..	11
Second.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Third.....	..	..	..	..	..	..	..	..	..	..	..	..	2
Fourth.....	..	..	..	..	..	..	..	..	..	1	..	..	11
Fifth.....	..	..	..	..	2	..	..	..	..	..	..	..	5
Sixth.....	..	..	2	..	..	..	2	..	..	..	..	..	9
Seventh.....	..	..	..	..	..	..	..	..	..	1	..	..	23
Eighth.....	1	..	2	..	3	..	..	..	1	..	..	..	18
Ninth.....	1	..	1	..	3	..	..	..	2	..	..	..	22
Tenth.....	1	4	2	..	3	..	..	..	..	1	..	..	23
Eleventh.....	4	4	3	..	3	..	..	..	1	..	1	..	22
Twelfth.....	11	3	16	..	8	..	3	..	1	..	5	..	99
Thirteenth.....	2	2	2	..	3	..	1	..	..	..	..	..	14
Fourteenth.....	1	4	1	..	..	..	..	..	..	..	..	..	15
Fifteenth.....	..	..	..	..	..	..	..	..	..	..	..	..	17
Sixteenth.....	2	..	..	..	..	..	2	..	..	..	..	..	24
Seventeenth.....	4	1	10	..	1	..	1	..	1	..	1	..	35
Eighteenth.....	1	3	4	1	2	..	..	..	..	..	..	..	21
Nineteenth.....	8	9	5	..	5	..	5	2	..	..	2	..	107
Twentieth.....	3	4	2	..	2	..	1	1	..	..	..	..	38
Twenty-first.....	4	3	4	..	8	..	..	..	..	1	..	..	37
Twenty-second.....	1	1	7	..	2	..	2	..	..	..	2	..	81
Twenty-third.....	1	1	1	..	3	..	..	..	..	..	..	..	24
Twenty-fourth.....	1	1	2	2	..	..	..	..	..	..	..	..	7
Total.....	46	40	64	3	51	..	17	3	6	..	15	..	665

*Inspections of Premises.*

Total number of inspections made.....	6,022
Classified as follows :	
Inspections of tenement-houses.....	3,707
" private dwellings.....	459
" lodging-houses.....	14
" stables.....	333
" slaughter-houses.....	255
" other premises.....	1,232
" overcrowded tenements (at night).....	22

Total number of citizens' complaints attended to.....	282
"                    "                    verified.....	186
"                    "                    found baseless, or nuisance already abated.....	96
"                    original complaints by Inspectors.....	179

*Inspections of Foods, Chemical Analyses, etc.*

Total number of inspections of milk	1,775
specimens examined	3,698
quarts of milk destroyed	75
inspections of fruit, vegetables and canned goods	1,738
pounds of same condemned and destroyed	25,410
inspections of meat and fish	1,070
pounds of same condemned and destroyed	32,137
analyses of milk and other foods	10
experimental analyses	

### Analytical Work—Summary.

Milk—2 samples (watered).....	2
Croton water—6 samples, from various parts of the city (including 1 for regular sanitary analysis, see below); all normal.....	6
1 sample, submitted to bacteriological examination showed 223 living bacteria per c. c.	1
Well water, 1 sample (contaminated with sewage).....	1

*Analysis of Croton Water, October 20, 1892.*

Result Expressed in Parts per 100,000.

	Result Expressed in Parts per 100,000.	
Appearance.....		Slightly turbid.
Color .....		Yellowish brown.
Gdor (at 100° Fahr.).....		Marshy.
Chlorine in Chlorides.....	0.223	
Equivalent to Sodium Chloride.....	0.367	
Phosphates, Phosphoric Acid ( $P_2 O_5$ ) in.....	None.	
Nitrites.....	None.	
Nitrogen in Nitrates and Nitrites (method of Gladstone and Tribe).....	0.0329	
Free Ammonia.....	Trace.	
Albuminoid Ammonia.....	0.0170	
Hardness equivalent to Carbonate of Lime { Before boiling.....	5.31	
{ After boiling.....	5.31	
Organic and volatile (loss on ignition).....	2.30	
Mineral matter (non-volatile)—Lost Carbonic Acid not restored .	6.20	
Total solids (by evaporation at 230° Fahr.).....	8.50	
Temperature at hydrant, 58° Fahr.		

