

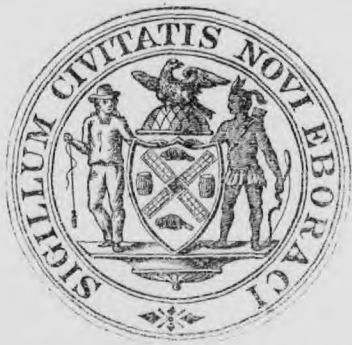
THE CITY RECORD.

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DEPARTMENT OF DOCKS.

CITY OF NEW YORK—DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER,
NEW YORK, June 3, 1891.

Hon. HUGH J. GRANT, Mayor of the City of New York:

SIR—I transmit, herewith, quarterly report, containing the transactions of this Department for the two quarters ending April 31, 1891, sent in accordance with section 49 of chapter 410 of the Laws of 1882, as amended by chapter 62, Laws of 1887.

Yours, respectfully,
EDWIN A. POST, President.

Report for the Quarter ending January 31, 1891.

Statement of Revenue and Disbursements of the Department of Docks for the Quarter ending January 31, 1891.

Associates of the Jersey Company	\$2,000 00
Bostwick, Jabez A.	400 68
Bouker, John A.	1,450 25
Briggs, Robert S.	1,250 00
Brown & Fleming	227 50
Bernheimer & Schmid	150 37
Bridgeport Steamship Co.	375 00
Baltimore and Ohio Railroad Co.	7,018 75
Brown, Joseph V.	1,375 00
Charles, Peter	100 00
Clark & Seaman	375 00
Compagnie Générale Transatlantique	7,625 00
Cruikshank, William, Jr.	200 00
Cunard Steamship Co., Limited	7,625 00
Clyde, B. F.	2,000 00
Curtiss, S. D.	62 50
Central Railroad Co. of New Jersey	9,525 00
Cunningham, Thomas, assignee	50 00
Canda & Kane	89 75
Catskill and New York Steamboat Co., Limited	2,500 00
Cornell, Joseph	475 00
Citizens' Steamboat Co.	3,812 50
Cavanagh & Collins	625 00
Campbell, Bernard	300 00
Consumers' Ice Co.	375 00
Decker, A. T., & Co.	650 00
Delaware, Lackawanna and Western Railroad Co.	9,125 00
Ehrenreich Brothers	25 00
Equitable Gas Light Co.	65 00
Farrington, Harvey P.	5,000 00
Flandrau, Frank	2,562 50
Greenpoint Ferry Co.	1,025 00
Gillies, James	87 50
Hartford and New York Transportation Co.	1,625 00
Harlem River and Portchester Railroad Co.	375 00
Hoboken Land and Improvement Co.	2,151 06
Hurst, F. W. J.	7,625 00
Herbert, H. L.	125 00
Hunt & Donaldson	300 00
Huntington, C. P.	18,375 00
Homer Ramsdell Transportation Co.	250 00
Hudson Tunnel Railway Co.	500 00
Iron Steamboat Co.	7,525 00
International Steam Navigation Co.	6,000 00
Kane & Wright	102 50
Knickerbocker Ice Co.	1,200 00
Lathrop, Francis S.	4,312 50
Long Island Railroad Co.	500 00
Long Island Land Fertilizing Co.	500 00
Lehigh Valley Railroad Co.	1,012 50
McCarthy, John H.	181 25
McCarthy, John	12 50
McPherson	57 75
Mersereau, I. P.	750 00
Maine Steamship Co.	3,066 42
Merchants' Union Ice Co.	62 50
Mallory, C. H., & Co.	1,500 00
Metropolitan Steamship Co.	187 50
Mutual Benefit Ice Co.	250 00
Morgan's Louisiana and Texas	7,500 00
McClenahan, James	500 00
Metropolitan Ferry Co., Assignee	975 00
Manhattan Railway Co.	1,250 00
Milliken, David	110 00
Morgan, C. L.	1,125 00
New Jersey Railroad and Transportation Co.	250 00
New York and Baltimore Transportation Co.	100 00
New York Steam Co.	500 00
New York Horse Manure Co.	875 00
New York and Texas Steamship Co.	1,750 00
National Transit Co.	25 00
New York, New Haven and Hartford Railroad Co.	3,250 00
New Haven Steamboat Co.	3,000 00
Nassau Ferry Co.	700 00
Neidlinger, Schmidt & Co.	307 50
New York, Lake Erie and Western Railroad Co.	27,052 87
New York Central and Hudson River Railroad Co.	33,789 88

New York and Brooklyn and Ferry Co.	\$1,601 63
Owens & Co.	125 00
Old Colony Steamboat Co.	708 75
Goodwin, Mark	150 00
Old Dominion Steamship Co.	10,000 00
Ocean Steamship Co.	8,750 00
Pacific Mail Steamship Co.	13,750 00
Plunkitt, George W. and Thomas Smith	975 00
Phelps, Frank	2,750 00
Penniman, George H.	750 00
Pim, Forwood & Co.	5,000 00
Popham & Co.	65 00
Providence and Stonington Steamship Co.	13,790 00
Person, O. D.	30 00
Pennsylvania Railroad Co.	19,875 00
Quebec Steamship Co.	4,250 00
Ramsdell & Co.	6,671 25
Simpson & Spence	6,250 00
Skidmore's, Jeremiah, Sons	125 00
Sundry Debtors (Daniel Darrow)	5,650 61
Riverside and Fort Lee Ferry Co.	187 50
Sand & Koenig	37 50
Suburban Rapid Transit Co.	125 00
Sanderson & Son	5,000 00
Starin, John H.	600 00
Smith, Carl	500 00
Saugerties and New York Steamboat Co.	301 09
Standard Gas Light Co.	62 50
Tremper & Morris	1,100 00
Twenty-third Street Railway Co.	300 00
Union Stock Yard and Market Co.	750 00
Untermeyer, Isaac	75 00
Underhill A. M. & Co.	7,875 00
Van Santvoord, C. T.	1,500 00
Van Tassel, Emory M.	462 50
Western Stock Yard Co.	1,750 00
Winant, George W.	250 00
Wise, Nathaniel	150 00
Romaine & Co.	37 50

\$332,480 86

Receipts from Wharfage.

Wharfage collected through Dock Masters	\$27,808 27
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Miscellaneous Receipts.

Repairs for private owners	\$1,712 64
Dump tickets	1,895 00
Sale of maps	6 50
Costs account	381 21
Interest account	1 54

Deposited with the Chamberlain \$364,286 02

Expenditures.

Warrants drawn upon the Comptroller for audited bills and claims on Construction and General Repairs Accounts	\$291,416 90
Salaries of Commissioners	\$2,749 98
Construction Force	20,117 01
Labor pay-rolls	100,150 04
Bills and claims and salaries audited on Annual Expense Account	13,385 49
Claims audited on Acquired Property Account	125 00

427,944 42

Statement of Dock Fund.

Balance, October 31, 1890	\$1,239,233 05
Deposited to credit of Dock Fund	\$3,614 14
Less charged back to Dock Fund	94 59

3,519 55

Deduct expenditures \$1,242,752 60

427,944 42

Balance, January 31, 1890. \$814,808 18

Very respectfully submitted,
FRANCIS E. MOON, Chief Clerk.

Report for the Quarter ending April 30, 1891.

Statement of Revenue and Disbursements of the Department of Docks for the Quarter ending April 30, 1891.

Associates of the Jersey Co.	\$2,000 00
Bostwick, Jabez A.	7,900 68
Bouker, John A.	1,850 00
Briggs, Robert S.	1,250 00
Brooklyn and New York Ferry Co.	1,639 13
Brown & Fleming	227 50
Bernheimer & Schmid	150 37
Baltimore and Ohio Railroad Co.	8,768 75
Bridgeport Steamship Co.	375 00
Brown, Joseph V.	1,375 00
Charles, Peter	100 00
Clark & Seaman	375 00
Compagnie Générale Transatlantique	7,625 00
Cruikshank, William, agent	200 00
Cunard Steamship Co.	7,625 00
Clyde, B. F.	2,000 00
Curtis, G. D.	62 50
Central Railroad Co. of New Jersey	9,525 00
Cunningham, Thomas	50 00
Canda & Kane	62 50
Catskill and New York Steamboat Co., Limited	2,500 00
Cornell, Joseph	475 00
Cavanagh & Collins	625 00
Campbell, Bernard	300 00
Consumers' Ice Co.	375 00
Delaware, Lackawanna and Western Railroad Co.	9,125 00
Ehrenreich Bros.	25 00
Equitable Gas-light Co.	65 00
Farrington, Harvey P.	5,000 00
Flandrau, Frank	2,562 50
Greenpoint Ferry Co.	1,025 00
Gillies, James	87 50
Hartford and New York Transportation Co.	1,625 00

Harlem River and Portchester Railroad Co.....	\$375 00
Hoboken Land and Improvement Co.....	2,151 06
Hurst, F. W. J.....	7,625 00
Herbert, H. L. & Co.....	125 00
Hudson Tunnel Railway Co.....	500 00
Huntington, C. P.....	18,375 00
Homer Ramsdell Transportation Co.....	250 00
International Navigation Co.....	6,000 00
Iron Steamboat Co.....	7,525 00
Kane & Wright.....	102 50
Knickerbocker Ice Co.....	1,200 00
Lathrop, Francis S.....	4,312 50
Long Island Land Fertilizing Co.....	500 00
Long Island Railroad Co.....	500 00
Lehigh Valley Railroad Co.....	1,018 75
McPherson, John R.....	57 75
Mersereau, I. P.....	750 00
Maine Steamship Co.....	3,099 63
Mallory, C. H.....	1,500 00
Metropolitan Steamship Co.....	187 50
McCarthy, John.....	12 50
Merchants Union Ice Co.....	62 50
McCarthy, John H.....	181 25
Mutual Benefit Ice Co.....	250 00
Morgan's Louisiana and Texas Railroad and Steamship Line.....	7,500 00
McClenahan, James.....	500 00
Metropolitan Ferry Co., assignee.....	975 00
Manhattan Railway Co.....	1,250 00
Milliken, David.....	220 00
Morgan, C. L.....	1,125 00
New Jersey Railroad and Transportation Co.....	250 00
New York and Baltimore Transportation Co.....	100 00
New York Steam Co.....	500 00
New York and Texas Steamship Co.....	1,750 00
National Transit Co.....	25 00
New York, New Haven and Hartford Railroad Co.....	3,000 00
New Haven Steamboat Co.....	3,000 00
New York Horse Manure Co.....	875 00
Nassau Ferry Co.....	700 00
Neidlinger & Schmidt.....	307 50
New York Central and Hudson River Railroad Co.....	33,789 88
New York, Lake Erie and Western Railroad Co.....	27,052 87
Owens & Co.....	125 00
Old Colony Steamboat Co.....	708 75
Goodwin, M.....	150 00
Oceanic Steam Navigation Co.....	15,000 00
Old Dominion Steamship Co.....	10,000 00
Ocean Steamship Co.....	8,750 00
Plunkitt, George W., & Smith.....	975 00
Phelps, Frank.....	2,750 00
Penniman, George H.....	750 00
Pim, Forwood & Co.....	5,000 00
Popham & Co.....	65 00
Providence and Stonington Steamship Co.....	13,790 00
Person, O. D.....	30 00
Pennsylvania Railroad Co.....	24,875 00
Quebec Steamship Co.....	4,250 00
Ramsdell, Homer.....	6,671 25
Riverside and Fort Lee Ferry Co.....	187 50
Romaine, B. F.....	37 50
Rossiter, W. W.....	6,250 00
Skidmore, Jeremiah, Sons.....	125 00
Sand & Koenig.....	37 50
Simpson & Spence.....	6,250 00
Suburban Rapid Transit Co.....	125 00
Starin, John H.....	600 00
Sanderson & Son.....	5,000 00
Smith, Carl.....	500 00
Standard Gas-light Co.....	62 50
Twenty-third Street Railway Co.....	300 00
Union Stock Yard and Market Co.....	750 00
Underhill, A. M. & Co., agents.....	7,875 00
Untermyer, Isaac.....	75 00
Van Santvoord, C. T.....	1,500 00
Van Tassel, Emory M.....	462 50
Western Stock Yard Co.....	1,750 00
Winant, George W.....	250 00
Wise, Nathaniel.....	150 00
Pacific Mail Steamship Co.....	13,750 00

Receipts from Wharfage.	\$356,460 12
Wharfage collected through Dock Masters.....	\$22,336 84
Miscellaneous Receipts.	
Rent advances.....	\$16,240 42
Repairs for private owners.....	229 40
Sale of maps.....	25 00
Dump tickets.....	1,050 00
Judgments recovered.....	1,395 00

Deposited with the Chamberlain.....	\$397,736 78
Expenditures.	
Warrants drawn upon the Comptroller for audited bills and claims on Construction and General Repairs Accounts.....	\$266,902 92
Salaries of Commissioners.....	3,750 00
Salaries of Construction Force.....	20,332 64
Labor—Pay-rolls.....	96,634 98
Bills and claims and salaries audited on Annual Expense Account.....	13,209 59
Claims audited on Acquired Property Account.....	320,114 75
	\$720,944 88

Statement of Dock Fund.	
Balance, January 31, 1891.....	\$814,808 18
Dock Bonds.....	1,000,000 00
Deposited to credit of Dock Fund.....	1,304 40
	\$1,816,112 58
Deduct expenditures.....	720,944 88
Balance of Dock Fund April 30, 1891.....	\$1,095,167 70

Respectfully submitted,

FRANCIS E. MOON, Chief Clerk.

DEPARTMENT OF DOCKS—OFFICE OF THE ENGINEER-IN-CHIEF,

PIER "A," FOOT OF BATTERY PLACE, N. R.,

NEW YORK, January 31, 1891.

To the Board of Docks :

GENTLEMEN—I have the honor to submit the following report of work done under my supervision for the quarter ending January 31, 1891 :

NORTH RIVER.

West Washington Market Section—Resolution of the Board, February 6, 1889.

BULKHEAD-WALL.

STONE FILLING.

Cobble and rip-rap stone were deposited on wall foundation under Contract No. 345.

PILING AND WOODWORK.

227 vertical piles were driven, regulated and staylathed ; 29 bracing piles were driven and regulated ; foundation piles were located ; 3½ binding frames were built and sunk to place ; 312 lineal feet of longitudinal capping and 24 cross-caps were placed and fastened.

PIER, NEW 14, N. R.

Contract No. 360.

The shed on Pier, old 21, North river, was torn down, and pier is being torn up and removed preparatory to building new pier.

SILT-BASINS.

The silt-basins on new-made land, between Warren and Jay streets, were cleaned out at various times, as required.

Franklin Street Section—Resolution of the Board, November 13, 1890.

BULKHEAD-WALL.

DREDGING.

Mud and crib-work were excavated and removed from bulkhead-wall area under Treasurer's orders therefor.

STONE FILLING.

Cobble and rip-rap stone were deposited on line of wall under Treasurer's Orders therefor.

PILING AND WOODWORK.

Binding-frame was built ; old pier and bulkhead were torn up and material rafted.

FILLING IN REAR OF WALL.

Stakes driven on new-made land were located to ascertain the settlement in earth filling.

PIER, NEW 23, N. R.

Test piles were driven over site of proposed new pier.

DREDGING.

Mud was excavated and removed from site of proposed new pier under Contract No. 364.

PIER, NEW 25, N. R.

Test piles were driven over proposed extension to pier.

Laight Street Section—Resolution of the Board, September 20, 1889.

BULKHEAD-WALL.

STONE FILLING.

Cobble was discharged on wall foundation under Contract No. 345.

PILING AND WOODWORK.

Deck planking was laid and fastened on caps in rear of wall.

MASONRY.

51 pieces of granite were placed on wall and backed up with 157 batches of concrete ; 17 pieces of granite and 1 closure piece 4 feet long, were placed and set on top of granite on wall.

FILLING IN REAR OF WALL.

11,224 loads of earth filling were received and placed in rear of wall. Total received to date, 60,606 loads.

PIER, NEW 29, N. R.

Contract No. 317.

The inner 100 feet in length of pier was built and the work completed. A shed is being built over the entire area of Pier, new 29, by the Pennsylvania Railroad Company, under resolution of the Board, April 17, 1890.

PIER, NEW 45, N. R.

The above pier is being lengthened 100 feet by the White Star Line under resolution of the Board, August 1, 1890.

PIER, NEW 46, N. R.

Mud was excavated from site of pier ; pier was repaired and is being extended 100 feet and shed is being repaired and painted, under Contract No. 359.

PIER, NEW 47, N. R.

Piles were driven, regulated and staylathed ; cross-caps were placed and fastened ; piles were trimmed for armature plates and old piles at outer end of pier were pulled to make connection with extension under resolution of the Board of November 13, 1890.

West Twenty-third Street Section, North End—Resolution of the Board, June 28, 1882.

BULKHEAD-WALL.

STONE FILLING.

Mud was pumped from wall foundation and cobble and rip-rap stone were deposited on wall foundation, under Contract No. 345 and Treasurer's Orders.

PILING AND WOODWORK.

4 foundation piles and 27 bracing piles were driven ; platform piles were cut off to grade ; foundation piles were located ; 3 binding frames were built and sunk to place ; 264 lineal feet of longitudinal capping and 54 cross-caps were placed and fastened and deck planking was fastened on caps in rear of wall.

MASONRY.

12 concrete blocks were set on wall foundation ; chain holes in concrete blocks were filled with concrete in bags. 51 pieces of granite were set on wall and backed up with 101 batches of concrete.

PIER, NEW 58, N. R.

Contract No. 350.

A new pier near the foot of West Twenty-eighth street is being built by John W. Flaherty, under the above contract.

FILLING SOUTH OF WEST THIRTIETH STREET.

Secretary's Order No. 10135.

12,434 loads of filling were placed in rear of the bulkhead wall, by the Department of Street Cleaning.

FILLING AT WEST TWENTY-SEVENTH STREET.

Secretary's Order No. 10398.

The southerly half of West Twenty-seventh street, from the westerly side of Eleventh avenue, to a point about 70 feet west of west side of Thirteenth avenue, has been filled in by J. B. & J. M. Cornell, at their own expense.

FILLING BETWEEN WEST TWENTY-SEVENTH AND WEST TWENTY-EIGHTH STREETS.

Secretary's Order No. 10403.

The northerly half of West Twenty-seventh street and the southerly half of West Twenty-eighth street are being filled in by Mr. W. W. Rossiter.

FILLING BETWEEN WEST TWENTY-EIGHTH AND WEST THIRTIETH STREETS.

Secretary's Order No. 9910.

Filling is being placed between West Twenty-eighth and West Thirtieth streets, east of Thirteenth avenue, and streets and avenues are being built by Robert Ray and John A. King, executors of Cornelius Ray, deceased, in accordance with resolution of the Board, February 28, 1890.

*West Thirty-first Street Section—Resolution of the Board, September 19, 1883.*BULKHEAD-WALL.
MASONRY.

3 pieces of coping were set on wall and backing logs were prepared and placed.

SHED BETWEEN PIERS, NEW 61 AND 63, N. R.

Secretary's Order No. 10209.

A freight shed was built on timber foundations from the southerly line of Pier, new 61, to the north line of Pier, new 63, by the New York Central and Hudson River Railroad Company, in accordance with plans and specifications submitted.

West Thirty-third Street Section—Resolution of the Board, February 20, 1890.