*Infectious and Contagious Diseases.*

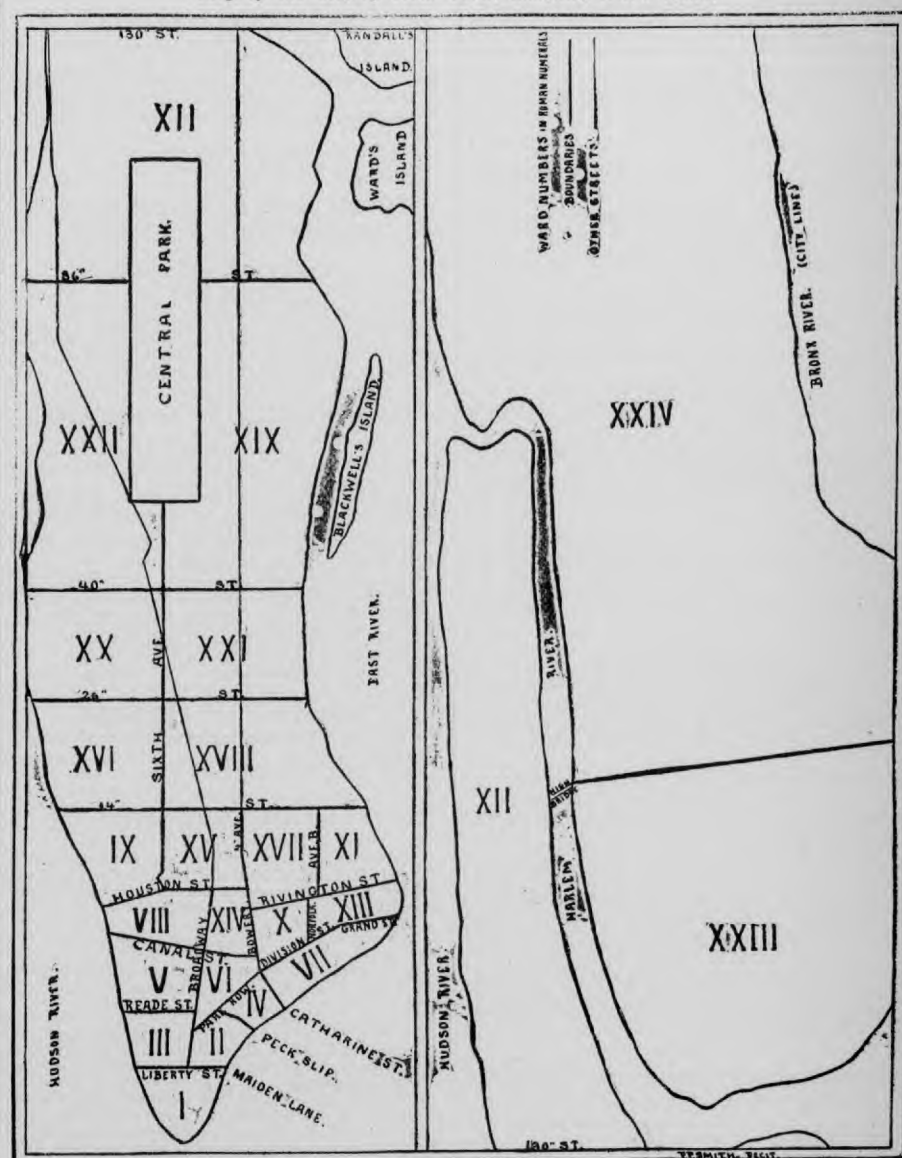
Total number of cases visited by Inspectors.....	294
“ premises visited by Disinfectors.....	371
“ rooms disinfected.....	1,080
“ other places disinfected.....	16
“ persons removed to hospital.....	1,936
“ primary vaccinations.....	1,913
“ re-vaccinations.....	1,852
“ certificates of vaccination issued.....	5,600
“ points of vaccine virus collected.....	..
“ capillary tubes of vaccine virus filled.....	420
“ cattle examined by Veterinarian.....	5
“ glandered horses destroyed.....	

Total number of dead animals removed from streets .....	349
---	-----

*Executive Action.*

Total number of orders issued for abatement of nuisances .....	304
“ attorney’s notices issued for non-compliance with orders .....	335
“ civil actions begun .....	37
“ arrests made .....	6
“ judgments obtained in civil courts .....	5
“ “ criminal courts .....	19
“ permits issued .....	139
“ persons removed from overcrowded apartments .....	3

*Map of the City of New York, Showing Ward Lines.*



The 665 deaths represent a death-rate of 18.78, against 20.86 for the previous week and 21.15 for the corresponding week of 1891.

Contagious and infectious diseases show a slight increase, the number of cases reported of diphtheria, measles, scarlet fever, typhoid fever and small-pox being respectively 46, 40, 64, 51 and 3, against 59, 26, 64, 32 and 9 for the previous week, a total of 204 against 190. The decrease of diphtheria was most marked in the Thirteenth, Sixteenth, Nineteenth and Twenty-second Wards, while there was a slight increase in the Twelfth Ward, other changes being slight. The increase of measles was most noticeable in the Fourteenth, Twentieth and Twenty-first Wards, there being few changes elsewhere. There was a marked increase of scarlet fever in the Seventeenth Ward, and a noticeable decrease in the Twentieth Ward, but other changes were small, and the total was the same as for the previous week. 21 of the 51 cases of typhoid fever were below Fourteenth street, and 18 of the remaining 30 cases were above Fortieth street. 16 cases, nearly one-third of the total number, were in the Twelfth and Twenty-first Wards.

By order of the Board.

EMMONS CLARK, Secretary.

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

CITY OF NEW YORK—COMMISSIONER OF STREET IMPROVEMENTS,  
TWENTY-THIRD AND TWENTY-FOURTH WARDS,  
NO. 2622 THIRD AVENUE, CORNER 141ST STREET,  
COMMISSIONER'S OFFICE, November 4, 1892.

*To the Supervisor of the City Record:*

SIR—In compliance with section 51 of chapter 410 of the Laws of 1882, the office of Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards makes the following report of its transactions for the week ending November 3, 1892 :

### Permits Issued.

For sewer connections.....	27
For Croton connections.....	43
For Croton repairs.....	3
For building material.....	4
For crossing sidewalks with team.....	2
For miscellaneous purposes.....	15
<b>Total.....</b>	<b>94</b>



## Public Moneys Received.

For sewer connections.....	\$290 00
For restoring pavements.....	62 00
For use of steam roller.....	6 00
Total.....	\$358 00

## Plans and Specifications Approved.

Regulating and grading Woodruff street, from the Southern Boulevard to Lillian place.

## Laboring Force Employed during the Week.

Foremen.....	6	Carpenters.....	2
Assistant Foremen.....	12	Painters.....	2
Engineer of Steam Roller.....	1	Pavers.....	2
Skilled Laborers.....	7	Pruners.....	2
Sewer Laborers.....	9	Blacksmiths.....	2
Laborers.....	196	Cleaners.....	2
Rockmen.....	6		
Carts.....	7		
Teams.....	50		
Total.....	306		

Total amount of requisitions drawn upon the Comptroller during the week..... \$38,749 70

Respectfully,

LOUIS J. HEINTZ, Commissioner.

## OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

## EXECUTIVE DEPARTMENT.

## Mayor's Office.

No. 6 City Hall, 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 4 P. M.  
JAMES C. DUANE, President; JOHN J. LUCKER, FRANCIS M. SCOTT, H. W. CANNON, and the MAYOR, COMPTROLLER and COMMISSIONER OF PUBLIC WORKS: *ex officio*, Commissioners: J. C. LULLEY, Secretary; A. F. TEELE, Chief Engineer; E. A. WOLFF, Auditor.

## BOARD OF ARMY 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, 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.

No. 31 Chambers street, 9 A. M. to 4 P. M.  
THOMAS F. GILROY, Commissioner; MAURICE F. HOLAHAN, Deputy Commissioner (Room A).  
ROBERT H. CLIFFORD, Chief Clerk (Room 6).  
GEORGE W. BUNDSALL, Chief Engineer (Room 9); JOSEPH KILEY, Water Register (Rooms 2, 3 and 4); WM. M. DEAN, Superintendent of Street Improvements (Room 5); HORACE LOOMIS, Engineer in Charge of Sewers (Room 9); WILLIAM G. BERGEN, Superintendent of Repairs and Supplies (Room 15); WM. H. BURKE, Water Purveyor (Room 1); STEPHEN H. MCCORMICK, Superintendent of Lamps and Gas (Room 11); JOHN J. RYAN, Superintendent of Streets and Roads (Room 12); MICHAEL F. CUMMINGS, Superintendent of Incumbrances (Room 16).

## 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 EVCK, 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.  
JOHN A. SULLIVAN, 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; \_\_\_\_\_, 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 the Corporation Attorney.

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

## 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.

## HARLEM RIVER BRIDGE COMMISSION

Washington Building, No. 1 Broadway.

## POLICE DEPARTMENT

## Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.  
JAMES J. MARTIN, President; CHARLES F. MACLEAN, JOHN MCCLAVE and JOHN C. SHEEHAN, Commissioners; 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; CHAS. E. SIMMONS, M. D., and EDWARD C. SHEEHY, Commissioners; 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.

## DEPARTMENT OF BUILDINGS.

No. 220 Fourth avenue, corner of Eighteenth street, A. M. to 4 P. M.  
THOMAS J. BRADY, Superintendent.

## HEALTH DEPARTMENT

No. 301 Mott street, 9 A. M. to 4 P. M.  
CHARLES G. WILSON, President, and JOSEPH D. BRYANT, M. D., the PRESIDENT OF THE POLICE BOARD and HEALTH OFFICER OF THE PORT, *ex officio*, Commissioners; EMMONS CLARK, Secretary.

## FIRE DEPARTMENT.

Office hours for all, except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, 12 M.

## Headquarters.

Nos. 157 and 159 East Sixty-seventh street.  
HENRY D. PURROY, President; S. HOWLAND ROBINS and ANTHONY EICKHOFF, Commissioners; CARL JUSSEN, Secretary.  
HUGH BONNER, Chief of Department; PETER SEERY, Inspector of Combustibles; JAMES MITCHELL, Fire Marshal; WM. L. FINDLEY, Attorney to Department; J. ELLIOT SMITH, Superintendent of Fire Alarm Telegraph.  
Central Office open at all hours.

## 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.  
PAUL DANA, President; ALBERT GALLUP, ABRAHAM B. TAPPEN and NATHAN STRAUS, Commissioners; CHARLES DE F. BURNS, Secretary.

## DEPARTMENT OF DOCKS.

Battery, Pier A, North river.  
J. SERGEANT CRAM, President; EDWIN A. POST and JAMES J. PHELAN, Commissioners; 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; THOMAS L. FEITNER and EDWARD L. PARRIS, Commissioners; 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.

Cooper Union, 9 A. M. to 4 P. M.  
JAMES THOMSON, Chairman; WILLIAM HILDRETH FIELD and HENRY MARQUAND, Members of the Supervisory Board; LEE PHILLIPS, Secretary and Executive Officer.

## BOARD OF ESTIMATE AND APPORTIONMENT

THE MAYOR, Chairman; E. P. BARKER (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER and PRESIDENT OF THE BOARD OF ALDERMEN, Members; CHARLES V. ADEE, Clerk.  
Office of Clerk, Staats Zeitung Building, Room 5.

## BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.  
JOSEPH KOCH, LEICESTER HOLME and WILLIAM S. ANDREWS, Commissioners; JAMES F. BISHOP, Secretary.

## SHERIFF'S OFFICE.

Nos. 6 and 7 New County Court-house, 9 A. M. to 4 P. M.  
JOHN J. GORMAN, Sheriff; JOHN B. SEXTON, Under Sheriff.

## COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
BERNARD F. MARTIN, Commissioner; JAMES E. CONNER, Deputy Commissioner.

## REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.  
FRANK T. FITZGERALD, Register; JOHN VON GLAHN, Deputy Register.

## COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.  
WILLIAM J. MCKENNA, County Clerk; P. J. SCULLY, Deputy County Clerk.

## DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park 9 A. M. to 4 P. M.  
DE LANCEY NICOLL, District Attorney; EDWARD T. FLYNN, Chief Clerk.

## CORONERS' OFFICE.

No. 27 Chambers street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12:30 P. M.  
MICHAEL J. B. MESSEMER, FERDINAND LEVY, LOUIS W. SCHULTZ, JOHN B. SHEA, Coroners; EDWARD F. REYNOLDS, Clerk of the Board of Coroners.

## THE CITY RECORD OFFICE,

And Bureau of Printing, Stationery, and Blank Books.  
No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, on which days 9 A. M. to 12 M.  
W. J. K. KENNY, Supervisor; DAVID RYAN, Assistant Supervisor; JOHN J. MCGRATH, Examiner.

## COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10:30 A. M., excepting Saturday.  
JAMES P. KEATING, Clerk. Office, Tombs.

## SUPREME COURT

Second floor, New County Court-house, opens 10:30 A. M.; adjourns 4 P. M.  
CHARLES H. VAN BRUNT, Presiding Justice; GEORGE L. INGRAHAM, ABRAHAM R. LAWRENCE, GEORGE C. BARRETT, GEORGE P. ANDREWS, EDWARD PATTERSON and MORGAN J. O'BRIEN, Justices; 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.

## SURROGATE'S COURT.

New County Court-house. Court opens at 10:30 A. M. adjourns 4 P. M.  
RASTUS S. RANSOM, Surrogate; WILLIAM V. LEARY, Chief Clerk.

## SUPERIOR COURT.

Third floor, New County Court-house, opens 11 A. M. adjourns 4 P. 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.

Naturalization Bureau, Room No. 31.

Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.