BULKHEAD-WALL.

Rip-rap and cobble stone were discharged on wall foundation.

MASONRY.

12 pieces of granite were set in wall and backed up with 41 batches of concrete.

FILLING IN REAR OF WALL.

1,105 loads of earth filling were received on tickets and 3,257 loads from Department of Street Cleaning, and same were placed in rear of wall. Total received to date, 1,130 loads on tickets and 3,352 loads from Department of Street Cleaning.

CRIB-WORK.

Piles were driven to retain crib-work at West Thirty-second street.

FILLING AT WEST THIRTY-THIRD STREET.

Secretary's Order No. 10528.

Filling is being placed north of West Thirty-third street by George W. Plunkitt, under permit of the Board.

PIER, NEW 63, N. R.

A freight bridge is being constructed on the north side of Pier, new 63, by the New York Central and Hudson River Railroad Company, under resolution of the Board, November 13, 1890.

FILLING BETWEEN WEST THIRTY-SEVENTH AND WEST THIRTY-EIGHTH STREETS.

Secretary's Order No. 9692.

Earth filling is being placed in rear of bulkhead-wall between West Thirty-seventh and West Thirty-eighth streets by the Pennsylvania Railroad Company, under resolution of the Board, November 14, 1889, and retaining structures are being built at the north and south ends of the wall to retain same.

SEWER AT WEST THIRTY-NINTH AND WEST FORTIETH STREETS.

Secretary's Order No. 9893.

A sewer is being built on a pile foundation along the westerly edge of the platform, between West Thirty-ninth and West Fortieth streets, to connect the sewer at West Thirty-ninth street with the new Pier at West Fortieth street, by the Department of Public Works, under permit of the Board.

PIER AT WEST FORTY-FIFTH STREET.

A plank approach 48 feet in width at the pier and 30 feet in width at the easterly end and 100 feet in length, was laid to new pier, under Secretary's Order No. 10552.

PIER AT WEST FORTY-NINTH STREET.

Contract No. 340.

A new wooden pier and approach is being built at the foot of West Forty-ninth street, by Barth. S. Cronin, contractor, and was begun July 30, 1890, and is in progress.

PIER AT WEST FIFTY-SECOND STREET.

Contract No. 344.

A new wooden pier and approach is being built at the foot of West Fifty-second street, by the Contractor, P. Sanford Ross, under the above contract. In progress.

Pier at West Fifty-seventh Street Section—Resolution of the Board, August 1, 1889.

BULKHEAD-WALL.

STONE-FILLING.

Cobble and rip-rap stone were discharged on wall foundation by J. A. Bouker, under Contract No. 345.

PILING AND WOODWORK.

122 vertical piles were driven, regulated and staylathed, and 18 bracing piles were driven and regulated; foundation piles were located, 3 binding frames were built and sunk to place, 336 longitudinal feet of capping, and 15 transverse caps were placed and fastened, and deck planking was placed.

MASONRY.

4 concrete blocks were set and chain holes were filled with concrete in bags, 56 pieces of granite were set on wall foundation and backed up with 150 batches of concrete, 5 pieces of coping were set on top of granite on wall, backing logs were prepared and fastened on top of coping.

Bulkhead and Pier at West One Hundred and Thirty-third Street.

The work of building a new bulkhead and pier at the foot of West One Hundred and Thirty-third street, North river, was begun August 28, 1890, by the contractor, William P. Kelly, under Contract No. 348. In progress.

Pier at West One Hundred and Thirty-fourth Street.

The work of building a new pier at the foot of West One Hundred and Thirty-fourth street, North river, was begun on August 30, 1890, by the contractor, William P. Kelly, under Contract No. 349. In progress.

Pier at West Fifty-sixth Street.

A platform approach on piles was built to the above pier.

FILLING IN REAR OF WALL.

2,811 loads of filling were received on tickets and same were placed in rear of wall. Total received to date, 93,260 loads. 3,058 loads of filling were also received from George W. Plunkitt, and same were placed in rear of wall.

Pier at West Fifty-seventh Street.

Resolution of the Board, February 6, 1889.

Oak fender piles were sawed off and cleats were placed and fastened.

Filling at West Fifty-seventh Street.

West Fifty-seventh street is being filled in from original line of high water to the easterly side of Twelfth avenue, by Charles E. Appleby, under resolution of the Board, September 25, 1890.

Filling between West Fifty-seventh and West Fifty-eighth Streets.

Earth filling is being placed east of Twelfth avenue, between West Fifty-seventh and West Fifty-eighth streets, by Charles E. Appleby, under Secretary's Order No. 10138.

Pier at West Fifty-ninth Street.

A new pier was built by the New York Central and Hudson River Railroad Company at the foot of West Fifty-ninth street, under resolution of the Board, May 23, 1890.

Grain Elevator between West Sixtieth and West Sixty-second Streets.

The grain elevator on the bulkhead between West Sixtieth and West Sixty-second streets is being erected and restored under Secretary's Order No. 9022.

West Sixty-third Street Pier.

The stone foundations of Pier foot of West Sixty-third street was rebuilt; also timber pier was erected upon same, in accordance with plans submitted by the New York Central and Hudson River Railroad Company, under permit of the Board.

Pier at West Sixty-fourth Street.

A shed is being built on the Pier at the foot of West Sixty-fourth street, and a double line of railroad tracks laid down its centre; also a second story floor is being built in shed, under Secretary's Order No. 9624.

EAST RIVER.

Pier 43, E. R.

13 test piles were driven to get information for building a new pier in place of Pier, old 43, East river.

Pier, old No. 45, E. R.

A new iron shed is being built by the lessees, under permit of the Board.

Pier, new 36, E. R.

A new iron shed is being built by the New England Terminal Company, under resolution of the Board, August 1, 1889.

East Twenty-fourth Street Section—Resolution of the Board, April 25, 1889.

BULKHEAD-WALL.

STONE FILLING.

Cobble and rip-rap stone were discharged on wall foundation by Andrew A. Bouker, under Contract No. 345.

PILING AND WOODWORK.

37 vertical and 23 bracing piles were driven; 9 binding frames were made, sunk and keyed to place; foundation and platform caps were sawed off, chocks were made and placed and foundation piles were located.

MASONRY.

5 concrete blocks were set, chain holes were filled with concrete in bags; 82 pieces of granite were set and backed up with 195 batches of concrete.

TEMPORARY APPROACH.

A temporary approach was constructed on piles for permanent sewer, from which filling is being dumped.

EXAMINATION OF RIVER BOTTOM.

The bottom in front of old crib-work at the foot of Twenty-fifth street was tested with the borer "Woodcock" and examined to ascertain its nature prior to dredging.

PERMANENT SEWER.

Templets were made and placed from which the brick sewer is to be constructed to connect with the new pier at the foot of East Twenty-fourth street.

FILLING IN REAR OF WALL.

Piles were driven and secured at the south end of the section to form a bulkhead to retain the filling when deposited at this point.

Pier at East Twenty-fourth Street—Contract No. 332.

The work of repairing outer end and building new inner end of Pier at the foot of East Twenty-fourth street, by John Gillies, under his contract, is in progress.

Bellevue Section—Resolution of the Board, April 25, 1889.

BULKHEAD-WALL.

STONE FILLING.

1,324 cubic yards of rip-rap and 781 cubic yards of cobble stone were delivered and deposited on wall foundation. Total received to date, 4,396 cubic yards of cobble and 2,435 cubic yards of rip-rap stone.

PILING AND WOODWORK.

264 vertical piles were driven, regulated and staylathed; total to date, 1,431 driven and 6 broken in driving; 42 bracing piles were driven and regulated; total to date, 223 driven and 1 broken in driving; 5 binding frames were made, sunk and keyed to place; 126 foundation piles and 68 platform piles were sawed off with the saw-cutting machine; 416 feet of longitudinal capping and 140 transverse caps were placed; chocks were made and placed; foundation piles were located and 837 feet of 4-inch spruce plank were placed on transverse caps in rear of wall.

MASONRY.

9 concrete blocks were set; chain holes in concrete blocks were filled with concrete in bags; 85 pieces of granite were set and backed up with 261 batches of concrete; mooring piles were driven to fasten floating property to and to hold pile drivers in place.

FILLING IN REAR OF WALL.

Piles were driven and capped and a crib-bulkhead built to retain earth filling at this point. 6,914 loads of earth filling were received from Plunkitt & Smith, and same were placed in rear of wall; total received to date, 10,483 loads.

TEMPORARY APPROACH.

The temporary approach foot of Twenty-eighth street was removed and a new temporary plank approach was laid on the new made land to connect with the new pier.

REMOVING OLD WORK.

A portion of the old crib-bulkhead in rear of Bellevue Hospital was removed to make way for earth filling.

Foot of Thirty-sixth Street, E. R.—Secretary's Order No. 10485.

Test piles were driven at the foot of East Thirty-sixth street in order to obtain information for making plans and specifications for building new pier.

East Ninety-fourth Street Section—Resolution of the Board, April 25, 1889.

BULKHEAD-WALL.

DREDGING.

4378 cubic yards of mud were excavated and removed from site of bulkhead wall by the Atlantic Dredging Company.

STONE FILLING.

308 cubic yards of cobble stone were delivered and deposited on wall foundation by A. A. Bouker under Contract No. 345.

PILING AND WOODWORK.

279 vertical piles were driven, regulated and staylathed and 4 broken in driving; total to date, 784 driven and 5 broken in driving; 45 bracing piles were driven and regulated; total to date, 123 driven and 1 broken in driving; 4 binding frames were made, sunk and keyed to place.

TEMPORARY APPROACH.

A temporary plank approach was constructed on new made land at the foot of East Ninety-fourth street to connect with new pier. A temporary fence was put up to keep people from trespassing on work.

FILLING IN REAR OF WALL.

2,463 loads of earth filling were received on tickets from Plunkitt & Smith, and same were placed in rear of wall; also received 1,590 loads of filling from Department of Street Cleaning, and same were placed in rear of wall. Total received to date, 6,894 loads on tickets, 5,602 loads free, 15,004 under Secretary's Order No. 9324, and 10,078 loads under Secretary's Order No. 10382, making a total of 37,578 loads.

Pier at East Ninety-fifth Street—Contract No. 333.

The work of building a new pier at the foot of East Ninety-fifth street, begun on the 23d of June, 1890, by the contractor, G. H. Scribner, Jr., was finished on the 6th December, 1890.

East One Hundred and Second Street Section—Resolution of the Board, July 17, 1890.

BULKHEAD-WALL.
DREDGING.

16,047 cubic yards of mud were excavated and removed from site of bulkhead-wall by the Atlantic Dredging Company.

TEMPORARY TIMBER BASIN.

Second-hand piles were driven at the foot of East One Hundred and Second street to form a basin to keep timber in.

About 30 borings were made to ascertain nature of river bottom over the bulkhead-wall area.

East One Hundred and Tenth Street Section—Resolution of the Board, April 25, 1889.

BULKHEAD-WALL.
STONE FILLING.

1,348 cubic yards of cobble stone and 2,035 cubic yards of rip-rap stone were delivered and deposited on wall foundation by A. A. Bouker, under Contract No. 345. Total received to date, 6,943 cubic yards of cobble stone and 4,699 cubic yards of rip-rap stone.

PILING AND WOODWORK.

5 extra piles were driven on wall foundation. Total to date, 1,990 driven and 28 broken in driving. Piles were sawed off; 325 lineal feet of longitudinal capping and 31 transverse caps were placed; chocks were made and placed; foundation piles were located and 216 square feet of 4-inch deck planking was placed on caps.

MASONRY.

7 concrete foundation blocks were set in wall. Total to date, 47 blocks. Chain holes were filled with concrete in bags; 29 pieces of granite were set and backed up with 81 batches of concrete; 10 pieces of coping were set in wall.

FILLING IN REAR OF WALL.
Secretary's Order No. 10529

5,259 loads of earth filling were received and placed in rear of wall by George W. Plunkitt.

REMOVING OLD WORK.

The old dumping-board at the foot of East One Hundred and Ninth street was removed and the old material rafted up.

PIER AND DUMPING-BOARD AT EAST ONE HUNDRED AND TENTH STREET.
Contract No. 339.

The work of building a new pier is in progress. The dumping-board was completed on the 7th January, 1891.

East One Hundred and Twenty-fifth Street Section—Resolution of the Board, March 28, 1889.

BULKHEAD-WALL.
STONE FILLING.

593 cubic yards of rip-rap were delivered and deposited in rear of wall by A. A. Bouker; mud, sand and gravel were pumped from rock bottom in line of wall.

MASONRY.

13 concrete foundation blocks were set and chain holes between blocks were filled with concrete in bags; 172 pieces of granite were set and backed up with 250 batches of concrete; joints in the granite were pointed; 8 pieces of coping were set on the "E" course for the bulkhead wall.

REMOVING OLD WORK.

A portion of the old bulkhead at the foot of East One Hundred and Twenty-fifth street was removed to make room for earth filling.

WORK OF CONSTRUCTION NOT UNDER NEW PLAN.

Crib-bulkhead from One Hundred and Thirty-eighth to One Hundred and Fortieth Street, H. R.

The work of building a crib-bulkhead from East One Hundred and Thirty-eighth street to north of East One Hundred and Fortieth street, Harlem river, and for dredging thereat, by Fogg & Scribner, contractors, under Contract No. 318, was completed November 7, 1890.

DEPARTMENT YARDS.
WEST FIFTY-SEVENTH STREET YARD.

The blacksmith has done iron work as required for the different sections of construction work, for floating property and for the work of general repairs. Concrete moulds and cores were made and set up from time to time as required, for making wall foundation blocks; 9 concrete foundation blocks, containing 297.27 cubic yards, were made; 1,000 barrels of Portland cement were received under Treasurer's orders therefor, and were stored for Department use after tests were made. Cement, sand and broken stone, at the yard, were issued to the various sections of the work. The yard has been maintained in good order.

EAST SEVENTEENTH STREET YARD.

167½ standard, 1 special and 1 special angle concrete blocks were made, containing about 644 cubic yards of concrete; 1,087 barrels of Portland cement were received and stored for Department use, and samples sent to West Fifty-seventh Street Yard for testing. The yard has been maintained in good order.

FLOATING PROPERTY.

The floating property of the Department consists of the following:
100-ton derrick "City of New York."
12-ton derrick.

10-ton derrick.
Tug "Manhattan."
11 pile-drivers, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11.
1 pile-cutting machine No. 12.
11 deck scows, "B," "C," "D," "E," "F," "H," "I," "K," "L," "Jim" and "Wilhe."
Boring machine "Woodcock."
Naphtha engine launch.
18 yawl boats, 3 skiffs, 2 batteaux and 4 sounding boats.
2 sets of land ways, one 30 feet high and one 45 feet high.
1 set of 50 foot pile-driver ways.
Rock-drilling machine with ways 19 feet high.

100-TON DERRICK "CITY OF NEW YORK."

This derrick has handled foundation blocks for the various sections of the bulkhead-wall as required. Various repairs have been made by the crew and the same has been kept in good order and condition.

12-TON DERRICK.

This derrick has been in commission during the quarter and has been repaired and used on the various sections of the work.

10-TON DERRICK.

This derrick has been in commission during the quarter and used and employed in setting granite on the various sections of the wall.

TUG "MANHATTAN."

The tug "Manhattan" has done all the necessary towing for the Department.

The boring machine "Woodcock" has been in commission from time to time and has been kept in good order.

Divers' scows "A," "G" and "N" have been in use and kept in good order.

Small divers' scow is laid up at West Fifty-seventh Street Yard and is used for storing lines, etc.

The naphtha engine launch has been repaired and has been in use for examinations of the water-front and for carrying small parcels of materials and tools to the different parts of the work.

The deck scows have been kept in almost constant use.

The small boats, skiffs, batteaux, etc., have been kept in good order and condition.

Materials and Supplies.

Various materials and supplies for the use of floating property have been received and expended in part, and the remainder has been stored for future use, as required.

Miscellaneous.

Various small pieces of work have been done at the West Fifty-seventh Street Yard for the use of floating property and for other work, such as hanging fenders for scows, straight edges, ladders, danger signs, pike poles, etc. The force of floating property has also been employed in filing saws, spinning oakum, heating pitch, pumping out and caring for scows and in the general care of floating property laid up at the yard.

Surveying Party.

In connection with the construction of the bulkhead or river wall and the new piers at the different sections on the North, East and Harlem rivers, base lines and bench marks have been frequently verified, and from them grades, measurements, etc., have been furnished from time to time, as required, during the progress of the work. Lines, grades, etc., have also been furnished for the work of repairs under contract. Surveys of the water-front on the North, East and Harlem rivers, and the structures thereon, have been made at various places, as required, and the same have been plotted and placed on file, and tracings therefrom have been reported.

18,073 disk soundings, to ascertain the depth of water, have been taken in 77 slips, 8,656 rod soundings, to ascertain the depth of soft mud, have been taken in 30 slips, by the surveying and sounding parties, of which 7,873 disk soundings in 41 slips, and 873 rod soundings in 10 slips, were on the North river, and 10,200 disk soundings in 36 slips, and 7,783 rod soundings in 20 slips were on the East and Harlem rivers.

Of the above, 8,959 disk soundings in 23 slips, and 8,170 rod soundings in 20 slips were for construction, and 9,114 disk soundings in 54 slips and 486 rod soundings in 10 slips were for general repairs and examinations, soundings taken before and after dredging.

Of the soundings above reported, 2,793 disk soundings in 13 slips have been taken on the North river, and 410 disk soundings in 3 slips have been taken on the East and Harlem rivers. The work was done by the regular sounding parties, under resolution of the Board of September 19, 1883.

Most of the soundings have been plotted and placed on file.

Measurements, testing the dimensions of piers, etc., have been taken.

The dredging done by lessees, alleged owners and others, under permit or order of the Board of Docks, has been attended to.

The measurement of all material dredged by the Department of Docks has been made.

Reports, estimates, etc., of work done, have been prepared and receipts given.

Contracts under which Dredging has been Done during the Quarter.

East Seventy-sixth to Seventy-eighth street, East river, Contract No. 354.
Pier at Forty-fifth street, North river, Contract No. 343.
Bulkhead at Seventy-eighth street, North river, Contract No. 358.
Bulkhead between Seventy-eighth and Seventy-ninth streets, North river, Contract No. 358.
Pier at West Seventy-ninth street, North river, Contract No. 358.
East One Hundred and Second Street Section, East river, Contract No. 352.
Pier 46, North river, Contract No. 359.
Charity Hospital Dock, Blackwell's Island, East river, Contract No. 353.
Pier, new 23, North river, Contract No. 364.
Pier 12, East river, Contract No. 363.
Bulkhead between Piers 11 and 12, East river, Contract No. 363.

Dredging Done by the Department of Docks during the Quarter ending January 31, 1891.