JOHN SEDGWICK, Chief Judge; JOHN J. FREEDMAN, CHARLES H. TRUAX, P. HENRY DUGRO, DAVID MCADAM and HENRY A. GILDERSLEEVE, Judges; 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 Judge; MILES BEACH, HENRY BOOKSTAVEN, HENRY BISCHOFF, JR., ROGER A. PRYOR and LEONARD A. GIEGERICH, Judges; ALFRED WAGSTAFF, Chief Clerk.

## BOARD OF ASSESSORS.

Office, 27 Chambers street, 9 A. M. to 4 P. M.  
EDWARD GILON, Chairman; EDWARD CAHILL, CHARLES E. WENDT and PATRICK M. HAVERTY; WM. H. JASPER, Secretary.

## OVER AND TERMINER COURT

New County Court-house, second floor, southeast corner Room No. 12. Court opens at 10:30 o'clock A. M.

JOHN F. CARROLL, Clerk. Office, Brown-stone Building, City Hall Park, second floor, northwest corner, 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.

SIMON M. EHRLICH, Chief Justice; HENRY P. MCGOWN, ROBERT A. VAN WYCK, JAMES M. FITZSIMONS, JOSEPH E. NEWBURGER and JOHN H. MCCARTHY, Justices; JOHN B. MCGOLDRICK, Clerk.

## COURT OF GENERAL SESSIONS

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

## POLICE COURTS.

Judges—PATRICK G. DUFFY, JAMES T. KILBRETH, JOHN J. RYAN, SOLON B. SMITH, CHARLES WELDE, DANIEL O'REILLY, DANIEL F. MCMAHON, EDWARD HOGAN, CHARLES N. TAINTOR, CLARENCE W. MEADE, PATRICK DIVER, THOMAS F. GRADY, JOHN R. VOORHIS, ANDREW J. WHITE.

GEORGE W. CREIGIER, Secretary.

Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue.  
First District—Tombs, Centre street.  
Second District—Jefferson Market.  
Third District—No. 69 Essex street.  
Fourth District—Fifty-seventh street, near Lexington avenue.  
Fifth District—One Hundred and Twenty-fifth street, near Fourth avenue.  
Sixth District—One Hundred and Fifty-eighth street and Third avenue.

## 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. HARRIOT  
Property Clerk

## BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED at the office of the Board of Education, corner of Grand and Elm streets, until Wednesday, November 23, 1892, at 4 P. M., for delivering Supplies to the various schools under the jurisdiction of said Board and returning to the Depository such material as is not needed in the schools, during the year 1893, according to the terms of a contract to be approved by the Committee on Supplies of said Board.

Each proposal must be addressed to said Committee on Supplies, and indorsed "Proposals for Delivering Supplies."

Two sureties, satisfactory to said Committee, will be required for the faithful performance of the contract.

The Committee reserves the right to reject any bid or bids if deemed for the public interest.

Any further information can be obtained on application to the Clerk of the Board.

NEW YORK, November 8, 1892.

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

## SEALED PROPOSALS WILL BE RECEIVED

at the office of the Board of Education, corner of Grand and Elm streets, until Wednesday, November 23, 1892, at 4 P. M., for supplying for the use of the schools under the jurisdiction of said Board, Books, Stationery and other articles required for one year, commencing on the 1st day of January, 1893. All publishers of books and dealers in the various articles required are notified that preference will be given to the bids of principals, the Committee being desirous that commissions, if any, shall be deducted from the price of the articles bid for. Each contractor will be required to furnish two responsible sureties for the faithful performance of his contract. A sample of each article must accompany the bid. A list of articles required, with the conditions upon which bids will be received, may be obtained on application to the Clerk of the Board. Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposals for Supplies." The Committee reserve the right to reject any bid if deemed for the public interest.

Dated New York, November 8, 1892.

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

## SEALED PROPOSALS WILL BE RECEIVED AT

the office of the Board of Education, corner of Grand and Elm streets, until Wednesday, November 23, 1892, at 4 P. M., for Printing required by the said Board for the year 1893, including rates for standing matter. Samples of the various documents, etc., required to be printed, may be seen at the office of the Clerk of the Board, where blank forms of proposals may also be obtained. Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposals for Printing." Two sureties, satisfactory to said Committee, will be required for the faithful performance of the contract. The Committee reserve the right to reject the whole or part of any bid if deemed for the public interest.

Dated New York, November 8, 1892.

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

## SEALED PROPOSALS WILL BE RECEIVED BY

the Board of School Trustees for the Nineteenth Ward, at the Hall of the Board of Education, No. 146 Grand street, until 9:30 o'clock A. M., on Wednesday, November 16, 1892, for supplying the Furniture, Parts 1 and 2, for the new wings of Grammar School Building No. 18.

RICHARD KELLY, Chairman,  
L. M. HORNTHAL, Secretary,  
Board of School Trustees, Nineteenth Ward.







and parcels of land situated on—



No. 1. Both sides of Bristow street, from Stebbins avenue to Boston road.  
No. 2. Both sides of Thirty-third street, from Lexington to Fourth avenue, and east side of Fourth avenue, from Thirty-third to Thirty-fourth street.  
No. 3. Both sides of Avenue B, from Eighty-sixth street to the Harlem river, and to the extent of half the block at the intersecting streets.

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 1st day of December, 1892.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENIET,  
EDWARD CAHILL,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 27 CHAMBERS STREET,  
NEW YORK, October 31, 1892.

## DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
Room 6, No. 31 CHAMBERS STREET,  
NEW YORK, November 4, 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, November 17, 1892, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR FURNISHING MATERIALS AND PERFORMING WORK IN PUTTING UP THE GAS AND ELECTRIC FIXTURES IN THE NEW HARLEM COURT-HOUSE, CORNER OF ONE HUNDRED AND TWENTY-FIRST STREET AND SYLVAN PLACE.

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 Room 15, No. 31 Chambers street.

THOS. F. GILROY,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
Room 6, No. 31 CHAMBERS STREET,  
NEW YORK, October 27, 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, November 10, 1892, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR FLAGGING EIGHT FEET WIDE AND REFLAGGING, CURBING AND RECURBING THE SIDEWALKS ON ONE HUNDRED AND THIRTY-SECOND STREET, from Broadway to Amsterdam avenue.

No. 2. FOR FLAGGING EIGHT FEET WIDE AND REFLAGGING, CURBING AND RECURBING THE SIDEWALKS ON THE NORTH SIDE OF TWENTY-NINTH STREET, from Ninth to Tenth avenue.

No. 3. FOR FLAGGING, FULL WIDTH, AND REFLAGGING, CURBING AND RECURBING THE SIDEWALKS ON SIXTY-THIRD STREET, from Central Park, West, to Boulevard.

No. 4. FOR REGULATING AND GRADING ONE HUNDRED AND THIRTIETH STREET, from Amsterdam avenue to Convent avenue, AND SETTING CURB-STONES AND FLAGGING SIDEWALKS THEREIN.

No. 5. FOR FURNISHING MATERIALS AND PERFORMING WORK IN FLAGGING AND CURBING THE SIDEWALKS OF THE NEW HARLEM COURT-HOUSE on the corner of One Hundred and Twenty-first street and Sylvan place.

No. 6. FOR TAKING UP AND RELAYING THE PAVEMENT NOW IN THE FOLLOWING NAMED STREETS: RECTOR STREET, from Broadway to Church street; WARREN STREET, from Broadway to College place; MURRAY STREET, from Broadway to College place, and DEY STREET, from Broadway to Church street.

No. 7. FOR TAKING UP AND RELAYING THE PAVEMENT NOW IN THE FOLLOWING NAMED STREETS: SPRUCE STREET, from Nassau to William street; MAIDEN LANE, from Broadway to William street; NASSAU STREET, from Beekman to Fulton street; ANN STREET, from Broadway to Nassau street, and ROOSEVELT STREET, from New Chambers to Cherry street.

No. 8. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT, ON THE PRESENT CONCRETE FOUNDATION (with granite blocks to be furnished by the Department of Public Works), THE CARRIAGEWAY OF FIFTH AVENUE, from north side of Thirtieth to north side of Thirty-second street; FIFTH AVENUE, from north side of Forty-fifth to north side of Forty-seventh street, and FIFTH AVENUE, from north side of Fifty-first to north side of Fifty-third street.

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, 5, and 15, No. 31 Chambers street.

THOS. F. GILROY,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
BUREAU OF WATER REGISTER,  
No. 31 CHAMBERS STREET, Room 2,  
NEW YORK, October, 1892.

### CROTON WATER RATES.

**NOTICE IS HEREBY GIVEN THAT ACCORD-** ing to law ten per cent. additional penalty will be added on the 1st of November next on all unpaid Croton Water Rates.

THOMAS F. GILROY,  
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, August 14, 1892.

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

**ATTENTION IS CALLED TO THE RECENT** act of the Legislature (chapter 449, Laws of 1889), 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 thereupon 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

### 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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to INTERVALE AVENUE (although not yet named by proper authority), from the Southern Boulevard to Wilkins place, 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.

**NOTICE IS HEREBY GIVEN THAT THE BILL** of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at the Chambers thereof, in the County Court-house, in the City of New York, on the 21st day of November, 1892, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Department of Public Works, there to remain for and during the space of ten days.

Dated New York, November 5, 1892.  
THOMAS P. WICKES,  
WILLIAM H. BARKER,  
DANIEL SHERRY,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CEDAR PLACE (although not yet named by proper authority), extending from Eagle avenue to Union 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 and 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 16th day of December, 1892, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 16th day of December, 1892, and for that purpose will be in attendance at our said office on each of 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 said city, there to remain until the 16th day of December, 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 northerly line of Westchester avenue, where the centre line of the blocks between Cedar place and Denman place intersects said northerly line of Westchester avenue; running thence westerly and parallel with the northerly line of Cedar place to a point distant 100 feet westerly of the westerly line of Eagle avenue; thence southerly and parallel with the westerly line of Eagle avenue to its intersection with the prolongation westerly from Eagle avenue of the centre line of the block between East One Hundred and Fifty-sixth street and Cedar place; thence easterly and parallel with the southerly line of Cedar place to a point distant about 115 feet easterly of the easterly line of Union avenue; thence northerly and at right angles with the last mentioned course to the point or place 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 30th day of December, 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, November 4, 1892.  
GEORGE P. WEBSTER, Chairman,  
J. RHINELANDER DILLON,  
WILLIAM H. MARSTON,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to KAPOCK STREET (although not yet named by proper authority), extending from the Spuyten Duyvil Parkway to a public road now called Johnson avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a second-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 30th day of November, 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 Commonalty 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 Kappock

street, from the Spuyten Duyvil Parkway to a public road now called Johnson avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a second-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 easterly line of the Spuyten Duyvil Parkway, distant 2,670.58 feet westerly from the northerly prolongation of the easterly line of Tenth avenue, measured at right angles to the same from a point 18,017.22 feet northerly of the intersection of the easterly line of Tenth avenue with the southerly line of One Hundred and Fifty-fifth street.

1. Thence northeasterly along the eastern line of Spuyten Duyvil Parkway for 140.95 feet.

2. Thence southerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 32 feet for 48.73 feet to a point of compound curve.

3. Thence southeasterly on the arc of a circle whose radius is 380 feet for 105.63 feet to a point of reverse curve.

4. Thence southeasterly on the arc of a circle whose radius is 371.33 feet for 77.98 feet to a point of compound curve.

5. Thence southeasterly on the arc of a circle whose radius is 635 feet for 269.99 feet to a point of compound curve.

6. Thence southerly on the arc of a circle whose radius is 420 feet for 190.59 feet.

7. Thence southerly on a line deflecting 72° 15' 42" to the left from a radial line passing through the southern extremity of the preceding course for 130.34 feet.

8. Thence southwesterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 485 feet for 232.42 feet to a point of reverse curve.