LOCATION.	MONTH.	CUBIC YARDS.				TONS STONE, BROKEN ROCK, ETC.	DEPTH MADE AT MEAN LOW WATER.	CONTRACT NO. OR TREASURER'S ORDER NO.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.
		Mud.	Crib, Class A.	Crib, Class B.	Sand.							
Wharf at Castle Garden, North river.	Dec. 1890	401					Feet. 15	Treasurer's Order No. 15004.		Atlantic Dredg- ing Co.....	Dec. 1, 1890..	Dec. 1, 1890
	" "	14,951								Union Dredging Co.....	" 11, " ..	" 27, "
Franklin Street Section, North river	" "	3,089					35		Resolution of Board, Oct. 6, 1887, and Nov. 13, 1890.....	Atlantic Dredg- ing Co.....	" 27, " ..	
	Jan. 1891	5,659	1,449	184						Atlantic Dredg- ing Co.....		Jan. 12, 1891
Pier, new 23, North river	" "	4,127					25	Contract No. 364.....	Resolution of Board, Dec. 18, 1890..	Morris & Cum- ings Dr'g Co..	Jan. 23, 1891..	{Temp. susp. {Jan. 24, 1891
Pier, new 46, North river	Dec. 1890	526									Dec. 30, 1890..	
	Jan. 1891	1,073					30	Contract No. 359	Resolution of Board, Oct. 9, 1890..	Joseph Walsh....		Jan. 16, 1891
Pier at West Forty-fifth street, North river.	Nov. 1890	36,852					20	Contract No. 328	Resolution of Board, Feb. 27, 1890.	Atlantic Dredg- ing Co.....	Nov. 1, 1890..	Nov. 20, 1890
Pier at West Fifty-sixth street, North river.	" "	586					20		Resolution of Board, Sept. 12, 1889.	Atlantic Dredg- ing Co.....	Oct. 28, " ..	" 1, "
Bulkhead at West Seventy-eighth street, North river	" "	2,437									Nov. 17, " ..	" 21, "
Bulkhead between West Seventy-eighth and West Seventy-ninth streets, North river	" "	3,666					15	Contract No. 358	Resolution of Board, Oct. 9, 1890..	Morris & Cum- ings Dr'g Co..	" 18, " ..	" 20, "
Pier at West Seventy-ninth street, North river.	" "	2,879									" 21, " ..	" 22, "
Bulkhead, between Piers 11 and 12, East river.	Jan. 1891	1,462					20				Jan. 28, 1891..	In progress.
West side, Pier 12, East river.	" "	8,452					20	Contract No. 363	Resolution of Board, Nov 20, 1890.	Atlantic Dredg- ing Co.....	" 23, " ..	Jan. 31, 1891
North side, Pier 61, East river.	Nov. 1890	3,693					15	Treasurer's Order No. 14985.	Secretary's Order No. 10483.....	Atlantic Dredg- ing Co.....	Nov. 4, 1890..	Nov. 10, 1890
Bulkhead at Charity Hospital, Black- well's Island, East river.	Jan. 1891	1,458					13½	Contract No. 353	Resolution of Board, Aug. 28, 1890.	John Gillies	Jan. 5, 1891..	Jan. 13, 1891
North side East Seventy-sixth street to south side East Seventy-eighth street, East river	Nov. 1890					2,649 3/16	20 & less	Contract No. 354	Resolution of Board, Sept. 4, 1890.	Atlantic Dredg- ing Co.....	Oct. 11, 1890..	
	Dec. "					733 9/16						Dec. 16, 1890
East Ninety-fourth Street Section, East river.	Nov. "	4,378					20 to 25		Resolution of Board, April 25, 1889.	Union Dredging Co	Nov. 13, 1890..	Nov. 17, "
East One Hundred and Second Street Section, Harlem river.	" "				1,109						" 29, " ..	
	Dec. "				14,938		15 to 18	Contract No. 352	Resolution of Board, Aug. 28, 1890.	Atlantic Dredg- ing Co.....		Dec. 31, 1890
Totals.....		95,689	1,449	184	16,047	3,383 3/16						

GENERAL REPAIRS.

Repairs, other than dredging, have been made by the force of the Department to the following piers and bulkheads:

NORTH RIVER.

Pier "A," Engineer's Order.
 Pier, old 23, Secretary's Order No. 10509.
 Bulkhead between Piers, old 34 and 35, Secretary's Order No. 10479.
 Pier, old 42, Secretary's Order No. 10506.
 Bulkhead south of Pier, old 35, Secretary's Order No. 10506.
 Bulkhead between Piers, new 37 and 38, Secretary's Order No. 7394.
 Bulkhead between Piers, new 38 and 39, Secretary's Order No. 7394.
 Bulkhead between Piers, new 39 and 40, Secretary's Order No. 7394.
 Approach to Piers, new 46 to 47, Secretary's Order No. 10478.
 Foot of Bogart street, Secretary's Orders Nos. 7394, 10510.
 Pier at Bloomfield street, Secretary's Orders Nos. 7394, 10510.
 Pier at Thirteenth street, Secretary's Order No. 10458.
 Pier, new 59, Secretary's Orders Nos. 10423, 10598.
 Pier, new 60, Secretary's Order No. 10485.
 Pier at Thirty-fourth street, Secretary's Order No. 10424.
 Pier at Thirty-seventh street, Secretary's Order No. 10570.
 Pier at Thirty-eighth street, Secretary's Order No. 7394.
 Bulkhead at Ninetieth street, Secretary's Order No. 7394.
 Bulkhead between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets, Secretary's Order No. 7394.
 From One Hundred and Forty-fifth to One Hundred and Forty-eighth street, Secretary's Orders Nos. 9911, 10542.

EAST RIVER.

Bulkhead between Piers 11 and 12, Secretary's Order No. 10585.
 Pier 19, Secretary's Order No. 10426.
 Pier, new 29, Secretary's Orders Nos. 10540, 10569.
 Pier 44, Secretary's Order No. 10388.
 Pier 48, Secretary's Order No. 10368.
 Bulkhead between Piers 56 and 57, Secretary's Order No. 10417.
 Pier 60, Secretary's Orders Nos. 7394, 10504.
 Bulkhead at Sixteenth street, Secretary's Order No. 10641.
 Pier at Twenty-sixth street, Secretary's Orders Nos. 10613, 10553.
 Pier at Thirty-eighth street, Secretary's Order No. 10640.
 Bulkhead at Forty-second street, Secretary's Order No. 10461.
 Bulkhead platform from Sixtieth to Sixty-second street, Secretary's Order No. 10086.
 Bulkhead platform at Sixty-fourth street, Secretary's Order No. 10623.
 Bulkhead platform between Seventy-eighth and Seventy-ninth streets, Secretary's Order No. 10535.
 Lower Pier at Eighty-sixth street, Secretary's Order No. 10536.
 Upper Pier at Eighty-sixth street, Secretary's Orders Nos. 10367, 10397.

HARLEM RIVER.

Bulkhead at One Hundred and Seventh street, Secretary's Order No. 7394.

Repairs and other Pieces of Work, other than Dredging, have been Made by the Force of the Department, for other Departments, at the following-named places:

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

Old Pier front of Nurses' Home, Blackwell's Island, East river. The pier was repaired with second-hand material, 6 fender piles were driven, caps put on, new rangers placed, sheathing patched with 3,028 feet, B. M., of 3-inch spruce plank, under Secretary's Order No. 10488.
 Asylum Pier at Hart's Island, Long Island Sound. 35 spruce piles were driven, caps were put on, new rangers were placed, 9 oak piles, 2,348 feet, B. M., of yellow pine was used, under Secretary's Order No. 10489.

Examinations and Reports have been Made on the Condition of and Repairs Required to the following-named places:

NORTH RIVER.

Bulkhead between Piers 12 and 13, and 13 and 14, special report.
 Pier, new 43, Secretary's Order No. 10538.
 Pier, new 44, special report.
 Piers, old 57 and 58, special report.
 Bulkhead between Piers old 57 and 58, special report.
 Approach to Piers at Bogart and Bloomfield streets, Secretary's Order No. 10459.
 Bulkhead between Eighteenth and Nineteenth and Nineteenth and Twentieth streets, Secretary's Order No. 10649.
 Bulkhead platform at Twenty-fourth street, special report.
 Pier, new 60, special report.
 Pier at Thirty-seventh street, special report.
 Pier at Fortieth street, special report.

EAST RIVER.

Hamilton Avenue Ferry, Secretary's Order No. 10618.
 South Ferry, Secretary's Order No. 10618.
 Pier 3, special report.
 Bulkhead between Piers 14 and 15, Secretary's Order No. 10581 and special report.
 Wall Street Ferry, Secretary's Order No. 10618.
 Fulton Ferry, Secretary's Order No. 10618.
 Pier 36, special report.
 Pier new 29, Secretary's Order No. 10502.
 Bulkhead between Piers 47 and 48, Secretary's Order No. 10503.
 Pier 52, special report.
 Pier at Twenty-sixth street, special report.
 Bulkhead at Forty-second street, Secretary's Order No. 10588.
 Bulkhead at Forty-third street, Secretary's Order No. 10606.
 Between Sixtieth and Sixty-first streets, Secretary's Order No. 10610.
 Bulkhead and bulkhead platform at Sixty-fourth street, Secretary's Order No. 10612.

HARLEM RIVER.

Bulkhead platform at One Hundred and Twentieth street, special report.
 One Hundred and Twenty-ninth street, special report.
 Bulkhead between One Hundred and Thirty-eighth and One Hundred and Fortieth street, special report.

The following-named Forms of Contract, with the necessary Plans therefor, have been submitted during the Quarter:

Secretary's Order No. 10317—For building new Pier 14, North river. Submitted November 1, 1890; advertised as Contract No. 360.
 Secretary's Order No. 10471—For dredging at Twentieth street, East river. Submitted November 10, 1890; advertised as Contract No. 361.
 Engineer's Order—For dredging for Pier, new 14, North river. Submitted October 23, 1890; advertised as Contract No. 362.
 Secretary's Order No. 10521—For dredging bulkhead between Piers 11 and 12 and west of Pier 12, East river. Submitted November 17, 1890; advertised as Contract No. 363.
 Engineer's Order—For dredging new Pier 23, North river. Submitted December 9, 1890; advertised as Contract No. 364.
 Secretary's Order No. 10518—For building new pier in place of Pier 43, East river. Submitted December 18, 1890; advertised as Contract No. 365.
 Secretary's Order No. 10206—For building new tug "Pier." Submitted January 7, 1891; advertised as Contract No. 366.
 Engineer's Order—For furnishing 1,500,000 feet, B. M., of yellow pine timber. Submitted January 15, 1891; advertised as Contract No. 367.
 Engineer's Order—For filling between One Hundred and Thirty-eighth and One Hundred and Fortieth streets, Harlem river. Submitted January 14, 1891; advertised as Contract No. 368.

Repairs, Alterations and other Pieces of Work, other than Dredging, by Private Parties, by Order of the Board, have been supervised during the Quarter at the following-named places:

NORTH RIVER.

Bulkhead south of Pier, old 1, Secretary's Order No. 10439.
 Pier 2, Secretary's Order No. 10322.
 Pier 4, Secretary's Order No. 10648.
 Pier 5, Secretary's Order No. 10045.
 Pier 6, Secretary's Orders Nos. 10336, 10353.

Pier 8, Secretary's Order No. 10526.
 Pier 9, Secretary's Order No. 10494.
 Bulkhead at Pier 13, Secretary's Order No. 10105.
 Piers 13 and 14, Secretary's Order No. 10364.
 Foot of Liberty street, Secretary's Order No. 10412.
 Pier 16, Secretary's Order No. 10578.
 Slip at Chambers street, Secretary's Order No. 10433.
 North side of Pier, old 23, Secretary's Order No. 9891.
 Pier, old 29, Secretary's Order No. 10477.
 Pier, old 33, Secretary's Order No. 10550.
 Pier, old 34, Secretary's Order No. 10556.
 Pier, new 34, Secretary's Order No. 10374.
 Pier, new 24, Secretary's Order No. 10650.
 Piers, new 27 and 28, Secretary's Order No. 10636.
 Pier, new 28, Secretary's Order No. 10629.
 Desbrosses Street Ferry, Secretary's Order No. 10656.
 Pier, old 40, Secretary's Order No. 10375.
 Pier, new 41, Secretary's Order No. 10410.
 Pier, new 37, Secretary's Order No. 10517.
 Slip between Piers, new 38 and 39, Secretary's Order No. 10605.
 Ferry rack at Christopher street, Secretary's Order No. 10527.
 Bulkhead between Perry and West Eleventh street, Secretary's Order No. 10476.
 Bulkhead at Eleventh street, Secretary's Orders Nos. 10476, 10554.
 Bulkhead between Piers, old 57 and 58, Secretary's Order No. 10557.
 Foot of Bloomfield street, Secretary's Order No. 10624.
 Ferry rack at Fourteenth street, Secretary's Order No. 10329.
 Pier at Twenty-first street, Secretary's Order No. 10032.
 Pier, new 56, Secretary's Order No. 10352.
 Pier, new 60, Secretary's Order No. 10531.
 Pier at Thirty-sixth street, Secretary's Orders Nos. 10425, 10376, 10498.
 Pier at Fortieth street, Secretary's Orders Nos. 10370, 10583.
 Pier at Forty-fourth street, Secretary's Order No. 10224.
 Pier at Fiftieth street, Secretary's Order No. 10576.
 Between Seventy-seventh and Seventy-ninth streets, Secretary's Order No. 9867.
 Seventy-seventh street and Twelfth avenue, Secretary's Order No. 10441.
 Bulkhead between Eightieth and Eighty-first streets, Secretary's Order No. 9971, 10580.
 Bulkhead at Ninety-sixth street, Secretary's Order No. 10060.
 Foot of Ninety-sixth street, Secretary's Order No. 10511.
 Bulkhead north of Ninety-seventh street, Secretary's Order No. 10051.
 South of Ninety-eighth street, Secretary's Order No. 10532.
 North of One Hundred Forty-fifth street, Secretary's Order No. 9948.

EAST RIVER.

Pier 3, Secretary's Order No. 10567.
 Bulkhead between Piers 11 and 12, Secretary's Order No. 10386.
 Bulkhead between Piers 14 and 15, Secretary's Order No. 10555.
 Pier 15, Secretary's Order No. 10497.
 Ferry-house at Wall street, Secretary's Order No. 10492.
 Pier 19, Secretary's Orders Nos. 10427 and 10533.
 Piers 20 and 21, Secretary's Order No. 10616.
 Ferry-house at Fulton street, Secretary's Order No. 10491.
 Bulkhead between Piers 28 and 29, Secretary's Orders Nos. 10442 and 10534.
 Pier 33, Secretary's Order No. 10389.
 Pier, new 29, Secretary's Order No. 10562.
 Pier 38, Secretary's Order No. 10208.
 Bulkhead between Piers 47 and 48, Secretary's Order No. 9839.
 Piers 50 and 51, Secretary's Order No. 10601.
 Piers 51 and 52, Secretary's Order No. 10383.
 Bulkhead north of Pier 54, Secretary's Order No. 9840.
 Pier at Eleventh street, Secretary's Order No. 9564.
 Pier at Twenty-first street, Secretary's Order No. 10481.
 Ferries at Grand, Twenty-third and Roosevelt streets, Secretary's Order No. 10347.

HARLEM RIVER.

Bulkhead between One Hundred and Fourteenth and One Hundred and Fifteenth streets, Secretary's Order No. 10456.
 Bulkhead between Alexander and Willis avenues, Secretary's Order No. 10390.
 Foot of One Hundred and Sixteenth street, Secretary's Order No. 10501.
 In the office of the Engineer-in-Chief the Draughtsmen have been engaged on contract drawings for new piers and bulkheads; on general maps, searches of titles, and general office work.
 Very respectfully, your obedient servant,
 G. S. GREENE, JR., Engineer-in-Chief.

DEPARTMENT OF DOCKS—OFFICE OF THE ENGINEER-IN-CHIEF,
 PIER "A," FOOT OF BATTERY PLACE, N. R.,
 NEW YORK, April 30, 1891.

To the Board of Docks:

GENTLEMEN—I have the honor to submit the following report of work done under my supervision for the quarter ending April 30, 1891.

NORTH RIVER.

West Washington Market Section—Resolution of the Board, February 6, 1889.

BULKHEAD-WALL.

STONE FILLING.

Cobble and rip-rap stone were deposited on wall foundation under Treasurer's Orders therefor.

PILING AND WOODWORK.

14 bracing piles were driven and regulated, piles were sawed off to grade, foundation piles were located; 216 lineal feet of longitudinal capping, and 31 cross-caps were placed and fastened, and decking of 4-inch spruce was placed and fastened on cross-caps.

MASONRY.

7 concrete blocks were set on wall foundation and chain holes were filled in with concrete in bags, 100 pieces of granite were set and backed up with 298 batches of concrete.

PIER, NEW 14, N. R.

Contract No. 362.

Mud was excavated and removed from site of pier.

Contract No. 360.

Pier, old 23, North river, was torn up and material rafted for removal; old crib-work at end of pier was taken up and removed and new pier is being built on site of same.

SILT-BASINS.

The silt-basins on new made land between Warren and Jay streets, were cleaned out at various times under Secretary's Order No. 9780.

Chambers Street Section—Resolution of the Board, November 24, 1877, and November 21, 1878.

A retaining wall is being built at north end of section to retain earth filling.

Franklin Street Section—Resolution of the Board, November 13, 1890.

BULKHEAD-WALL.

STONE FILLING.

Rip-rap and cobble stone were discharged on wall foundation, under Treasurer's Orders therefor.

PILING AND WOODWORK.

560 vertical piles were driven, regulated and staylathed; 45 bracing piles were driven and regulated; foundation piles were located; 5 binding frames were sunk and keyed to place, and 192 lineal feet of longitudinal capping and 5 cross-caps were placed and fastened.

MASONRY.

9 concrete blocks were set on wall foundation and chain holes were filled with concrete in bags.

REMOVING OLD WORK.

Old crib-work in rear of wall was removed and rip-rap leveled.

PUTTING UP FENCE.

Fence was put up between westerly line of West street and Franklin street Section.

PIER, OLD 34, N. R.

The portion of shed along the northerly side of Pier, old 34, was torn down and removed.

PIER, NEW 23, N. R.

DREDGING.

Mud was excavated and removed from site of pier under Contract No. 364, and crib-work was excavated and removed under Treasurer's Order therefor.

BUILDING PIER.

Resolution of the Board, January 8, 1891.

357 piles were driven, regulated and staylathed; side and cross caps were put on and fastened, and rangers were also put on and fastened.

PIER, NEW 25, N. R.

Pier, new 25, North river, is being extended to the pier-head line of 1890 over an area of about 7,650 square feet, under Contract No. 369.

Beach Street Section—Resolution of the Board, July 16, 1879.

New made land was excavated to find sewer to drain off water.

Laight Street Section—Resolution of the Board, September 20, 1889.

BULKHEAD-WALL.

Cleats were fastened on backing log.

FILLING IN REAR OF WALL.

929 loads of earth filling were received and placed in rear of wall. Total received to date, 61,535 loads.

REMOVING OLD WORK.

Old bulkhead and platform in rear of wall were removed and fence was put up on north side of section.

PIER, NEW 29, N. R.

The work of building Pier, new 29, North river, under Contract No. 317, was finished by Department labor under Secretary's Order No. 10671. The work consisted in placing chocks between the low water braces and vertical piles, bolts through the vertical and brace piles, bolts in the low water sewer beam, placing of 14 sewer bands and the driving of a number of spikes; at a cost of \$144.91.

TEMPORARY PLANK APPROACH.

An approach of 4-inch spruce plank, 30 feet wide, was laid to Pier, new 29, under Secretary's Order No. 10635.

SHED.

A shed has been built over the entire area of Pier, new 29, North river, by the Pennsylvania Railroad Company, under resolution of the Board, April 17, 1890.

SILT-BASINS.

The silt-basins on new made land between Spring and West Tenth streets were cleaned out at various times, as required, under resolution of the Board, June 2, 1886.

PIER, NEW 37, N. R.

Test piles were driven for proposed extension of pier under Engineer's Order.

PIER, NEW 42, N. R.

Resolution of the Board, February 18, 1891.

211 piles were driven, regulated and staylathed and cut off and tenoned; cross and side caps and rangers and sheathing were put on and fastened for lengthening of above pier.

PIER, NEW 45, N. R.

The above pier is being lengthened 100 feet by the White Star Line under resolution of the Board August 1, 1890.

The ends of extension are being altered from original plan submitted under Secretary's Order No. 10577. A shed is being erected over extension to pier on the same lines as existing shed on pier under Secretary's Order No. 10748.

PIER, NEW 46, N. R.

The above pier is being repaired and extended 100 feet, and shed on pier is being repaired and painted under Contract No. 359. The shed is also being extended over new portion of pier by the Citizens' Steamship Company.

PIER, NEW 47, N. R.

Piles were driven, regulated and trimmed for horizontal sheathing; rangers were put down and fastened and a portion of the existing pier was removed to make connection with new work; armature plates were put on and fastened, mooring posts were placed and fastened, and 10 oak fender piles were driven and fastened, under resolution of the Board November 13, 1890.

West Twenty-third Street Section—South End.

BULKHEAD SHEDS, BETWEEN PIERS, NEW 56 AND 57, N. R.

Derricks and sheds are being erected alongside bulkhead sheds, between Piers new 56 and 57, North river, by J. B. & J. M. Cornell, in accordance with plans submitted, under Secretary's Order No. 10452.

BETWEEN WEST TWENTY-SIXTH AND WEST TWENTY-SEVENTH STREETS.

A portable heating-box was placed upon the bulkhead between West Twenty-sixth and West Twenty-seventh streets, North river, and tracks are to be laid at same place by J. B. and J. M. Cornell, under Secretary's Order No. 10466.

West Twenty-third Street Section, North End—Resolution of the Board, June 28, 1882.

BULKHEAD-WALL.

STONE FILLING.

Cobble stone was deposited on wall foundation, under Treasurer's Orders therefor.

PILING AND WOODWORK.

4-inch deck plank was laid and fastened on caps with 2-inch treenails.

MASONRY.

110 pieces of granite were set on wall and backed up with 377 batches of concrete; coping was taken off and earth filling removed preparatory to setting an extra course of granite on wall between Piers, new 59 and 60, North river.

PIER, NEW 58, N. R.

Contract No. 350.

A new wooden pier, 512 feet long and 60 feet wide, near the foot of West Twenty-eighth street, North river, was completed on the 18th day of April, 1891, by John W. Flaherty, under the above contract.

APPROACH TO PIERS, NEW 59 AND 60, N. R.

An approach about 16 feet in width, of second-hand Belgian blocks, is being laid under Treasurer's Orders therefor, extending from the old pavement in West street to Pier, new 60, North river, and south along the bulkhead to a point about 30 feet south of the northerly line of Pier, new 59, North river.

FILLING IN REAR OF WALL.

135 loads of earth-filling were received on tickets and same were placed in rear of bulkhead-wall, and 14,557 loads were also received from Department of Street Cleaning and placed in rear of wall south of West Thirtieth street.

FILLING BETWEEN WEST TWENTY-SEVENTH AND WEST TWENTY-EIGHTH STREETS.

The northerly half of West Twenty-seventh street and the southerly half of West Twenty-eighth street are being filled in by William Rossiter, under Secretary's Order No. 10403.

FILLING BETWEEN WEST TWENTY-EIGHTH AND WEST THIRTIETH STREETS.

Filling is being placed between West Twenty-eighth and West Thirtieth streets, east of Thirtieth avenue, and streets and avenues are being built by Robert Ray and John A. King, executors of Cornelius Ray, in accordance with resolution of the Board, February 28, 1890.

West Thirty-third Street Section—Resolution of the Board, February 20, 1890.

FILLING IN REAR OF WALL.

6,395 loads of earth filling were received and same were placed in rear of bulkhead-wall. Total received to date, 7,525 loads on tickets and 3,352 loads from Department of Street Cleaning.

PIER, NEW 63, N. R.

FLOAT-BRIDGE.

A bridge or float has been constructed on the northerly side of and adjoining Pier, new 63, North river, 55 feet wide, extending outward from bulkhead 114 feet, by the New York Central and Hudson River Railroad Company, in accordance with resolution of the Board, November 13, 1890.

PIERS, NEW 67 AND 68, N. R.

FLOAT-BRIDGE.

A float-bridge is being placed in the centre of the slip, between Piers, new 67 and 68, North river, 75 feet from the bulkhead line, and a platform is being placed in the intervening space, by the Pennsylvania Railroad Company, under Secretary's Order No. 10666.

FILLING BETWEEN WEST THIRTY-SEVENTH AND WEST THIRTY-EIGHTH STREETS.

Secretary's Order No. 9692.

Earth filling is being placed in rear of bulkhead-wall between West Thirty-seventh and West Thirty-eighth streets, by the Pennsylvania Railroad Company, under resolution of the Board November 14, 1889, and retaining structures are being built at north and south ends of the wall to retain same.

SEWER AT WEST THIRTY-NINTH AND WEST FORTIETH STREETS.

Secretary's Order No. 9893.

A sewer is being built on pile foundation along the westerly edge of platform between West Thirty-ninth and West Fortieth streets to connect the sewer at West Thirty-ninth street with the new pier at West Fortieth street, by the Department of Public Works, under permit of the Board.

PIER AT WEST FORTIETH STREET.

A new wooden pier 504 feet long by 60 feet wide, with approach to same 220 feet long by 30 feet wide, was built by Barth. S. Cronin, under Contract No. 340.

PIER AT WEST FIFTIETH STREET.

3 sets of temporary boat-davits were placed along south side of pier, under permit granted Commander of U. S. S. "Minnesota."

West Fifty-second Street Section, North End—Resolution of the Board, October 6, 1887.

BULKHEAD-WALL.

MASONRY.

Mud was pumped from bulkhead-wall foundation by crew of 12-ton derrick, to place concrete in bags.

REMOVING OLD WORK.

Inshore end of Pier foot of West Fifty-fifth street was removed and piles were pulled up in order to build bulkhead-wall.

PIER AT WEST FIFTY-SECOND STREET.

Resolution of the Board June 20, 1890.

A new wooden pier 504 feet 4 inches long by 60 feet wide, with approach 46 feet 1 inch long by 30 feet wide at the inner end and 45 feet at the outer end, was built by P. Sanford Ross, under Contract No. 344.

TEMPORARY PLANK APPROACH.

A temporary plank approach to connect with the approach built under contract, was built and earth filling was placed to raise the approach to grade.

West Fifty-seventh Street Section—Resolution of the Board August 1, 1889.

BULKHEAD-WALL.

STONE FILLING.

Rip-rap stone was deposited on wall foundation under Treasurer's Orders therefor.

PILING AND WOODWORK.

5 transverse caps were placed and fastened on piles, cleats were placed and fastened on backing logs, 15 piles were driven in a close row at south end of section.

FILLING IN REAR OF WALL.

Secretary's Order No. 10590.

16,987 loads of earth filling were received and placed in rear of wall. Total received to date, 113,305 loads.

Filling between West Fifty-seventh and West Fifty-eighth Streets—Secretary's Order No. 10138.

Earth filling is being placed east of Twelfth avenue, between West Fifty-seventh and West Fifty-eighth streets, by Charles E. Appleby under permit of the Board.

Filling at West Fifty-seventh Street—Secretary's Order No. 10430.

West Fifty-seventh street is being made from the original line of high water to the easterly line of Twelfth avenue with good earth filling, by Charles E. Appleby, under resolution of the Board, September 25, 1890.

Grain Elevator between West Sixtieth and West Sixty-second Streets—Secretary's Order No. 9022.

The grain elevator on the bulkhead between West Sixtieth and West Sixty-second streets, North river, has been re-erected and restored by the New York Central and Hudson River Railroad Company.

Pier at West Sixty-third Street.

A shed is being built over the entire area of Pier at the foot of West Sixty-third street by the New York Central and Hudson River Railroad Company, under Secretary's Order No. 9623.

Crib-bulkhead between West Eighty-first and West Eighty-third Streets.

A new crib-bulkhead is being built from the middle of West Eighty-first street to the middle of the block between Eighty-second and Eighty-third streets, by Thomas Walsh, under Contract No. 374.

Bulkhead and Pier at West One Hundred and Thirty-third Street.

A new bulkhead and pier at the foot of West One Hundred and Thirty-third street was built by William P. Kelly, under Contract No. 348.

Pier at West One Hundred and Thirty-fourth Street.

A new wooden pier at the foot of West One Hundred and Thirty-fourth street was built by William P. Kelly, under Contract No. 349.

EAST RIVER.

Pier, new 36, E. R.

A new iron shed has been erected over the entire area of Pier, new 36, East river, by the New England Terminal Company, under Secretary's Order No. 9306.

Pier 43, E. R.

Removing existing Pier 43, East river, and building new wooden pier on site of same, and repairing crib-bulkhead, under Contract No. 365.

Pier at East Eighteenth Street.

A new pier is being built at the foot of East Eighteenth street, under unanimous resolution of the Board, January 29, 1891.

East Twenty-fourth Street Section—Resolution of the Board, April 25, 1889.

BULKHEAD-WALL.

STONE FILLING.

640 cubic yards of cobble stone and 593 cubic yards of rip-rap stone were delivered and deposited on wall foundation under Treasurer's Orders therefor. Total to date, 2,773 cubic yards of cobble and 2,533 cubic yards of rip-rap.

PILING AND WOODWORK.

72 vertical piles were driven, regulated and staylathed, and 1 broke in driving; 12 bracing piles were driven and regulated; one binding frame was made, sunk and keyed to place; 76 foundation and 73 vertical piles were sawed off; 144 lineal feet of longitudinal capping and 7 transverse caps were placed; bored for and drove treenails; foundation piles were located and 678 square feet of 4-inch decking were placed on caps in rear of masonry of bulkhead-wall.

MASONRY.

Chain holes between concrete blocks were filled with concrete in bags; 17 pieces of granite were set and backed up with 40 batches of concrete, and joints in granite were pointed.

PERMANENT SEWER.

The base course of granite was dressed down for foundation of sewer and brickwork of sewer was built up, under Treasurer's Order; 18 piles were driven and sawed off.

TEMPORARY APPROACH.

A temporary approach was constructed on piles driven for the sewer to form a roadway to the new pier and to dump filling from.

PIER AT EAST TWENTY-FOURTH STREET.

Contract No. 332.

The work of repairing the outer end of building, new inner end of Pier at the foot of East Twenty-fourth street, by John Gillies, under the above contract, was completed on March 13, 1891.

Bellevue Section—Resolution of the Board April 25, 1889.

BULKHEAD-WALL.

STONE FILLING.

1,752 cubic yards of cobble-stone and 1,285 yards of rip-rap were delivered and deposited on wall foundation, under Treasurer's Orders therefor. Total to date, 6,148 cubic yards of cobble and 3,720 yards of rip-rap.

PILING AND WOODWORK.

194 vertical piles were driven, regulated and staylathed and 6 broke in driving; 15 bracing piles were driven and regulated and 1 broke in driving; 3 binding frames were made, sunk and keyed to place; piles were sawed off by hand and by saw cutting machine; 284 lineal feet of longitudinal capping and 35 transverse caps were placed; bored for and drove treenails; foundation piles were located and 608 feet of 4-inch deck planking were placed on caps in rear of masonry.

MASONRY.

10 standard and 2 special angle blocks were set on wall; chain holes between concrete blocks were filled with concrete in bags; 82 pieces of granite were set and backed up with 245 batches of concrete, and chain holes in concrete blocks were filled with concrete in bags, and 15 pieces of coping were set on "E" course of wall.

REMOVING OLD WORK.

The old bulkhead in rear of Bellevue Hospital was removed to make way for the earth filling, and the old material was rafted up.

PERMANENT SEWER.

12x12 inch yellow pine sills were placed for the Department of Public Works to build up the sewer connecting with the sewer built through the bulkhead-wall at the foot of East Twenty-eighth street.

FILLING IN REAR OF WALL.

Backing logs were placed on crib-bulkhead at north end of section to retain filling, and second-hand piles were driven. 11,156 loads of earth filling were received from Plunkitt & Smith and same were placed in rear of bulkhead wall. Total received to date 21,639 loads.

East Ninety-fourth Street Section—Resolution of Board, April 25, 1889.

BULKHEAD-WALL.

STONE FILLING.

830 cubic yards of cobble stone were delivered and deposited on wall foundation under Treasurer's Orders therefor. Total to date, 4,006 cubic yards of cobble and 3,580 cubic yards of rip-rap.

PILING AND WOODWORK.

Binding frame was made; foundation and platform piles were sawed off; 288 lineal feet of longitudinal capping was placed and 52 treenails were driven; foundation piles were located and portion of old bulkhead at the foot of East Ninety-fourth street was dug out for the purpose of making examination.

East One Hundred and Second Street Section—Resolution of the Board April 17, 1890.

BULKHEAD-WALL.

PILING AND WOODWORK.

108 vertical piles were driven, regulated and staylathed and 1 broke in driving.

East One Hundred and Tenth Street Section—Resolution of the Board April 25, 1889.

BULKHEAD-WALL.

DREDGING.

8,815 cubic yards of mud were excavated and removed from site of bulkhead-wall; total amount of dredging for wall to date, 40,607 cubic yards of mud and 12,978 cubic yards of sand.

STONE FILLING.

999 cubic yards of cobble stone and 950 cubic yards of rip-rap stone were delivered and deposited on wall foundation under Treasurer's Orders therefor. Total to date, 7,942 cubic yards of cobble and 5,653 cubic yards of rip-rap.

PILING AND WOODWORK.

352 vertical piles were driven, regulated and staylathed and 32 were broken in driving; 57 bracing piles were driven and regulated and 4 were broken in driving; 5 binding frames were made, sunk and keyed to place; foundation and platform piles were sawed off; 101 lineal feet of longitudinal capping and 21 transverse caps were placed; 145 2-inch and 54 3-inch treenails were driven; foundation piles were located and 1,812 square feet of 4-inch deck planking were placed on caps in rear of bulkhead wall.

MASONRY.

6 concrete blocks were set in wall and chain holes between the joints in concrete blocks were filled with concrete in bags; 88 pieces of granite were set and backed up with 270 batches of concrete and 16 pieces of coping were set on "E" course of bulkhead-wall.

FILLING IN REAR OF WALL.

6,846 loads of filling were received from Plunkitt & Smith, and same were placed in rear of wall. Total received to date, 12,105 loads.

DREDGING.

5,680 cubic yards of mud were excavated and removed from site of bulkhead-wall.

PIER AT EAST ONE HUNDRED AND TENTH STREET.

Contract No. 339.

The work of building the new pier was carried on by the Contractor, W. W. Hegeman, until the 7th of April, 1891, after which date he failed to complete the building of the pier, and, by order of the Board, the work is now being done by the Department's force, under Secretary's Order No. 10849.

East One Hundred and Twenty-fifth Street Section—Resolution of the Board March 28, 1889.

BULKHEAD-WALL.

STONE FILLING.

859 cubic yards of rip-rap stone were delivered and deposited in rear of wall, under Treasurer's Orders therefor.

MASONRY.

1 special angle and 1 special block were set in wall; chain holes between the concrete blocks were filled with concrete in bags; 34 pieces of granite were set and backed up with 54 batches of concrete; mud, sand and gravel were pumped from rock bottom outside of wall foundation.

FILLING IN REAR OF WALL.

4,741 loads of earth filling were received from John A. Delaney, and same were placed in rear of wall. Total received to date, 4,741 loads.

DEPARTMENT YARDS.

WEST FIFTY-SEVENTH STREET YARD.

The blacksmith has done iron work, as required, for the different sections of construction work, for floating property and for the work of general repairs. Concrete moulds and cores were made and set up from time to time, as required, for making wall foundation blocks. Concrete foundation blocks containing 654.32 cubic yards were made; 2,500 barrels of Portland cement were received under Treasurer's Orders therefor, and were stored for Department use, after tests were made. Cement, sand and broken stone at the yard were issued to the various sections of the work. The yard has been maintained in good order.

EAST SEVENTEENTH STREET YARD.

Concrete moulds and cores were made and set up from time to time, as required, for making foundation blocks; 35 standard "A" blocks and 2 special angle blocks were made containing about 1,212 cubic yards of concrete; 2,663 barrels of Portland cement were received and stored for Department use and samples sent to West Fifty-seventh Street Yard for testing. The yard has been maintained in good order.

FLOATING PROPERTY.

The floating property of the Department consists of the following:

100-ton derrick "City of New York."

12-ton derrick.

10-ton derrick.

Tug "Manhattan."

11 pile drivers, 1, 2, 3, 4, 6, 7, 8, 9, 10, 11 and 12.

14 deck scows, "B," "C," "D," "E," "F," "H," "I," "K," "L," "N," "O," "R," "Jim" and "Willie."

Boring machine "Woodcock."

3 divers' scows, "A," "G" and "N."

Naphtha engine launch.

23 yawls, 3 skiffs, 2 batteaux, 1 12-foot row-boat and 4 sounding boats.

2 sets land ways, one 30 feet high and one 45 feet high.

1 set 50 foot pile-driver ways.

Rock-drilling machine, with ways, 19 feet high.

100-TON DERRICK "CITY OF NEW YORK."

This derrick has handled foundation blocks for the various sections of the bulkhead-wall, as required. Various repairs have been made by the crew and the same has been kept in good order and condition.

12-TON DERRICK.

This derrick has been in commission during the quarter and has been repaired and used on the various sections of the work.

10-TON DERRICK.

This derrick has been in commission during the quarter and used and employed in setting granite on the various sections of the wall.

TUG "MANHATTAN."

The tug "Manhattan" has been employed in the work of towing for the Department.

Boring machine "Woodcock" has been in commission from time to time, and has been kept in good order.

Divers' scows "A," "G" and "N" have been in use and kept in good order.

Scows "Jim" and "Willie" are laid up at West Fifty-seventh Street Yard, and are used for the storing of timber, etc. The scow "Willie" is condemned, and is to be sold at public auction.

The naphtha engine launch has been repaired and has been in use for examinations of the water front and for carrying small parcels of materials, tools, etc., to the different parts of the work. The deck scows have been kept in almost constant use.

A new deck scow to be known as scow "P" is under construction at West Fifty-seventh Street Yard.

The small boats, skiffs, batteaux, etc., have been kept in good order and condition.

Materials and Supplies.

Various materials and supplies for the use of floating property have been received and expended in part, and the remainder has been stored for future use, as required.

Miscellaneous.

Various pieces of work have been done at the West Fifty-seventh Street Yard for the use of floating property, and for other work, such as hanging fenders for scows, straight edges, ladders, signs, pike-poles, etc. The force of floating property has also been employed in filing saws, spinning oakum, heating pitch, pumping out and caring for scows and in general care of floating property laid up at the yard.

Surveying Party.