9. Thence southwesterly on the arc of a circle whose radius is 820 feet for 357.81 feet to a point of compound curve.

10. Thence southeasterly on the arc of a circle whose radius is 18 feet for 45.03 feet.

11. Thence southwesterly on a line tangent to the preceding course for 120.92 feet.

12. Thence southwesterly, deflecting 21° 24' to the left for 173.85 feet.

13. Thence northeasterly, curving to the left on the arc of a circle, tangent to the preceding course, and whose radius is 715.23 feet for 211.69 feet to a point of reverse curve.

14. Thence northeasterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 880 feet for 454.66 feet to a point of reverse curve.

15. Thence northeasterly on the arc of a circle whose radius is 425 feet for 215.57 feet to a point of compound curve.

16. Thence northerly on the arc of a circle whose radius is 340 feet for 230.02 feet to a point of compound curve.

17. Thence northwesterly, curving to the left on the arc of a circle whose radius is 555 feet for 457.17 feet, to the point of beginning.

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, October 31, 1892.  
WILLIAM H. CLARK,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City

In the matter of the application of the Commissioners of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of WEBSTER AVENUE, commencing at One Hundred and Eighty-fourth street and running to its intersection with the south line of Middlebrook Parkway, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT THE** bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at the Chambers thereof, in the County Court-house, in the City of New York, on the 16th day of November, 1892, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Department of Public Works, there to remain for and during the space of ten days.

Dated New York, November 1, 1892.  
JOHN WHALEN,  
JOHN H. MOONEY,  
JOHN HALLORAN,  
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 Commonalty 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 and extension of a new avenue, to be known as ST. NICHOLAS TERRACE, extending from Academy place, near One Hundred and Twenty-ninth street, to Convent avenue, opposite One Hundred and Fortieth street, in the Twelfth Ward of the City of New York.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate 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 12th day of December, 1892, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 12th day of December, 1892, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock a. 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 said city, there to remain until the 12th day of December, 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 on the westerly line of Avenue St. Nicholas, distant 100 feet southerly from the southerly line of One Hundred and Twenty-eighth street; running thence northerly along said westerly line of Avenue St. Nicholas to a point distant 100 feet northerly from the northerly line of One Hundred and Twenty-eighth street; thence westerly and parallel with said northerly line of One Hundred and Twenty-eighth street for a distance of 100 feet; thence northerly and parallel with the westerly line of Avenue St. Nicholas to the northerly line of One Hundred and Thirty-seventh street, now closed; thence westerly along said northerly line of One Hundred and Thirty-seventh street for a distance of 46.7 feet; thence northerly and parallel with the easterly line of St. Nicholas Terrace, and distant 100 feet easterly therefrom to the centre line of One Hundred and Thirty-ninth street, now closed; thence northerly and parallel with the westerly line of Avenue St. Nicholas, and distant 90 feet westerly therefrom, to the southerly line of One Hundred and Fortieth street, now closed; thence westerly along said southerly line of One Hundred and Fortieth street for a distance of 50 feet; thence



northly and parallel with the easterly line of Convent avenue to a point distant 99 feet 11 inches northly from the northly line of One Hundred and Forty-first street; thence westerly and parallel with said northly line of One Hundred and Forty-first street to the centre line of the block between the Boulevard and Twelfth avenue; thence southerly and parallel with the westerly line of the Boulevard to the centre line of the block between One Hundred and Thirty-second and One Hundred and Thirty-third streets; thence easterly and parallel with the southerly line of One Hundred and Thirty-third street to the centre line of the block between Amsterdam avenue and Convent avenue; thence southerly and parallel, or nearly so, with the westerly line of Convent avenue and distant about 100 feet westerly therefrom, to the centre line of One Hundred and Thirty-second street, now closed; thence southerly and parallel, or nearly so, with the westerly line of Convent avenue, and distant about 90 feet westerly therefrom to a point distant 100 feet southerly from the southerly line of One Hundred and Twenty-eighth street; thence easterly and parallel with said southerly line of One Hundred and Twenty-eighth street to the point or place of beginning; excepting from said area all the land included within the lines of streets, avenues and roads, or portions thereof, heretofore legally opened, 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 twenty-seventh day of December, 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, October 29, 1892.  
ANDREW S. HAMMERSLEY, JR.,  
Chairman,  
ROBERT M. VAN ARSDALE,  
PATRICK FOX,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SIXTY-FOURTH STREET (although not yet named by proper authority), extending from East One Hundred and Sixty-fifth street to Railroad avenue, West, and from Brook avenue to Trinity 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.

#### NOTICE TO ALL PERSONS INTERESTED IN THIS PROCEEDING OR IN ANY OF THE LANDS AFFECTED THEREBY.

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 ninth day of December, 1892, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said ninth day of December, 1892, and for that purpose will be in attendance at our said office on each of said ten days at four 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 12th day of December, 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.: Parcel 1—Northly by a line drawn parallel with and distant one hundred feet northly from the northly line of East One Hundred and Sixty-fourth street; easterly by the westerly line of Railroad avenue, West; southerly and westerly by a line drawn parallel with and distant one hundred feet southerly and westerly from the southerly and westerly line of East One Hundred and Sixty-fourth street. Parcel 2—Northly, by a line drawn parallel with and distant one hundred feet northly from the northly line of East One Hundred and Sixty-fourth street; easterly by the westerly line of Trinity avenue; southerly by a line drawn parallel with and distant one hundred feet southerly from the southerly line of East One Hundred and Sixty-fourth street and westerly by the easterly line of Third avenue.

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 27th day of December, 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, October 28, 1892.  
ADOLPH L. SANGER, Chairman,  
LAMONT MCLOUGHLIN,  
CHARLES W. DAYTON,  
Commissioners.  
CARROLL BERRY, Clerk.