In connection with the construction of the bulkhead or river wall and the new piers at the different sections on the North, East and Harlem rivers, base lines and bench marks have been frequently verified and from them grades, measurements, etc., have been furnished from time to time, as required during the progress of the work. Lines, grades, etc., have also been furnished for the work of repairs under contract. Surveys of the water front on the North, East and Harlem rivers, and the structures thereon, have been made at various places as required, and the same have been plotted and placed on file, and tracings therefrom have been reported.

15,244 disk soundings to ascertain the depth of water have been taken in 107 slips and 4,894 rod soundings to ascertain the depth of soft mud have been taken in 33 slips by the surveying and sounding parties, of which 3,663 disk soundings in 41 slips and 1,491 rod soundings in 13 slips were on the North river and 10,581 disk soundings in 66 slips and 3,403 rod soundings in 20 slips were on the East and Harlem rivers.

Of the above 4,160 disk soundings in 19 slips and 3,991 rod soundings in 22 slips were for construction and 10,084 disk soundings in 86 slips and 903 rod soundings in 12 slips were for general repairs and examinations, soundings taken before and after dredging.

Of these soundings above reported, 945 disk soundings in 6 slips have been taken on the North river and 235 disk soundings in 3 slips on the East and Harlem rivers.

Most of the soundings have been plotted and placed on file.

Measurements testing the dimensions of piers, etc., have been taken.

The dredging done by lessees, alleged owners and others under permit or order of the Board of Docks has been attended to.

The measurement of all material dredged by the Department of Docks has been made.

Reports, estimates, etc., of work done have been prepared and receipts given.

Contracts Under which Dredging has been done during the Quarter.

Pier, new 14, North river, Contract No. 362.

Pier, new 23, North river, Contract No. 364.

Dump at Canal street, North river, Contract No. 370.

Dump at West Twelfth street, North river, Contract No. 370.

Pier at Forty-ninth street, North river, Contract No. 343.

Pier at Fifty-second street, North street, Contract No. 347.

West Eighty-first to West Eighty-second street, North river, Contract No. 374.

Bulkhead between One Hundred and Thirty-second and One Hundred and Thirty-third streets, North river, Contract No. 348.

Bulkhead between Piers 11 and 12, East river, Contract No. 363.

Dump at Seventeenth street, East river, Contract No. 370.

Dump at Eightieth street, East river, Contract No. 370.

Bulkhead from One Hundred and Thirty-eighth to One Hundred and Fortieth street, Harlem river, Contract No. 368.

Dredging Done by the Department of Docks during the Quarter ending April 30, 1891.

LOCATION.	MONTH.	CUBIC YARDS.		MISCELLANEOUS.	DEPTH MADE AT MEAN LOW WATER.	CONTRACT NO. OR TREASURER'S ORDER NO.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.
		Mud.	Crib.							
Battery wall, North river.....	April, 1891	.....	.....	{ 442 cub. yds. } rip-rap.....	Feet. 10	Treasurer's Order No. 15253	Secretary's Order No. 10745.....	Atlantic Dredging Co.....	April 23, 1891	April 23, 1891
*Wharf, Castle Garden, North river.....	Feb., "	996	.....	.....	15	Treasurer's Order No. 15148	Secretary's Order No. 10676.....	Atlantic Dredging Co.....	Feb. 14, "	Feb. 14, "
	" "	7,281	.....	.....					" 17, "	.....
	Mar., "	12,236	.....	.....	25-35	Contract No. 362.....	Resolution of Board, Nov. 13, 1890	Atlantic Dredging Co.....	.....	.....
	April, "	.....	8,251	{ 249 cub. yds. } filling.....					.....	April 15, 1891
Pier, new 14, North river.....	Feb., "	.....	.....	65 piles.....	..	.....	.....	Morris & Cumings Dredg- ing Co.....	Feb. 25, 1891	.....
	Mar., "	.....	.....	117 piles.....	..	.....	Resolution of Board, Feb. 6, 1889..	Atlantic Dredging Co.....	.....	Mar. 13, 1891
	April, "	.....	.....	54 piles.....	..	.....	.....	.....	April 1, 1891	April 14, "
	Feb., "	20,776	.....	.....	25	Contract No. 364.....	Resolution of Board, Dec. 18, 1890	Morris & Cumings Dredg- ing Co.....	Feb. 6, "	Feb. 19, "
Pier, new 23, North river.....	" "	.....	870	.....	31	.....	Resolution of Board, Jan. 8, 1891..	Morris & Cumings Dredg- ing Co.....	" 14, "	" 16, "
*Canal street dump, North river.....	April, "	2,250	.....	.....	15	Contract No. 370.....	Resolution of Board, Mar. 5, 1891.	Morris & Cumings Dredg- ing Co.....	April 6, "	April 8, "
*West Twelfth street dump, North river...	" "	1,006	.....	.....	15	.....	.....	.....	" 19, "	" 20, "
West Forty-ninth street Pier, North river..	Mar., "	38,147	.....	.....	20	Contract No. 343.....	Resolution of Board, June 18, 1890	North American Dredg- ing and Imp. Co.....	Mar. 2, "	Mar. 27, "
	" "	7,552	.....	.....		.....	.....	.....	" 23, "	.....
West Fifty-second street Pier, North river {	April, "	33,377	.....	.....	20	Contract No. 347.....	Resolution of Board, July 11, 1890.	Charles Du Bois.....	.....	April 27, 1891
West Fifty-second Street Section, North	Mar., "	10,492	.....	.....	25-28	.....	Resolution of Board, Oct. 6, 1887..	Atlantic Dredging Co.....	Mar. 10, 1891	Mar. 17, "
river.....										
West Eighty-first street to midway be-	April, "	3,578	.....	.....	28-32	Contract No. 374.....	Resolution of Board, Mar. 26, 1891	Thomas Walsh.....	April 29, "	In progress.
tween West Eighty-second and										
Eighty-third streets, North river....										
Bulkhead, West One Hundred and Thir-	" "	5,130	.....	.....	20	Contract No. 348.....	Resolution of Board, July 22, 1890.	William P. Kelly.....	" 1, "	April 8, 1891
ty-second to West One Hundred and										
Thirty-third street, North river.....										
Bulkhead between Piers 11 and 12, East	Feb., "	458	.....	.....	20	Contract No. 363.....	Resolution of Board, Nov. 20, 1890	Atlantic Dredging Co.....	Jan. 28, "	Feb. 2, "
river.....										
Bulkhead west of Pier, new 29, East river..	" "	.....	.....	{ 133 cub. yds. mud } and stones.....	10	Treasurer's Order No. 15050	Secretary's Order No. 10621.....	Atlantic Dredging Co.....	Feb. 10, "	" 10, "
*East Seventeenth street dump, East river..	April, "	2,115	.....	.....	15	Contract No. 370.....	Resolution of Board, Mar. 5, 1891.	Morris & Cumings Dredg- ing Co.....	April 14, "	April 16, "
East Eighteenth street Pier, East river....	Mar., "	10,601	.....	.....	18-20	.....	Resolution of Board, Jan. 29, 1891.	Morris & Cumings Dredg- ing Co.....	Mar. 16, "	Mar. 31, "
Bulkhead, East Twenty-second street, }	" "	2,142	.....	44 piles.....	10	Treasurer's Order No. 15176	Secretary's Order No. 10715.....	Atlantic Dredging Co.....	" 6, "	" 18, "
East river.....										
*East Eightieth street dump, East river....	April, "	1,052	.....	.....	10-15	Contract No. 370.....	Resolution of Board, Mar. 5, 1891.	Morris & Cumings Dredg- ing Co.....	April 10, "	April 13, "
Slip at East Eighty-sixth street, East river.	Feb., "	61	.....	.....	10	Treasurer's Order No. 15132	Secretary's Order No. 10647.....	Atlantic Dredging Co.....	Feb. 20, "	Feb. 21, "
North Pier at East Eighty-sixth street, }	" "	329	.....	.....	10	Treasurer's Order No. 15131	Secretary's Order, No. 10647.....	Atlantic Dredging Co.....	" 23, "	" 23, "
East river.....										
East One Hundred and Tenth Street	" "	14,423	.....	.....	15-18	.....	Resolution of Board, Apr. 25, 1889	Atlantic Dredging Co.....	" 11, "	" 25, "
Section, Harlem river.....										
Total.....		174,002	9,121	442 cub. yds. rip- rap. 249 cub. yds. filling 133 cub. yds. mud and stones. 280 piles.						

NOTE.—All places marked thus * denotes work done for other Departments.

GENERAL REPAIRS.

Repairs, other than dredging, have been made by the force of the Department to the following piers and bulkheads:

NORTH RIVER.

Bulkhead south of Franklin street, Secretary's Order No. 10775.
Pier, old 42, Secretary's Order No. 10774.
Approach to Piers, new 46 and 47, Secretary's Orders Nos. 10469 and 10478.
Pier at West Eleventh street, Secretary's Order No. 10831.
Pier at Thirteenth street, Secretary's Order No. 10673.
South of Thirty-fourth street and Twelfth avenue, Secretary's Orders Nos. 10756, 10770.
Pier, new 59, Secretary's Order No. 10816.
Pier at Fifty-fifth street, Secretary's Order No. 10705.
Bulkhead between Seventy-sixth and Seventy-seventh streets, Secretary's Order No. 10814.
Bulkhead between Seventy-seventh and Seventy-eighth streets, Secretary's Order No. 10814.
Bulkhead at Ninety-sixth street, Secretary's Orders Nos. 10642, 10710.
Pier at One Hundred and Thirty-eighth street, Secretary's Order No. 10881.
Pier at One Hundred and Fifty-second street, Secretary's Order No. 10711.

EAST RIVER.

Bulkhead between Piers 11 and 12, Secretary's Order No. 10703.
Pier, new 29, Secretary's Order No. 10769.
Pier, new 32, Secretary's Order No. 10790.
Pier 44, Secretary's Order No. 10790.
Pier 48, Secretary's Orders Nos. 10809, 10675.
Bulkhead between Piers 56 and 57, Secretary's Order No. 10417.
Pier 60, Secretary's Order No. 10791.

Repairs and other Pieces of Work, other than Dredging, have been Made by the Force of the Department for other Departments at the following-named places:

DEPARTMENT OF STREET CLEANING.

Pier at Thirty-eighth street, East river. 2 oak fender piles were driven and fastened on outer upper corner of pier, and other piles were refastened, under Secretary's Order No. 10640.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

Platform in front of bulkhead at One Hundred and Twentieth street, Harlem river. 2 courses of timber were put on; close piling and driving of bearing piles, new caps, mooring piles and braces were placed and fastened, and 10 half round oak fenders were put on and new deck sheathing laid, under Secretary's Order No. 10706.

DEPARTMENT OF PUBLIC WORKS.

Pier at west end of High Bridge, Harlem river. Backing logs, caps, fish-plates, bearing piles, braces and chocks were renewed and new sheathing laid, under Secretary's Order No. 10704.

Examinations and reports have been made on the condition of and repairs required at the following-named places:

NORTH RIVER.

Pier "A," special report.
Pier, new 1, special report.
Bulkhead between Piers, new 1 and old 1, special report.
Pier 6, Secretary's Order No. 10731.
Bulkhead between Piers 6 and 7, special report.
Pier, new 28, special report.
Bulkhead platform between Piers, new 45 and 46, special report.
Bulkhead along easterly side of approach to Piers, new 46 and 47, special report.
Bulkhead at Bank street, special report.
Pier at Jane street, special report.
Pier at Fifteenth street, special report.
Pier at Seventeenth street, special report.
Pier at Twenty-second street, special report.
Pier, new 54, special report.
Pier, new 57, special report.
Pier at Forty-ninth street, special report.
Bulkhead south of Fifty-fifth street, special report.
Pier at Fifty-fifth street, special report.

Pier at Fifty-eighth street, special report.

Bulkhead from Seventy-ninth to Eightieth street, special report.

Bulkhead platform at One Hundred and Thirtieth street, special report.

One Hundred and forty-five feet of bulkhead south of One Hundred and Thirty-first street, special report.

Pier at One Hundred and Thirty-first street, special report.

Bulkhead between piers at One Hundred and Thirty-second and One Hundred and Thirty-third street, special report.

Pier at One Hundred and Thirty-eighth street, special report.

EAST RIVER.

Pier 4, special report.

Piers 5 and 6, special report.

Bulkhead between Piers 11 and 12, Secretary's Order No. 10677.

Piers 20 and 21, special report.

Pier 24, special report.

Pier 25 and bulkhead adjoining, special report.

Pier 26 and bulkhead adjoining, special report.

Pier, new 29, special report.

Pier 58, special report.

Pier 62, Secretary's Order No. 10661.

Pier at Third street, special report.

Pier at Fifth street, special report.

Bulkhead platform at Forty-seventh street, special report.

Bulkhead at Ninety-third street, special report.

Bulkhead, between Ninety-third and Ninety-fourth streets, Secretary's Order No. 10653.

The following-named forms of contract, with the necessary plans therefor, have been submitted during the quarter:

Secretary's Order No. 10543—For extending Pier, new 25, North river. Submitted February 28, 1891; advertised as Contract No. 369.

Secretary's Order No. 10692—For dredging on North and East rivers. Submitted February 28, 1891; advertised as Contract No. 370.

Engineer's Order—For dredging at Piers, new 44 and 45, North river. Submitted March 4, 1891; advertised as Contract No. 371.

Secretary's Order No. 10544—For extending Pier, new 37, North river. Submitted March 5, 1891; advertised as Contract No. 372.

Engineer's Order—For furnishing granite stones. Submitted March 20, 1891; advertised as Contract No. 373.

Secretary's Order No. 9980—For building crib-bulkhead, Eighty-first to Eighty-third street, North river. Submitted March 25, 1891; advertised as Contract No. 374.

Engineer's Order—For dredging at Pier, new 29, North river. Submitted March 28, 1891; advertised as Contract No. 375.

Secretary's Order No. 10651—For extending Pier, new 26, North river. Submitted March 28, 1891; advertised as Contract No. 376.

Secretary's Order No. 10812—For repairing bulkhead between Piers 48 and 49, East river. Submitted April 17, 1891; advertised as Contract No. 377.

Engineer's Order—For repairing bulkhead platform, Sixtieth to Sixty-second street, East river. Submitted April 27, 1891; advertised as Contract No. 378.

Engineer's Order—For repairing bulkhead, etc., Seventy-eighth to Seventy-ninth streets, East river. Submitted April 30, 1891; advertised as Contract No. 379.

Repairs, Alterations and other Pieces of Work, other than Dredging, by Private Parties, by order of the Board, have been supervised at the following-named places during the Quarter:

NORTH RIVER.

Pier, new 1, Secretary's Order No. 9076.
Pier, old 1, Secretary's Order No. 10761.
Piers 4 and 5, Secretary's Order No. 10648.
Pier 5, Secretary's Order No. 10645.
Pier 6, Secretary's Orders Nos. 10659, 10735.
Bulkhead between Piers 6 and 7, Secretary's Order No. 10738.
Pier 8, Secretary's Order No. 10804.
Pier 10, Secretary's Order No. 10823.
Pier 13, Secretary's Order No. 10105.
Ferry at Cortlandt street, Secretary's Order No. 10654.
Pier, old 23, Secretary's Order No. 10617.

Pier, old 34, Secretary's Orders Nos. 10739, 10846.
Pier, new 24, Secretary's Order No. 10650.
Pier, new 27, Secretary's Orders Nos. 10786, 10821.
Pier, new 28, Secretary's Order No. 10766.
Desbrosses Street Ferry, Secretary's Order No. 10656.
Pier, new 34, Secretary's Order No. 10374.
Pier, new 38, Secretary's Order No. 10373.
Pier, new 41, Secretary's Order No. 10410.
Pier, new 42, Secretary's Order No. 10371.
Between Piers, new 45 and 46, Secretary's Order No. 10702.
Pier at Eleventh street, Secretary's Order No. 10802.
Bulkhead between Seventeenth and Eighteenth streets, Secretary's Order No. 10837.
Pier at Twenty-second street, Secretary's Orders Nos. 10795, 10665.
Pier, new 57, Secretary's Order No. 10701.
Pier, new 60, Secretary's Order No. 10531.
Pier at Thirty-fifth street, Secretary's Order 10658.
North side of Thirty-sixth street, Secretary's Order No. 10637.
Pier at Thirty-seventh street, Secretary's Order No. 10818.
Piers "E," "F" and "G" (Sixty-fourth, Sixty-fifth and Sixty-sixth streets), Secretary's Order No. 10309.
South of Ninety-eighth street, Secretary's Order No. 10532.
One Hundred and Thirty-second street, Secretary's Order No. 10736.

EAST RIVER.

Battery, Secretary's Order No. 10764.
Pier 4, Secretary's Orders Nos. 10690, 10874, 10595.
Pier 5, Secretary's Order No. 10594.
Bulkhead between Piers 5 and 6, Secretary's Order No. 10720.
Piers, old 5 and 6, Secretary's Order No. 10875.
Pier 17, Secretary's Order No. 10740.
Fulton, South, Catherine, Hamilton and Wall Street Ferries, Secretary's Order No. 10493.
Pier, old 32, Secretary's Order No. 10551.
Pier 38, Secretary's Order No. 10828.
Pier, new 32, Secretary's Order No. 10768.
Pier 43, Secretary's Order Nos. 10662, 10716.
Pier 49, Secretary's Order No. 10668.
Piers, 49 and 50, Secretary's Order No. 10247.
Bulkhead south of Pier 50, Secretary's Order No. 10545.
Piers 50 and 51, Secretary's Order No. 10601.
Pier 52, Secretary's Order No. 10584.
Pier 53, Secretary's Order No. 10729.
Pier 54, Secretary's Order No. 9840.
Bulkhead at East street, Secretary's Order No. 9600.
Pier 61, Secretary's Order No. 10724.
Pier at Houston street, Secretary's Order No. 10683.
Pier at Eleventh street, Secretary's Order No. 9564.
Pier at Twelfth street, Secretary's Order No. 10696.
Grand and Twenty-third Street Ferries, Secretary's Order No. 10628.
Bulkhead between Thirtieth and Thirty-first streets, Secretary's Order No. 10862.
Bulkhead at Forty-third street, Secretary's Order No. 10622.
Bulkhead between Forty-third and Forty-fourth streets, Secretary's Order No. 10687.
Ferry premises at Ninety-ninth street, Secretary's Order No. 10714.
Foot of One Hundredth street, Secretary's Order No. 10759.

HARLEM RIVER.

Between One Hundred and Fifteenth and One Hundred and Sixteenth streets, Secretary's Order No. 5587.
Between Willis and Alexander avenues, Secretary's Order No. 10801.
Foot of One Hundred and Thirtieth street, Secretary's Order No. 10797.
Obstructions consisting of dirt and rubbish were removed from various piers and bulkheads on the North and East rivers, under Secretary's Orders No. 9374 and 10750.
In the office of the Engineer-in-Chief the Draughtsmen have been engaged in making maps for contract work; floating property drawings; for general repairs, on general maps, searchers of titles, and general office work.

Very respectfully, your obedient servant,
G. S. GREENE, JR., Engineer-in-Chief.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK.

WEEK ENDING SATURDAY, 12 M., JULY 18, 1891.

Estimated Population, 1,168,168.

Death-rate, 33.29.

Cases of Infectious and Contagious Diseases Reported.

	WEEK ENDING—													
	Apr. 18.	Apr. 25.	May 2.	May 9.	May 16.	May 23.	May 30.	June 6.	June 13.	June 20.	June 27.	July 4.	July 11.	July 18.
Diphtheria.....	108	82	67	95	90	71	95	100	80	73	59	56	99	80
Measles.....	327	396	390	325	392	346	329	370	343	254	244	188	250	218
Scarlet Fever....	200	181	184	199	241	229	220	204	179	164	131	102	152	127
Small-pox.....	2	1	2	...	...	1	...	...	1	...	...	...	...	2
Typhoid Fever...	7	14	5	10	18	10	15	10	16	10	9	9	25	20
Typhus Fever...	...	1	...	1	...	...	...	...	...	...	1	3	...	...
Total.....	644	675	648	630	741	657	659	684	619	501	444	358	526	447

Marriages reported.....	258
Births.....	912
Deaths.....	1,074
Still-births.....	73
Burial permits issued.....	1,074
Transit permits issued.....	27
Searches made.....	207
Transcripts issued.....	177

Deaths According to Cause, Age and Sex.

	WEEK ENDING—													
	Apr. 18.	Apr. 25.	May 2.	May 9.	May 16.	May 23.	May 30.	June 6.	June 13.	June 20.	June 27.	July 4.	July 11.	July 18.
Diphtheria.....	23	12	31.2	12	11	...	3	2	15	20	3	...	...	...
Croup.....	14	8	9.4	4	10	...	4	7	11	3	...	...	...	...
Malarial Fevers.....	5	...	7.8	1	4	...	1	1	2	...	2	...	1	...
Measles.....	12	11	16.8	9	3	...	3	5	4	12	...	...	...	...
Scarlet Fever.....	30	7	14.6	15	15	...	1	6	16	23	5	...	2	...
Small-pox.....	...	...	1.2	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever.....	6	5	6.6	5	1	...	...	...	...	...	3	3	...	...
Typhus Fever.....	...	...	0.5	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough.....	5	15	13.4	3	2	...	4	1	...	5	...	...	...	...

* 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.
‡ Police census, October, 1890, 1,710,715.

	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.....	339	274	394.6	178	161	12	254	44	2	318	2	2	4	5	8
Phthisis.....	91	96	107.5	49	42	...	3	...	1	4	2	18	53	12	2
Other Tuberculous Diseases..	22	21	...	10	12	...	9	4	5	18	...	...	3	1	...
Diseases of Nervous System..	67	60	82.9	39	28	3	17	7	4	31	1	2	11	16	6
Heart Diseases.....	47	40	33.9	24	23	...	1	...	...	1	3	5	10	23	5
Bronchitis.....	31	29	25.9	13	18	4	11	6	1	22	...	...	2	3	4
Pneumonia.....	54	47	44.9	37	17	...	19	11	12	42	1	1	4	3	3
Other Diseases of Respiratory Organs.....	11	12	...	6	5	...	4	...	4	...	...	...	1	3	3
Diseases of Digestive System.	93	84	...	53	40	2	54	6	2	64	1	1	12	7	8
Diseases of Urinary System..	52	44	...	30	22	...	1	...	1	3	4	13	21	10	...
Congenital Debility.....	59	76	...	31	28	29	28	...	2	59	...	...	...	...	...
Old Age.....	9	10	...	3	6	...	...	...	...	...	...	...	...	1	8
Suicide.....	3	3	6.4	7	1	...	...	...	...	...	...	...	1	6	1
Other violent deaths.....	35	32	30.2	29	6	...	3	1	5	9	3	8	9	5	1
All other causes.....	61	55	...	23	38	6	4	1	9	20	2	6	14	13	6

* 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, atelectasis, cyanosis and preternatural births.

Causes of Death not Specified in the Foregoing Table.

Zymotic.	Circulatory.	Genito-urinary.
Erysipelas, 1; Syphilis, 2; Cerebro-spinal Fever, 6; Chicken-pox, 1; Influenza, 1; Puerperal Fever, 6.	Embolism, 1; Phlebitis, 1.	Bright's Disease, 43; Nephritis, 6; Diseases of Bladder and Prostate Gland, 3; Diseases of Uterus and Vagina, 1; Ovarian Disease, 1.
Dietetic.	Respiratory.	Locomotor.
Alcoholism, 2.	Laryngitis, 1; Emphysema, etc., 3; Hydrothorax, 1; Edema Glottidis, 1; Chronic Bronchitis, 4; Edema Pulmonum, 1.	Spinal Disease, 3; Hip Disease, 2; Caries, 1.
Constitutional.	Digestive.	Accident.
Cancer, 17; Tubercular Meningitis, 16; Tuberculosis, etc., 3; Tubercular Peritonitis, 2; Tubercular Enteritis, 1; Rheumatism, 2; Tabes Mesenterica, 1; Rickets, 2; Purpura, 1.	Gastro-Enteritis, 46; Gastritis, 5; Enteritis, 12; Cirrhosis, 7; Hepatitis, 1; Peritonitis, 2; Obstruction of Intestines, 3; Typhlitis, etc., 2; Jaundice, 2; other Diseases of Liver, 2; Ulcer of Stomach, 1; Stomatitis, 1; Tonsillitis, 1; Dentition, 3; Ulceration of Intestines, 4; Stricture of Rectum, 1.	Poison, 3; Fractures and Contusions, 9; Burns and Scalds, 2; Drowning, 10; Suffocation, 1; Surgical Operation, 1; Railroad, 4; Gunshot, 2; Sunstroke, 2.
Nervous.	Other Causes.	
Convulsions, 8; Meningitis, etc., 19; Apoplexy, 18; Paralysis, 2; Insanity, 6; Softening of Brain, 3; Epilepsy, 4; Myelitis, 1; Congestion of Brain, 5; Locomotor Ataxy, 1.	Otitis, 1; Addison's Disease, 1; Puerperal Convulsions, 2; Placenta Praevia, 1; Foramen Ovale Open, 1; Spina Bifida, 1; cause unknown, 1.	Homicide, 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.	Apr. 25.	May 2.	May 9.	May 16.	May 23.	May 30.	June 6.	June 13.	June 20.	June 27.	July 4.	July 11.	July 18.
Total deaths.....	1,208	961	910	673	777	799	772	743	952	803	922	957	1,074
Annual death-rate.....	37.70	29.98	28.37	27.20	24.20	24.87	24.01	23.10	29.58	24.94	28.61	39.68	33.29
Diphtheria.....	28	12	24	21	8	29	20	27	27	18	21	27	23
Croup.....	8	11	11	4	10	14	9	7	4	7	11	6	14
Malarial Fevers.....	...	4	2	1	4	4	...	4	9	2	6	5	5
Measles.....	20	34	21	21	19	15	15	24	16	20	16	13	12
Scarlet Fever.....	49	37	23	34	29	53	33	34	33	24	24	30	30
Small-pox.....	1	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever.....	4	3	4	5	4	6	7	6	2	7	2	4	6
Typhus Fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough.....	8	3	9	11	10	5	7	6	9	5	5	3	5
Diarrhoeal Diseases.....	7	17	16	20	20	18	23	36	111	137	240	283	339
Diarrhoeal Diseases under 5 years.....	5	14	14	19	17	16	21	35	104	129	228	270	317
Phthisis.....	106	111	99	112	108	103	99	98	85	70	72	90	91
Bronchitis.....	86	52	33	43	47	40	28	28	37	22	22	21	31
Pneumonia.....	272	176	168	139	112	106	98	84	89	75	56	65	54
Other Diseases of Respiratory Organs.....	30	24	25	26	17	20	12	12	20	22	17	10	11
Violent Deaths.....	45	47	59	27	34	31	44	36	77	52	49	31	43
Under one year.....	263	202	178	203	148	155	161	180	299	277	400	449	476
Under five years.....	455	353	314	334	290	324	299	324	447	416	544	581	666
Five to sixty-five.....	559	474	484	422	393	383	395	350	432	311	309	314	344
Sixty-five years and over	194	134	112	117	94	86	78	69	73	76	69	62	64
In Public Institutions...	273	212	235	216	176	181	197	185	206	142	142	147	181
Inquest Cases.....	111	100	128	87	92	89	91	79	105	95	104	82	102
Mean barometer.....	29.789	29.787	29.891	29.870	30.058	29.956	29.932	30.017	29.799	29.784	29.819	29.929	29.956
Mean humidity.....	71	60	74	81	64	71	72	66	72	65	69	67	75
Inches of rain.....	.49	...	.56	.77	.16	.96	.14	.39	.84	.11	.40	.95	.81
Mean temperature (Fahrenheit).....	57.3	57.1	50.2	58.5	60.8	61.8	67.9	70.8	73.7	75.3	69.2	70.1	77.0
Maximum temperature (Fahrenheit).....	80°	78°	82°	81°	82°	75°	88°	86°	97°	91°	80°	82°	90°
Minimum temperature (Fahrenheit).....	39°	36°	31°	44°	42°	48°	55°	54°	56°	60°	59°	60°	62°

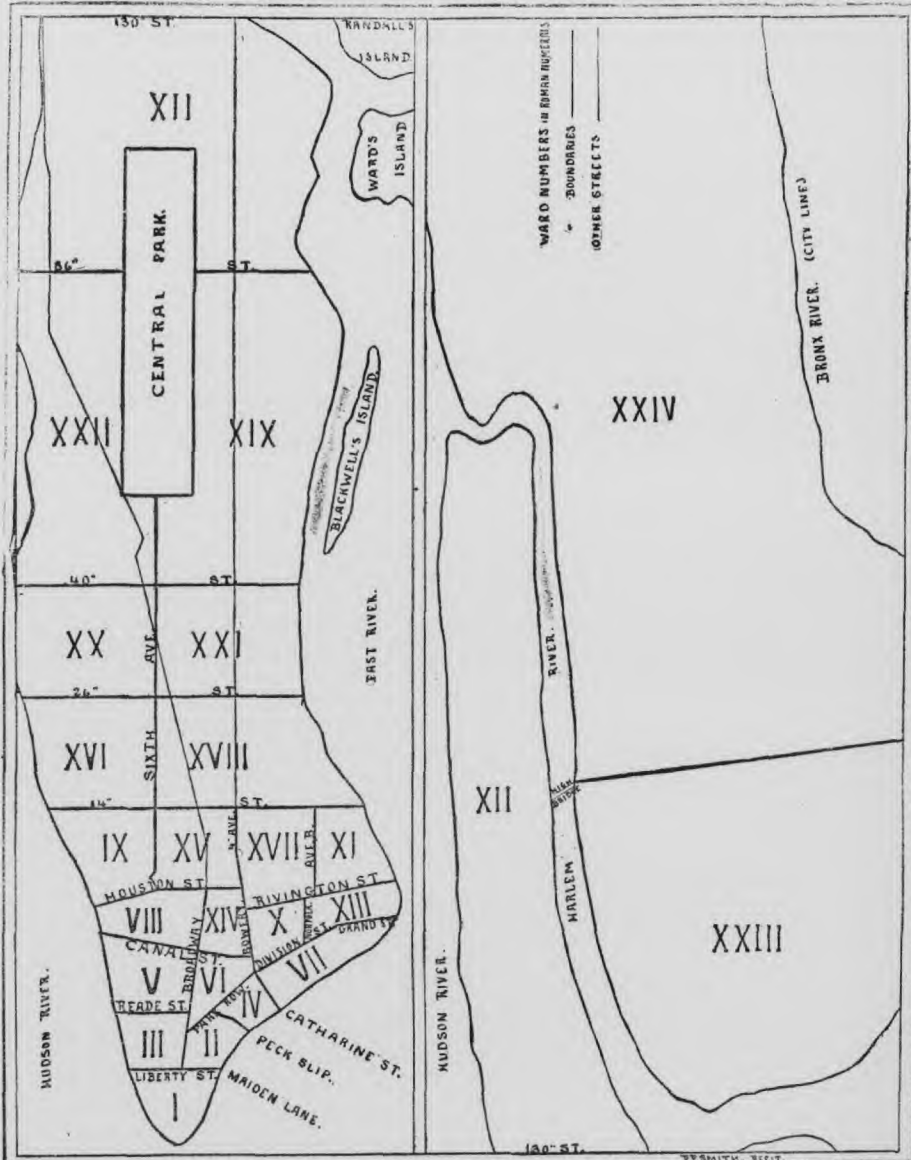
Infectious and Contagious Diseases.

Total number of dead animals removed from streets	755
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Executive Action.

Total number of orders issued for abatement of nuisances	680
“ attorney’s notices issued for non-compliance with orders	361
“ civil actions begun	48
“ arrests made	2
“ judgments obtained in civil courts	8
“ “ criminal courts .....	.....
“ permits issued	104
“ persons removed from overcrowded apartments	17

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



Contagious diseases showed a considerable decrease, the reported cases of diphtheria, measles and scarlet fever being respectively 80, 218 and 127, against 99, 250 and 152 for the previous week. Diphtheria increased between Rivington and Fourteenth streets, Third avenue and Avenue B, and between Twenty-sixth and Eighty-sixth streets, West, decreasing, as a rule, elsewhere, the decrease being most marked between Division and Fourteenth streets, Norfolk and Clinton streets, and Avenue B and the East river. Scarlet fever showed an increase between Spruce and Catharine streets, Park Row and the East river, between Third avenue and Avenue B, Rivington and Fourteenth streets, between Canal and Houston streets, the Bowery and Broadway, and in the lower part of the annexed district, decreasing elsewhere. Measles increased between Grand and Rivington streets, east of Norfolk, between the Bowery and Broadway, Canal and Houston streets, between Fourteenth and Twenty-sixth streets, West, and Fourteenth and Eighty-sixth streets, East, decreasing, as a rule, elsewhere.

By order of the Board,
EMMONS CLARK, Secretary.

MEETINGS, JULY 6 TO 11, 1891.

Communications Received.

From Penitentiary—List of prisoners received during week ending July 4, 1891 : Males, 42 ; females, 3. On file.

List of 34 prisoners to be discharged from July 12 to 18, 1891. Transmitted to Prison Association.

List of prisoners confined in dark cells during June, 1891. On file.

From Heads of Institutions—Reporting meats, milk, fish, etc., received during the week ending July 4, 1891, of good quality and up to the standard. On file.

From City Prison—Amount of fines received during week ending July 4, 1891, \$234. On file.

From N. Y. City Asylum for Insane, Blackwell's Island—History of 18 patients admitted, 9 discharged and 1 that died during week ending July 4, 1891. On file.

From N. Y. City Asylum for Insane, Ward's Island—History of 19 patients admitted, 8 discharged and 6 that have died during week ending July 4, 1891. On file.

From City Cemetery—List of burials during week ending July 4, 1891. On file.

From the Comptroller—Statement of unexpended balances to July 3, 1891. To Bookkeeper.

From District Prisons—Amount of fines received during week ending July 4, 1891, \$351. On file.

Inspections of Premises.

Total number of inspections made.....	8,377
Classified as follows :	
Inspections of tenement-houses.....	4,820
" private dwellings.....	630
" lodging-houses.....	19
" stables.....	404
" slaughter-houses.....	443
" other premises.....	1,120
" overcrowded tenements (at night).....	941
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Total number of citizens' complaints attended to.....	425
" " verified.....	294
" " found baseless, or nuisance already abated.....	131
" original complaints by Inspectors.....	559

New Buildings.

Total number of plans and specifications filed	20
" buildings included therein	44
" plans approved	55
" " tabled for amendment	19
" buildings reported begun	67
" " finished	26

Inspection of Foods, Chemical Analyses, etc.

Total number of inspections of milk.....	2,182
“ specimens examined.....	2,832
“ quarts of milk destroyed.....	20
“ inspections of fruit, vegetables and canned goods.....	1,268
“ pounds of same condemned and destroyed.....	33,595
“ inspections of meat and fish.....	1,298
“ pounds of same condemned and destroyed.....	32,160
“ analyses of milk and other foods.....	14
“ experimental analyses.....	

Analysis of Croton Water, July 17, 1891.
Result Expressed in Parts per 100,000.

Appearance	Slightly turbid.
Color	Light yellowish brown.
Odor (at 100° Fahr.)	Marshy.
Chlorine in Chlorides	0.206
Equivalent to Sodium Chloride	0.339
Phosphates	None.
Nitrites	None.
Nitrogen in Nitrates and Nitrites (method of Gladstone and Tribe)	0.0124
Free Ammonia	Trace.
Albuminoid Ammonia	0.0130
Hardness equivalent to Carbonate of Lime	4.73
	{ Before boiling 4.73
	{ After boiling 2.10
Organic and volatile (loss on ignition)	2.10
Mineral matter (non-volatile)—Lost Carbonic Acid not restored	7.90
Total solids (by evaporation at 230° Fahr.)	10.00
Temperature at hydrant, 70° Fahr.	

From the Boynton Furnace Company—Proposals to furnish and set one No. 25 Boynton return flue hot water heater, and connect same to 900 square feet of direct radiation, divided into 16 settings, all with fixtures, and in the manner set forth in Specification "B," for the sum of \$750. Accepted.

From N. Y. City Asylum for Insane, Hart's Island—Transmitting writ of habeas corpus in the case of Susan Rogers, patient, and requesting that the Counsel to the Corporation be requested to represent the Department in the matter. So ordered.

Appointed.

From June 30. Margaret Sherry, Ellen B. Mullen, Attendants, N. Y. City Asylum for Insane, Hart's Island. Salary, \$216 per annum, each.

From July 1. K. D. Ford, Robert E. Morrison, Nurses, Bellevue Hospital. Salary, \$144 per annum, each.

" 1. Mary B. Duff, Attendant, N. Y. City Asylum for Insane, Blackwell's Island. Salary, \$216 per annum.

" 1. Robert Donlon, Messenger, N. Y. City Asylum for Insane, Ward's Island. Salary, \$60 per annum.

" 1. William Kelly, Laborer, Storehouse. Salary, \$60 per annum.

" 1. Florence Shoemaker, Nurse, Charity Hospital. Salary, \$120 per annum.

" 1. A. H. Saving, Steamfitter, Almshouse. Salary, \$600 per annum.

" 2. Patrick Finn, Attendant, N. Y. City Asylum for Insane, Ward's Island. Salary, \$300 per annum.

" 4. Edward J. Brown, Attendant, N. Y. City Asylum for Insane, Long Island. Salary, \$300 per annum.

" 6. Joseph Wardale, Attendant, Bellevue Hospital. Salary, \$96 per annum.

" 7. Elizabeth Dowd, Domestic, N. Y. City Asylum for Insane, Ward's Island. Salary, \$168 per annum.

" 8. Louis S. Quin, Laborer, Steamboats. Salary, \$240 per annum.

" 8. Bridget Dolan, Assistant Nurse, Randall's Island Hospital. Salary, \$120 per annum.

" 8. Patrick Rohan, Messenger, N. Y. City Asylum for Insane, Hart's Island. Salary, \$60 per annum.

" 8. Kate Hyland, Attendant, N. Y. City Asylum for Insane, Blackwell's Island. Salary, \$216 per annum.

" 9. Edward Healy, Fireman, City Prison. Salary, \$300 per annum.

" 10. Michael Byrne, Orderly, Charity Hospital. Salary, \$240 per annum.

" 10. George Krieger, Nurse, Homoeopathic Hospital. Salary, \$192 per annum.

" 10. Michael Kerr, Plumber, Randall's Island Hospital. Salary, \$240 per annum.

Reappointed.

July 3. Gerard A. Peppard, Attendant, N. Y. City Asylum for Insane, Ward's Island. Salary, \$300 per annum.