In the matter of the application of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of CATHEDRAL PARKWAY, by widening and enlarging One Hundred and Tenth street, between Seventh avenue and Riverside Park, so as to conveniently connect thereby, and by appropriate entrances in connection therewith, Central Park, Morningside Park and Riverside Park, in the City of New York, pursuant to chapter 275 of the Laws of 1891, passed April 28, 1891.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 51 Chambers street (Room 4), in the said city, on Tuesday, November 15, at 10.30 o'clock A. M., to hear any person or persons who may consider themselves aggrieved by our estimate or assessment (an abstract of which has been heretofore filed by us for and during the space of forty days in the office of the Commissioner of Public Works, No. 31 Chambers street), in opposition to the same; that our said abstract of estimate and assessment may be hereafter inspected at our said office, No. 51 Chambers street; that it is our intention to present our report for confirmation to the Supreme Court, 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 6th day of December, 1892, at the opening of Court on that day, to which day the motion to confirm the same will be adjourned, 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, October 28, 1892.  
EUGENE S. IVES,  
ROBERT MACLAY,  
JOHN CONNELLY,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ONE HUNDRED AND SEVENTY-THIRD STREET, from Tenth avenue to the Kingsbridge road, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned Commissioners of Estimate and Assessment in the above-entitled matter, will be in attendance at our office, No. 51 Chambers street (Room 4), in the said city, on Monday, November 14, 1892, at 2 o'clock P. M., to hear any person or persons who may consider themselves aggrieved by our estimate or assessment (an abstract of which has been heretofore filed by us for and during the space of forty days in the office of the Commissioner of Public Works, No. 31 Chambers street), in opposition to the same; that our said abstract of estimate and assessment may be hereafter inspected at our said office, No. 51 Chambers street; that it is our intention to present our report for confirmation to the Supreme Court, 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 25th day of November, 1892, at the opening of Court on that day, to which day the motion to confirm the same will be adjourned, 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, October 29, 1892.  
WM. A. DUER, Chairman,  
WILLIAM H. WILLIS,  
SAMUEL W. MILBANK,  
Commissioners.  
MATTHEW P. RYAN, 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 Commonalty of the City of New York, relative to acquiring title (wherever the same has not been heretofore acquired) to ONE HUNDRED AND EIGHTY-SEVENTH STREET (although not yet named by proper authority), from Tenth avenue to Kingsbridge road, in the Twelfth Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate 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 the said city, on or before the 8th day of December, 1892, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 8th day of December, 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 8th day of December, 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.: Northly by the centre line of the block between One Hundred and Eighty-seventh street and One Hundred and Ninetieth street, and the centre line of the blocks between One Hundred and Eighty-seventh street and One Hundred and Eighty-eighth street; easterly by the westerly line of Wadsworth avenue and the westerly line of Amsterdam avenue; southerly by the centre line of the blocks between One Hundred and Eighty-fifth street and One Hundred and Eighty-seventh street, and westerly by the easterly line of Kingsbridge road; 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 twenty-third day of December, 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, October 26, 1892.  
MICHAEL J. MULQUEEN, Chairman,  
D. K. SCHUSTER,  
HERMANN BOLTE,  
Commissioners.  
MATTHEW P. RYAN, Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northly side of SEVENTY-SEVENTH STREET, between Columbus (formerly Ninth) avenue and Amsterdam (formerly Tenth) avenue, in the Twenty-second Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890, the Board of Education hereby gives notice that the Counsel to the Corporation will make application to a Special Term of the Supreme Court of the State of New York, in and for the First Department, to be held at the Chambers of the Court in the County Court-house in the City of New York, on the 14th day of November, 1892, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate in the above-entitled proceeding in the place and stead of Edward L. Parris, who refuses to act.

Dated New York, October 28, 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 Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northly side of Hester street, between Norfolk and Essex streets in the Tenth Ward of said city, duly selected and approved by said Board as a site for school purposes under and in pursuance of the provisions of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890, hereby give notice to the owner or owners, lessee or lessees, parties and persons respectively entitled to,

or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate and who may object to the same or any part thereof, may, within ten days after the first publication of this notice, file their objections to such estimate in writing with us at our office, Room No. 11, on the third floor of the Stewart Building, No. 280 Broadway in the said city, as provided by section 4 of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890; and that we, the said Commissioners, will hear parties so objecting at our said office on the 7th day of November, 1892, at 12 o'clock noon, and upon such subsequent days as may be found necessary.

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 the Chambers in the County Court-house, in the City of New York, on the 14th day of November, 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, October 22, 1892.  
EDWARD T. WOOD,  
ALBERT BACH,  
WILLIAM H. BARKER,  
Commissioners.  
ROBERT J. PENNY, 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 Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND THIRTY-SECOND STREET, from Twelfth avenue to the bulkhead-line, Hudson river, in the Twelfth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, have been appointed, by an order of the Supreme Court duly made and entered in the above-entitled matter, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, over and above the benefit and advantage, or of the benefit and advantage, if any, over and above the loss and damage, as the case may be, to the respective owners, lessees, parties and persons, respectively, entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose of that certain street or avenue, designated as One Hundred and Thirty-second street extending from the westerly line of Twelfth avenue to the bulkhead-line of the Hudson river, and the acquisition of title by the City to the land included within the lines of such street or avenue, as the same was laid out by the Commissioners of Streets and Roads in the City of New York, under and by virtue of the act of the Legislature of the State of New York, entitled "An act relative to improvements touching the laying out of streets and roads in the City of New York, and for other purposes," passed April 3, 1867, and shown upon the map filed by them in the office of the Street Commissioner of the City of New York on April 1, 1871, and as laid out, established and retained by the Board of Commissioners of the Central Park, by and under authority of chapter 697 of the Laws of the State of New York, passed April 24, 1867, as shown and delineated on a certain map made by the Board of Commissioners of the Central Park, and filed in the office of the Street Commissioner of the City of New York, on March 7, 1868, and more particularly set forth and described in the petition of the Board of Street Opening and Improvement and in the order appointing Commissioners, which said petition and order are now on file in the office of the Clerk of the City and County of New York; and for the purpose also of making a just and equitable estimate and assessment of the value of the benefit and advantage of such street or avenue, so to be opened, to the respective owners, lessees, parties and persons, respectively, entitled unto or interested in the respective lands, tenements, hereditaments and premises not required for the purpose of opening said street or avenue, but deemed by us to be benefited thereby and for the purpose of executing the trusts and duties imposed upon us as such Commissioners by title 5 of chapter 16 of chapter 410 of the Laws of 1882, entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and by such acts or parts of acts as relate to or prescribe our duties as such Commissioners, passed subsequent thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of the opening of the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same to us, duly verified, with such affidavits or other proof as the owners or claimants may desire, at our office, No. 200 Broadway (fifth floor, Room 25), in the City of New York, within thirty days after the date of this notice (October 6, 1892). And we, the said Commissioners, will be in attendance at our said office on the fifteenth day of November, 1892, at two o'clock P. M., of that day, to hear the said parties and persons in relation thereto. And at such time and place, or at such further time or other time and place as we may appoint, we will hear such owners and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may be then offered by such owner or on behalf of the Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, October 6, 1892.  
JOHN E. WARD, Chairman,  
J. P. SOLOMON,  
HENRY WINTHROP GRAY,  
Commissioners.  
CARROLL BERRY, Clerk.