" 8. Mary McGarry, Attendant, N. Y. City Asylum for Insane, Blackwell's Island. Salary, \$216 per annum.

Resigned.

July 1. Frederick Jarvis, Laborer, Storehouse.

" 6. Michael Nagle, Supervisor, N. Y. City Asylum for Insane, Ward's Island.

" 7. Annie McGloine, Kate Curtayne, Attendants, N. Y. City Asylum for Insane, Blackwell's Island.

" 7. Lizzie Kelly, Domestic, N. Y. City Asylum for Insane, Ward's Island.

" 7. Richard Jackson, Fireman, Infants' Hospital.

Relieved from Duty.

July 1. William F. Kiernan, Attendant, N. Y. City Asylum for Insane, Ward's Island.

Dismissed.

July 6. Jeremiah Denehy, Attendant, Bellevue Hospital.

" 6. Garrett Pierce, Fireman, Randall's Island Hospital.

" 8. James H. Dunne, Orderly, Charity Hospital.

" 9. Ellen Hynes, Attendant, N. Y. City Asylum for Insane, Blackwell's Island.

" 10. Annie Connolly, Assistant Cook, Homoeopathic Hospital.

Salary Increased.

July 1. Patrick J. Fox, Samuel P. Wilson, Paul W. Schoenberg, Patrick J. Gurry, James Nolan, Attendants, N. Y. City Asylum for Insane, Ward's Island, \$300 to \$360 per annum, each.

" 1. Owen H. Roberts, James O'Brien, Attendants, N. Y. City Asylum for Insane, Ward's Island, \$360 to \$420 per annum, each.

" 10. Edward Bray, Cook, Homoeopathic Hospital, \$240 to \$380 per annum.

Transferred.

July 10. John Downey, Plumber to Fireman, Randall's Island Hospital. Salary increased from \$240 to \$300 per annum.

G. F. BRITTON, Secretary.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,
NEW YORK, March 4, 1890.

Pursuant to section 1, subdivision 3 of chapter 10, Laws of 1888, I hereby designate the "New Yorker Zeitung" and "New York Daily News," of the daily papers printed in the City of New York as the newspapers in which the advertisements of the public notice of the time and place of auction sales in the City of New York shall be published.

HUGH J. GRANT, Mayor.

MAYOR'S OFFICE,
NEW YORK, February 1, 1889.

Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate the "Daily News" and the "New York Morning Journal," two of the daily papers printed in the City of New York, in which notice of each sale of unredeemed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

HUGH J. GRANT, Mayor.

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. WM. McM. SPEER, Secretary and Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.

DANIEL ENGELHARD, First Marshal.
FRANK FOX, Second Marshal.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.

MICHAEL T. DALY, CHARLES G. F. WAHLE.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.

JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FTELEV, Chief Engineer; J. C. LULLY, Auditor.

BOARD OF ARMORY COMMISSIONERS.

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

COMMON COUNCIL.

Office of Clerk of Common Council.

No. 8 City Hall, 9 A. M. to 4 P. M.

JOHN H. V. ARNOLD, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.

MICHAEL C. PADDEN, City Librarian.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

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

THOMAS F. GILROY, Commissioner; MAURICE F. HOLAHAN, Deputy Commissioner.

Bureau of Chief Engineer.

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

GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register.

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

JOSEPH RILEY, Register.

Bureau of Street Improvements.

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

WM. M. DEAN, Superintendent.

Office of Engineer in Charge of Sewers.

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

HORACE LOOMIS, Engineer-in-Charge.

Bureau of Repairs and Supplies.

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

WILLIAM G. BERGEN, Superintendent.

Bureau of Water Purveyor.

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

WM. H. BURKE, Water Purveyor.

Bureau of Lamps and Gas.

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

STEPHEN MCCORMICK, Superintendent.

Bureau of Streets and Roads.

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

JOHN B. SHEA, Superintendent.

Bureau of Incumbrances.

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

MICHAEL T. CUMMINGS, Superintendent.

Keeper of City Hall

MARTIN J. KRESSE, City Hall.

DEPARTMENT OF STREET IMPROVEMENTS

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

No. 2622 Third avenue, northeast corner of One Hundred and Forty-first street. Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

LOUIS J. HEINTZ, Commissioner; JOHN H. J. RONNER, Deputy Commissioner; WM. H. TEN EYCK, Secretary.

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

THEODORE W. MYERS, Comptroller; RICHARD A. STORRS, Deputy Comptroller; D. LOWBER SMITH, Assistant Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

WILLIAM J. LYON, First Auditor.
DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

OSBORNE MACDANIEL, Collector of Assessments and 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.

JAMES DALY, Collector of the City Revenue and Superintendent of Markets.

No money received after 2 P. M.

Bureau for the Collection of Taxes.

No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.

GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.

No money received after 2 P. M.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

THOMAS C. T. CRAIN, City Chamberlain.

Office of the City Paymaster.

No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.

JOHN H. TIMMERMAN, City Paymaster

LAW DEPARTMENT.

Office of the Counsel to the Corporation

Staats Zeitung Building, third and fourth floors, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.

WILLIAM H. CLARK, Counsel to the Corporation.

ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.

CHARLES E. LYDECKER, Public Administrator.

Office of Attorney for Collection of Arrears of Personal Taxes.

Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.

JOHN G. H. MEYERS, Attorney.

MICHAEL J. DOUGHERTY, Clerk.

Office of the Corporation Attorney

No. 49 Beekman street, 9 A. M. to 4 P. M.

LOUIS HANNEMAN, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.

CHARLES F. MACLEAN, President; WILLIAM H. KIPP, Chief Clerk; T. F. RODENBOUGH, Chief of Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.

HENRY H. PORTER, President; GEORGE F. BRITTON, Secretary.

Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.

Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.

Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

HARLEM RIVER BRIDGE COMMISSION.

Washington Building, No. 1 Broadway.

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

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.

HENRY D. PURROY, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.

HUGH BONNER, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

JAMES MITCHELL, Fire Marshal.

Bureau of Inspection of Buildings.

THOMAS J. BRADY, Superintendent of Buildings.

Attorney to Department.

WM. L. FINDLEY.

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent.

Central Office open at all hours.

Repair Shops.

Nos. 128 and 130 West Third street.

JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

Ninety-ninth street, between Ninth and Tenth avenues, JOSEPH SHEA, Foreman-in-Charge.

Open at all hours.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.

CHARLES G. WILSON, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 49 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.

ALBERT GALLUP, President; CHARLES DE F. BURNS, Secretary.

DEPARTMENT OF DOCKS.

Battery, Pier A, North river.

EDWIN A. POST, President; AUGUSTUS T. DOCHARTY, Secretary.

Office hours, from 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.

EDWARD P. BARKER, President; FLOYD T. SMITH, Secretary.

DEPARTMENT OF STREET CLEANING.

Stewart Building. Office hours, 9 A. M. to 4 P. M.

HANS S. BEATTIE, Commissioner; WILLIAM DALTON, Deputy Commissioner; GILBERT O. F. NICOLL, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

[Cooper Union, 9 A. M. to 4 P. M.]

JAMES THOMSON, Chairman of the Supervisory Board

LEE PHILLIPS, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT

The Mayor, Chairman; E. P. BARKER, Secretary, CHARLES V. ADEE, Clerk.

Office of Clerk, Staats Zeitung Building, Room 5.

BOARD OF ASSESSORS.

Office, 27 Chambers street, 9 A. M. to 4 P. M.

EDWARD GILON, Chairman; WM. H. JASPER, Secretary

BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.

ALEXANDER MEAKIM, President; JAMES F. BISHOP, Secretary and Chief Clerk.

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.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.

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

Proposals must include all the items, specifying the price per cwt. for hay and straw, and per bag for oats and bran.

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

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

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

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for his faithful performance in the sum of six thousand (\$6,000) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of three hundred (\$300) dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

HENRY D. PURROY,
S. HOWLAND ROBBINS,
ANTHONY EICKHOFF,
Commissioners.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

NEW YORK CITY CIVIL SERVICE BOARDS,
COOPER UNION,
NEW YORK, July 28, 1891.

PUBLIC NOTICE IS HEREBY GIVEN THAT an open competitive examination will be held at this office for the position below specified, upon the date mentioned:

August 4. STABLE FOREMAN, Department of Street Cleaning.

Application blanks may be obtained at the office of the Secretary, Room No. 30, Cooper Union.

LEE PHILLIPS,
Secretary and Executive Officer.

NEW YORK CITY CIVIL SERVICE BOARDS,
COOPER UNION,
NEW YORK, April 3, 1890.

NOTICE.

- Office hours from 9 A. M. until 4 P. M.
- Blank applications for positions in the classified service of the city may be procured upon application at the above office.
- Examinations will be held from time to time in the needs of the several Departments of the City Government may require. When examinations are called, all persons who have filed applications prior to that date will be notified to appear for examination for the position specified.
- All information in relation to the Municipal Civil Service will be given upon application either in person or by letter. Those asking for information by mail should inclose stamp for reply.
- The classification by schedule of city employees is as follows:

Schedule A shall include all deputies of officers and commissioners duly authorized to act for their principals, and all persons necessarily occupying a strictly confidential position.

Schedule B shall include clerks, copyists, recorders, bookkeepers and others rendering clerical services, except type-writers and stenographers.

Schedule C shall include Policemen, both in the Police Department and Department of Parks, and the uniformed force in the Fire Department, and Doormen in the Police Department.

Schedule D shall include all persons for whose duty special expert knowledge is required not included in Schedule E.

Schedule E shall include physicians, chemists, nurses, orderlies and attendants in the city hospitals and asylums, surgeons in the Police Department and the Department of Public Parks, and medical officers in the Fire Department.

Schedule F shall include stenographers, type-writers and all persons not included in the foregoing schedules except laborers or day workmen.

Schedule G shall include all persons employed as laborers or day workmen.

Positions falling within Schedules A and G are exempt from Civil Service examination.

LEE PHILLIPS,
Secretary and Executive Officer.

JURORS.

NOTICE OF COMMISSIONER OF JURORS IN REGARD TO CLAIMS FOR EXEMPTION FROM JURY DUTY.

ROOM 127, STEWART BUILDING,
No. 280 BROADWAY, THIRD FLOOR,
NEW YORK, June 1, 1891.

CLAIMS FOR EXEMPTION FROM JURY duty will be heard by me daily at my office, from 9 A. M. until 4 P. M.

Those entitled to exemption are: Clergymen, lawyers, physicians, surgeons, surgeon-dentists, professors or teachers in a college, academy or public school, editors, editorial writers or reporters of daily newspapers, licensed pharmacists or pharmacists, actually engaged in their respective professions and not following any other calling; multiarmen, policemen, and firemen; election officers, jury non-residents, and city employees, and United States employees; officers of vessels making regular trips; licensed pilots, actually following that calling; superintendents, conductors and engineers of a railroad company other than a street railroad company; telegraph operators actually doing duty as such; Grand, Sheriff's, and Civil Court jurors; stationary engineers; and persons physically incapable of performing jury duty by reason of severe sickness, deafness, or other physical disorder.

Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only, under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc. etc. No attention paid to letters.

All good citizens will aid the course of justice, as secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States jurors, are not exempt.

Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement and every case will be fully prosecuted.

BERNARD F. MARTIN,
Commissioner of Jurors.

FINANCE DEPARTMENT.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
July 17, 1891.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the assessment list in the matter of acquiring title to One Hundred and Twenty-seventh street, between the Boulevard and Manhattan street, which was confirmed by the Supreme Court, July 8, 1891, and entered on the 15th day of July, 1891, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 998 of said "New York City Consolidation Act of 1882."

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

The above assessment is payable to the Collector of Assessments and Clerk of Arrears, at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 31 Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon on or before September 14, 1891, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

THEO. W. MYERS,
Comptroller.

NOTICE OF POSTPONEMENT OF SALE FOR UNPAID ASSESSMENTS.

WHEREAS, SECTION 928 OF THE NEW York City Consolidation Act of 1882 authorizes the Comptroller, in his discretion, to postpone any sale for unpaid taxes or assessments; and,

Whereas, a sale for unpaid assessments advertised to be held on Monday, March 2, 1891, was postponed until June 1, 1891, and

Whereas, Applications for a further postponement of said sale have been made by many persons who own and are interested in the property so advertised to be sold for unpaid assessments thereon. Now, therefore, I do hereby order and direct said sale to be postponed from June 1, 1891, to Monday, the 9th day of November, 1891, when it will be held at 12 o'clock, noon, at the County Court-house, City Hall Park.

THEO. W. MYERS,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, June 1, 1891.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1887, prepared under the direction of the Commissioners of Records.

Grants, grantees, suits in equity, insolvents' and Sheriff's sales in 61 volumes, full bound, price..... \$100 00
The same in 25 volumes, half bound..... 50 00
Complete sets, folded, ready for binding..... 15 00
Records of Judgments, 25 volumes, bound..... 10 00

Orders should be addressed to "Mr. Stephen Angell Room 23, Stewart Building."

THEODORE W. MYERS,
Comptroller.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT,
No. 301 MOTT STREET.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR FURNISH- ing 487 Tons of White Ash Coal and 8 Tons of Ince Hall Cannel Coal, for the Health Department, will be received at the office of the Board of Health, in the City of New York, until 2:30 o'clock P. M. of the 11th day of August, 1891. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed, "Bid or Estimate for furnishing Coal for the Health Department," and with his or their name or names, and the date of its presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Board and read.

The Board of Health reserves the right to reject all bids or estimates, as provided in section 64, chapter 410, Laws of 1882, if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

The coal to be of good quality, and the quantity that will be required will be about Four Hundred and Eighty-seven (487) Tons of White Ash Coal, and Eight (8) Tons of Ince Hall Cannel Coal, to be well screened and in good order, each ton to be 2,240 pounds, in accordance with the specification attached to and which forms a part of the contract aforesaid.

Delivery to be made at the Willard Parker Hospital, near the foot of East Sixteenth street; offices of the Health Department, at No. 301 Mott street, No. 309 Mulberry street, and No. 42 Bleeker street; Vaccine Laboratory, at No. 326 East Forty-fourth street, and Stable, at No. 128 Worth street, at the time required by the Board of Health; any changes in the time or place of delivery, however, may be made in writing by the Board of Health.

The above quantity is estimated and approximated only, and bidders are notified that the Board of Health reserves the right to increase or diminish said quantities by an amount not exceeding fifteen per cent. of the estimated quantities, and the contractor will be paid therefor only at the rate or price named in the contract, and that in case the above-named quantity shall not be required by the Department, no allowance will be made for any real or supposed damage or loss of profit.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal sum of ONE THOUSAND TWO HUNDRED (\$1,200) DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters therein stated are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Bidders will be required to furnish testimonials that they are engaged in the coal business in the City of New York, and have the plant necessary to carry out promptly and regularly the contract, if it be awarded, to the entire satisfaction of the Board of Health, and must furnish an undertaking for the faithful performance of all the provisions thereof in the manner provided by law, executed by two householders or freeholders of the City of New York, each justifying in the penal sum of ONE THOUSAND TWO HUNDRED (\$1,200) DOLLARS, and agreeing that if he shall omit or refuse to execute the said contract they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract shall be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

Should the person or persons to whom the contract is awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or estimate, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the National or State 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 his deposit will be returned to him.

Bidders are cautioned to examine the form of contract and the specifications for particulars before making their estimate. Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment for the Coal will be made by requisition on the Comptroller, and as more specifically and particularly is set forth in the contract form.

Bidders are informed that no deviation from the contract and specifications will be allowed, unless under the written instruction of the Board of Health.

The form of the agreement, including specifications, showing the manner of payment, will be furnished at the office of the Department, No. 301 Mott street.

CHARLES G. WILSON,
JOSEPH D. BRYANT, M. D.,
WILLIAM M. SMITH, M. D.,
CHARLES F. MACLEAN,
Commissioners.

Dated New York, July 29, 1891.

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

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

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

TO CONTRACTORS.

MATERIALS AND WORK REQUIRED FOR STEAM HEATING, ETC., PAVILION FOR N. Y. CITY ASYLUM FOR INSANE, B. I.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until Wednesday, August 12, 1891, until 10 A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed, "Bid or Estimate for Steam Heating Pavilion for Insane, B. I.," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

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

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt, or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of ONE THOUSAND (\$1,000) DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a Department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the 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 his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security, as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

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

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

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

Dated New York, July 29, 1891.

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

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

TO CONTRACTORS.

MATERIALS AND WORK REQUIRED
IN THE ERECTION OF ADDITION
TO HARLEM HOSPITAL.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until Wednesday, August 12, 1891, until 10 A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Addition to Harlem Hospital," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

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

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of **FIVE HUNDRED (\$500) DOLLARS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security, as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

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

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

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

Dated New York, July 29, 1891.
HENRY H. PORTER, President,
CHARLES E. SIMMONS, M.D., Commissioner,
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction.

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

TO CONTRACTORS.

MATERIALS AND WORK REQUIRED
IN THE RECONSTRUCTION AND
ADDITIONS TO SOUTH HOSPITAL,
RANDALL'S ISLAND, N. Y.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until Wednesday, August 5, 1891, until 10 A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Reconstruction, etc., to South Hospital, Randall's Island," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates

received will be publicly opened by the President of said Department and read.

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

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of **FOUR THOUSAND (\$4,000) DOLLARS.**

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 1880, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of this security shall, in addition to the justification and acknowledgment, be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and provide such proper security, as has been heretofore stated to be requisite, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

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

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

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

Dated New York, July 24, 1891.
HENRY H. PORTER, President,
CHARLES E. SIMMONS, M.D., Commissioner,
EDWARD C. SHEEHY, Commissioner,
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, July 22, 1891.

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

At Morgue, Bellevue Hospital, from Central Park—Unknown man, aged about 35 years; 5 feet 5 inches high; light brown hair, sandy moustache, hazel eyes. Had on black coat and vest, black and gray striped pants, white knit undershirt and drawers, white cotton socks, gaiters, black derby hat.

Unknown man, from Pier 12, East river, aged about 35 years; 5 feet 9 inches high; red hair and moustache. Had on black coat and vest, black and blue striped pants, gray woolen undershirt, red flannel drawers, red and white woolen socks, gaiters.

Unknown man, from foot of Gansevoort street, aged about 35 years; 5 feet 7 inches high; brown hair, sandy moustache. Had on white plaid cotton duster, black pants, white cotton shirt, white cotton undershirt, blue and white cotton socks, laced shoes. Pawn ticket marked "Engle" found on his person.

Unknown man, from Governor's Island, aged about 28 years; 5 feet 5 inches high; light brown hair and moustache. Had on brown and gray striped coat and vest, blue pants, white cotton shirt with brown stripes, blue and white striped socks, laced shoes.

Unknown man, from Central Park, aged about 40 years; 5 feet 5 inches high; brown hair, sandy moustache and side whiskers. Had on brown and black striped coat, vest and pants, white cotton undershirt, brown cotton socks, brown and yellow straw hat. Shirt marked "L. H."

Unknown man, from First Precinct Station-house, aged about 35 years; 5 feet 6 inches high; brown hair, sandy moustache, brown eyes. Had on black and gray mixed coat, blue and gray striped pants, white and red striped shirt, white cotton undershirt, gray cotton drawers, white cotton socks, laced shoes. Lady's heart and anchor tattooed on right arm, eagle and flag on left arm.