#### IN RE MULBERRY BEND PARK.

NOTICE TO ALL OWNERS, LESSEES, PARTIES and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the acquisition of title to the lands required for Mulberry Bend Park, as laid out and established by the Board of Street Opening and Improvement, pursuant to the provisions of chapter 320 of the Laws of 1887; and to the respective owners, lessees, parties and persons respectively entitled unto or interested in the respective lands, tenements, hereditaments and premises embraced within the area of assessment fixed and determined by the said Board of Street Opening and Improvement as the area within which thirty per cent of the expense to be incurred in acquiring the lands for such park shall be assessed.

NEW YORK 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 Commonalty of the City of New York, relative to acquiring title to certain lands in the Sixth Ward of the City of New York, bounded by Park, Mulberry, Bayard and Baxter streets, for a public park, as laid out by said Board under and in pursuance of chapter 320 of the Laws of 1887, in the City of New York.

We, the undersigned, Commissioners of Estimate in the above-entitled matter, hereby give notice pursuant to section 4 of chapter 320 of the Laws of 1887, passed May 13, 1887, that a true report or transcript of our estimate of the loss and damage to the respective owners, lessees, parties and persons, respectively,

entitled to or interested in the lands, tenements, hereditaments and premises to which title is sought to be acquired in this proceeding, and of the value of the benefit and advantage to the respective owners, lessees, parties and persons, respectively, entitled unto or interested in the respective lands, tenements, hereditaments and premises embraced within the area of assessment fixed and determined by the Board of Street Opening and Improvement of the City of New York as the area within which thirty per cent of the expense to be incurred in acquiring the land required for said park, as laid out and established by the said Board, shall be assessed, has been deposited by us in the office of the Department of Public Parks of the City of New York, for the inspection of whomsoever it may concern; the area, as fixed and determined by the said Board of Street Opening and Improvement, upon which such assessment is levied is bounded and described as follows: Northly by a line parallel with and distant one hundred feet northly from the northly line of Canal street; easterly by a line parallel with and distant one hundred feet easterly of the easterly lines of Bowery, Chatham Square and Park Row; southerly by a line parallel with and distant one hundred feet southerly of the southerly line of Pearl street, and westerly by a line parallel with and distant one hundred feet westerly of the westerly line of Elm street, as such area is shown upon our benefit map deposited as aforesaid with the abstract of our said estimate; and further, 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 14th day of November, 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; and further, that any person or persons whose rights may be affected thereby and who may object to the same, or any part thereof, may, within thirty days after the first publication of this notice (October 6, 1892), set forth their objections to the same in writing, to us, who will receive such objections at our office, No. 200 Broadway (fifth floor, Room 25), at any time within the period mentioned.

Dated New York, October 4, 1892.  
GILBERT M. SPEIK, JR., Chairman,  
PATRICK H. KERWIN,  
LEICESTER HOLME,  
Commissioners of Estimate.  
CARROLL BERRY, Clerk.

In the matter of the application of the Board of Education by the Counsel to the Corporation of the City of New York, relative to acquiring title by the Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northly side of RIVINGTON STREET, between Lewis and Cannon streets, in the Eleventh Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890, the Board of Education hereby gives notice that the Counsel to the Corporation will make application to a Special Term of the Supreme Court of the State of New York, in and for the First Department, to be held at the Chambers of the Court, in the County Court-house in the City of New York, on the 14th day of November, 1892, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate in the above-entitled proceeding, in the place and stead of William N. Armstrong, who refuses to act.

Dated New York, October 18, 1892.  
WILLIAM H. CLARK,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Mayor, Aldermen and Commonalty of the City of New York, relative to the opening of CATHEDRAL PARKWAY, by widening and enlarging One Hundred and Tenth street, between Seventh avenue and Riverside Park, so as to conveniently connect thereby, and by appropriate entrances in connection therewith, Central Park, Morningside Park and Riverside Park, in the City of New York, pursuant to chapter 275 of the Laws of 1891, passed April 28, 1891.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate 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 the said city, on or before the 24th day of October, 1892, and that we, the said Commissioners, will hear parties so objecting within ten week-days next after the said 24th day of October, 1892, and for that purpose will be in attendance at our said office on each of said ten days at 10.30 o'clock A. 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 24th day of October, 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.: Northly by the centre line of the blocks between One Hundred and Sixteenth and One Hundred and Seventeenth streets; easterly by a line parallel with the easterly line of Sixth avenue and 100 feet distant therefrom, to the centre line of the block between One Hundred and Tenth and One Hundred and Eleventh streets, and running thence along said centre line to the westerly side of Fifth avenue; thence along the westerly side of Fifth avenue to the centre line of the block between One Hundred and Fourth and One Hundred and Third streets prolonged; southerly by the centre line of the blocks between One Hundred and Third and One Hundred and Fourth streets; westerly by the Hudson river; excepting from said area all the land included within the lines of streets, avenues and roads, or portions thereof, heretofore legally opened, 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 10th day of November, 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, September 9, 1892.  
EUGENE S. IVES, Chairman,  
JOHN CONNELLY,  
Commissioners.  
JOHN P. DUNN, Clerk.

#### THE CITY RECORD.

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W. J. K. KENNY,  
Supervisor