Unknown man, from Pier 11, East river, aged about 35 years; 4 feet 10 inches high; brown hair, sandy moustache. Had on black pants, blue and white striped cotton shirt, white cotton undershirt and drawers, black cotton socks, low cut shoes. Had a deformity of the back.

At Charity Hospital, Blackwell's Island—George Chay, aged 28 years.

At Almshouse, Blackwell's Island—Gottlieb Brecht. Had on when admitted gray check coat, dark pants, brown vest, hickory shirt, white cotton socks, black silk cap.

At N. Y. City Asylum for Insane, Blackwell's Island—Emma Stadler, aged 27 years; 5 feet 2 1/4 inches high; brown hair and eyes. Had on when admitted black hat, brown suit, white petticoat, chemise and drawers, slippers.

Nothing known of their friends or relatives.

By order,

G. F. BRITTON,
Secretary.

PUBLIC POUND.

NOTICE.

JULY 27, 1891.

TO BE SOLD AT AUCTION, AT PUBLIC Pound, One Hundred and Thirty-ninth street and Amsterdam avenue, Bay Horse, 15 1/2 hands high; star on forehead; blind of right eye. Sale Friday, the 31st instant, at 1 P. M.

M. FITZPATRICK,
Pound Master.

COMMISSIONER OF STREET IMPROVEMENTS OF THE TWENTY-THIRD AND TWENTY-FOURTH WARDS.

OFFICE OF
COMMISSIONER OF STREET IMPROVEMENTS
OF THE TWENTY-THIRD AND TWENTY-FOURTH WARDS,
NEW YORK, July 27, 1891.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH OF the following-mentioned works, 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 by the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, at his office, No. 262 Third Avenue, corner of One Hundred and Forty-first street, until 3 o'clock P. M., on Tuesday, August 11, 1891, at which place and hour they will be publicly opened.

No. 1. FOR REGULATING AND GRADING, SETTING CURB-STONES AND FLAGGING THE SIDEWALKS IN ONE HUNDRED AND FIFTY-FOURTH STREET, from Courtlandt avenue to Morris avenue.

No. 2. FOR REGULATING AND GRADING, SETTING CURB-STONES AND FLAGGING THE SIDEWALKS IN ONE HUNDRED AND SIXTY-SEVENTH STREET, from Vanderbilt avenue, East, to Third avenue, AND LAYING CROSSWALKS WHERE NOT ALREADY LAID.

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 to and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of the deposit will be returned to him.

The Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards 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 other information desired, can be obtained at this office.

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

OFFICE OF
COMMISSIONER OF STREET IMPROVEMENTS
OF THE TWENTY-THIRD AND TWENTY-FOURTH WARDS,
NEW YORK, July 13, 1891.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH OF the following-mentioned works, 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 by the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, at his office, No. 262 Third Avenue, corner of One Hundred and Forty-first street, until 3 o'clock P. M., on Thursday, July 30, 1891, at which place and hour they will be publicly opened.

No. 1. FOR REGULATING, PAVING WITH GRANITE-BLOCKS, CURBING AND FLAGGING AND LAYING CROSSWALKS IN BROOK AVENUE, from a line four hundred and eighty-seven feet south of the southerly line of One Hundred and Thirty-second street to the southerly curb-line of One Hundred and Fifty-sixth street.

No. 2. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS AND BUILDING CULVERTS IN AND PAVING WITH GRANITE BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND THIRTY-EIGHTH STREET, between Railroad avenue, East, and the Madison Avenue Bridge.

No. 3. FOR REGULATING AND GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS AND LAYING CROSSWALKS IN ONE HUNDRED AND SIXTY-NINTH STREET, from Franklin avenue to One Hundred and Sixty-seventh street.

NUMBER 1, ABOVE MENTIONED.

11,500 linear feet of new curb-stone furnished and set.
2,700 linear feet of old curb-stone taken up and reset.
47,500 square feet of new flagging furnished and laid.
2,500 square feet of old flagging taken up and relaid.
8,000 square feet of new bridge-stone for crosswalks furnished and laid.

31,000 square yards of granite-block pavement furnished and laid.

The time allowed for the completion of the whole work will be ONE HUNDRED AND FIFTY CONSECUTIVE WORKING DAYS.

NUMBER 2, ABOVE MENTIONED.

2,300 cubic yards of earth excavation.
400 cubic yards of filling.
1,175 linear feet of new curb-stone furnished and set.
300 linear feet of old curb-stone taken up and reset.
4,200 square feet of new flagging furnished and laid.
900 square feet of old flagging taken up and relaid.
3,000 square yards of granite-block pavement furnished and laid.

100 linear feet of 12-inch pipe culvert, including inlets built in rubble masonry in mortar.

25 cubic yards of dry rubble masonry.

The time allowed for the completion of the whole work will be SEVENTY-FIVE CONSECUTIVE WORKING DAYS.

NUMBER 3, ABOVE MENTIONED.

1,450 cubic yards of earth excavation.
1,500 cubic yards of rock excavation.
41,200 cubic yards of filling.
4,900 linear feet of new curb-stone furnished and set.
300 linear feet of old curb-stone taken up and reset.

18,200 square feet of new flagging furnished and laid.
500 square feet of old flagging taken up and relaid.
4,900 square feet of bridge-stone for crosswalks furnished and laid.

150 cubic yards of dry rubble masonry in retaining walls and culverts.

The time allowed for the completion of the whole work will be TWO HUNDRED AND FIFTY CONSECUTIVE WORKING DAYS.

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 to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of the deposit will be returned to him.

The Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards 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 other information desired, can be obtained at this office.

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

DEPARTMENT OF PUBLIC PARKS,
Nos. 49 AND 51 CHAMBERS STREET,
NEW YORK, July 24, 1891.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR THE following-mentioned work, with the title of the work and the name of the bidder indorsed thereon, will be received by the Department of Public Parks at its offices, Nos. 49 and 51 Chambers street, until eleven o'clock A. M. on Wednesday, August 5, 1891:

FOR REGULATING AND GRADING FOR ENTRANCE AT ONE HUNDRED AND SIXTH STREET AND CENTRAL PARK WEST, AND FOR DRIVEWAY CONNECTING SAME WITH THE WEST DRIVE IN THE CENTRAL PARK.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

1,700 cubic yards of earth excavation.
6,860 cubic yards of rock excavation.

The time allowed to complete the whole work will be NINETY DAYS, and the damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at TEN DOLLARS per day.

Bidders will be required to complete the entire work to the satisfaction of the Department of Public Parks, and in substantial accordance with the specifications for the work and the plans therein referred to. No extra compensation beyond the amount payable for the several classes of work before enumerated which shall be actually performed, at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the National or State banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within ten days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

N. B.—The price must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The amount in which security will be required for the performance of the contract is \$5,000.

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received. But the contract when awarded will be awarded to the lowest bidder.

Blank forms for proposal and forms of the contract which the successful bidder will be required to execute can be had at the office of the Secretary, and the plans can be seen and information relative to them can be had at the office of the Department, Nos. 49 and 51 Chambers street.

ALBERT GALLUP,
NATHAN STRAUS,
PAUL DANA,
ABRAHAM B. TAPPEN,
Commissioners of Public Parks.

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING,
CITY OF NEW YORK,
STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, July 17, 1891.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES FOR BUILDING FIFTY DUMPING CARTS.

PROPOSALS FOR ESTIMATES FOR BUILDING Fifty Dumping Carts will be received by the Commissioner of Street Cleaning, at his office, No. 280 Broadway, Stewart Building, until 2.30 o'clock P. M., of the 10th day of August, 1891, at which time and place they will be publicly opened and read by said Commissioner.

Any person making an estimate for the above work shall furnish the same in a sealed envelope to the head of said Department of Street Cleaning, indorsed "Estimate for Building Fifty Dumping Carts," and also with the name of the person or persons presenting the same, and the date of its presentation.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal sum of FIVE THOUSAND DOLLARS.

Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1. Bidders must satisfy themselves, by personal examination as to the accuracy of the estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2. Bidders will be required to complete the entire work to the satisfaction of the Department of Street Cleaning, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of contract and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.*

Each estimate shall 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 be awarded to the person or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled on its completion, and that which said Corporation or the Department of Street Cleaning may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work to be done by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, and stated in the proposals, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the 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 security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned by the Comptroller to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him by the Comptroller.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

The Commissioner of Street Cleaning reserves the right to reject all bids received for any particular work, if he deems it for the best interest of the City.

Plans may be examined, and specifications and blank forms for bids or estimates obtained by application to the Chief Clerk, at the offices of the Department, No. 280 Broadway, New York.

H. S. BEATTIE,
Commissioner of Street Cleaning.

NOTICE.

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

HANS S. BEATTIE,
Commissioner of Street Cleaning.

AQUEDUCT COMMISSION.

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, July 11, 1891.

TO CONTRACTORS.

BIDS OR PROPOSALS FOR CONSTRUCTING a highway, retaining walls, appurtenances, etc., at Croton Dam, in the town of Yorktown, Westchester County, New York, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners, will be received at this office until 3 o'clock P. M. on Wednesday, July 29, 1891, at which place and hour they will be publicly opened by the Aqueduct Commissioners, and the award for doing said work will be made by said Commissioners as soon thereafter as possible.

Blank forms of contract and specifications for doing said work, and bids or proposals, and proper envelopes for their inclosure, can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners,
JAMES C. DUANE,
President.
JOHN C. SHEEHAN,
Secretary.

DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 390.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT SUNDRY-NAMED PLACES ON THE NORTH AND EAST RIVERS.

ESTIMATES FOR DREDGING AT SUNDRY-named places on the North and East rivers will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 2 o'clock P. M. of

THURSDAY, AUGUST 14, 1891,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

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

The bidder to whom the award is made shall give security for the faithful performance of the contract in the manner prescribed and required by ordinance in the sum of Seven Thousand Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

ON THE NORTH RIVER.

For Pier Old 54 (south side) 4,800 cubic yards.

ON THE EAST RIVER.

For Pier 20 (east side) 10,000 cubic yards.

For Pier 21 (west side) 10,500 "

For Bulkhead, between Piers 20 and 21 1,500 "

For Pier at foot East Twenty-sixth street (north side) 16,000 "

For area in front of Bulkhead-wall between East Twenty-sixth and East Twenty-eighth streets 55,000 "

For Pier at foot East Twenty-eighth street 37,000 "

Total 134,800 "

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

(1.) Bidders must satisfy themselves, by personal examination of the location of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 31st day of October, 1891, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price per cubic yard for doing such dredging in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on, until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

Each estimate shall 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 be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion, and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work to be done, by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such

check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED, IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,
J. SERGEANT CRAM,
JAMES J. PHELAN,

Commissioners of the Department of Docks.

Dated NEW YORK, July 27, 1891.

DEPARTMENT OF DOCKS,
PIER "A," BATTERY PLACE, NORTH RIVER,
NEW YORK, July 23, 1891.

MESSRS. VAN TASSELL & KEARNEY, AUCTIONEERS, will sell at public auction in the Board Room, Pier "A," Battery Place, in the City of New York, on

THURSDAY, AUGUST 6, 1891,

at one o'clock P. M., for and on account of the Department of Docks, the right to dump and fill in behind the bulkhead or river wall on the Franklin Street Section, between Harrison and Franklin streets, on the North river, when built. The right or privilege to fill in the said premises will be sold to the highest bidder, and the price for such right or privilege must be paid at the time of sale. The material to be dumped or filled in must be composed of clean ashes, sand, loam, earth, etc., or of stone; if of stone, no piece of stone must be greater than 16 inches in its largest dimensions, and all material must be dumped and filled in only at such times and places and in such manner as shall be directed by the Engineer-in-Chief of the Department of Docks, or such other officer or employee of the Department of Docks as may be designated by him, and all the work of dumping and filling in must be done under the direction of the Engineer-in-Chief or designated employee.

The estimated quantity to be filled in at the said premises is about 26,000 loads, more or less, but this quantity is approximate only, and the Department is not bound in any way by such estimate, and bidders must satisfy themselves of the quantities required to fill in at the place named by examination of the premises, or such other means as they may prefer, the intention of the Department being to fill in the whole of the said premises behind the bulkhead or river wall when it is built and ready to have filling put in behind it.

In case the party who is the highest bidder does not proceed with the work of filling in to the satisfaction of the Board of Docks, the said Board will at once proceed to have the filling in done by other parties in such way and manner as it deems proper.

The Auctioneer's fees (\$25) for filling in on the said section must be paid by the highest bidder thereon at time of sale.

EDWIN A. POST,
J. SERGEANT CRAM,
JAMES J. PHELAN,

Commissioners of the Department of Docks.
Dated NEW YORK, July 23, 1891.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 385.)

PROPOSALS FOR ESTIMATES FOR REPAIRING THE CRIB-BULKHEAD AT THE FOOT OF EAST FORTY-NINTH STREET, EAST RIVER.

ESTIMATES FOR PREPARING FOR AND removing the dumping-board at the foot of East Forty-ninth street, East river, and for preparing for and repairing the crib-bulkhead thereat, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 1 o'clock P. M. of

WEDNESDAY, JULY 29, 1891,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

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

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Five Hundred Dollars.

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

1. New Cribwork complete, including all Longitudinal Logs, Timbers, Spikes, Caps, Stone-filling, Fenders, Mooring-posts, Backing-logs, Box-drains, etc., measured from the bottom of the front cap, but excluding the floor-logs longitudinal and tie-logs, about 10,000 cubic feet.
Additional quantities not included in item 1.

	Feet, B. M., measured in the work.
2. Yellow Pine Timber, 10" x 10".....	675
" " " 10" x 11".....	3,960
" " " 10" x 10".....	200
" " " 6" x 10".....	1,500
" " " 4" x 10".....	1,600
Total.....	7,935

NOTE.—The above quantities of timber are inclusive of extra lengths required for scarfs, laps, etc., but are exclusive of waste.

3. White Pine, Norway Pine, Yellow Pine or Cypress Piles..... 48
(It is expected that these piles will have to be about 24 feet long.)

4. Round Logs, furnished to the contractor..... 2,500 linear feet.

5. Excavation of Old Cribwork, etc., about 300 cubic yards.

6. Square Wrought-iron Galvanized Dock-spikes, about..... 727 pounds.

7. Cast-Iron Pile-shoes, about..... 1,584 "

8. Oak Fender Piles, about 35 feet long..... 1

9. Labor and materials for relaying Old Pavement removed.
 10. Back-filling, about 200 square yards.
 11. Top Dressing, Gravel or Quarry Chips, about 30 cubic yards.
 12. Labor resetting Old Curb.
 13. Labor removing Old Dump, about 650 square feet.
 14. Labor removing about 15 feet Brick Sewer.
 15. Labor, Framing and Carpentry, etc.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

(1.) Bidders must satisfy themselves, by personal examination, of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the contract, or of a notification of the Engineer-in-Chief of the Department of Docks, and all the work contracted for is to be fully completed on or before the 20th day of December, 1891, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the old crib-work and the dumping-board to be removed under the contract will be relinquished to the contractor, and bidders must estimate the value of such material when considering the price for which they will do the work under this contract.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing the work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, on its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the estimated amount of the work to be done, by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith, and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall 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 his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED, IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,
J. SERGEANT CRAM,
JAMES J. PHELAN,
Commissioners of the Department of Docks.
Dated New York, July 15, 1891.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 389.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT TIMBER BASIN, SOUTH OF WEST SEVENTY-FIFTH STREET, ON THE NORTH RIVER.

ESTIMATES FOR DREDGING AT TIMBER Basin, south of West Seventy-fifth street, on the North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 1 o'clock P. M. of

WEDNESDAY, JULY 29, 1891,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

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

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of One Thousand Three Hundred Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

For Timber Basin, south of West Seventy-fifth street, North river. 25,000 cubic yards.
 Total..... 25,000 cubic yards.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

(1.) Bidders must satisfy themselves, by personal examination of the location of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 1st day of September, 1891, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price, per cubic yard, for doing such dredging done in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the estimated amount of the work to be done by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box; and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall 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 his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED, IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,
J. SERGEANT CRAM,
JAMES J. PHELAN,
Commissioners of the Department of Docks.
Dated, New York, July 14, 1891.

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, NO. 31 CHAMBERS STREET,
NEW YORK, July 27, 1891.

PUBLIC NOTICE CALLING FOR BIDS OR proposals for the privilege or license to sprinkle the public streets in the City of New York with water drawn from the public fire-hydrants, the bids to be received and opened at the office of the Commissioner of Public Works on Friday, August 7, 1891, at 12 o'clock noon.

The bidder must state the amount which he proposes and agrees to pay for the license, over and above the amount which will be charged for the water consumed in sprinkling. The amount of each bid must be paid in advance at the time when the license is issued, and the charges for water, as established by the Commissioner of Public Works, must be paid monthly in advance.

The season for sprinkling the streets shall begin not earlier than March 15, 1891, and terminate not later than November 15, 1891, and the Commissioner of Public Works reserves the right to diminish the length of the season and to suspend sprinkling during the season whenever he deems it in the interest of the City so to do.

The Commissioner of Public Works also reserves the right to reject any or all of the bids or proposals.

In the sprinkling of the streets the following rules and regulations must be observed:

1st. The tin sprinkler attached to each cart shall conform in every respect to a pattern approved by the Department of Public Works, the holes to be in parallel rows, at least one-half inch apart, and of a size not to exceed No. 14 wire.

2d. The name and residence of each person licensed to sprinkle the streets shall be painted on both sides of the cask in black letters of not less than two inches in length on a white ground.

3d. Permits for sprinkling carts, if driven by boys, will be immediately revoked.

4th. No license will be granted to any person not a resident of the City and County of New York.

5th. Each sprinkling cart shall be provided with a sound and proper piece of hose to conduct the water from the fire-hydrant to the cart, and such hose shall always be kept in order and free from leaks.

6th. Each person obtaining a permit for sprinkling shall keep the hydrants allotted to his use closed, except when obtaining water for use, and shall be responsible for any damage that may result from the use or abuse of them while in their charge; provided such damage shall not have been occasioned by others than those in the employ of said persons.

7th. Any person who shall thus obtain a permit shall pay to the Department of Public Works such sum or price as may be fixed by the Department for the water used during the season for sprinkling; the payments to be made monthly in advance and within the first week of each month.

8th. Each person obtaining a permit will be required to sprinkle the streets with sufficient water only to lay the dust; drenching the streets with an excessive quantity of water will be sufficient cause to revoke any permit or license.

9th. Every person who shall obtain a sprinkling permit will be required to confine himself strictly to his route; encroaching on other routes will not be permitted.

10th. No double-nozzle hydrants shall be used.

11th. Any licensee violating any of the above rules and regulations will, at the discretion of the Commissioner of Public Works, have his license revoked, and will forfeit all moneys paid by him on account of the same.

No bid 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 Commissioner of Public Works, or money to the amount of one hundred dollars (\$100) as security for compliance with the conditions of the license. Such check or money must not be inclosed in the sealed envelope containing the bid, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no bid 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 license is awarded. If the successful bidder shall refuse or neglect, within five days after the license 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 license within the time aforesaid, the amount of the deposit will be returned to him.

The following is a description of the route for which proposals will be received:

ROUTE NUMBER 15.

Grand street, Bowery to East river.
 Blank forms of bid or estimate, the proper envelopes in which to inclose the same, and any further information desired, can be obtained from Joseph Riley, Water Register, Room 2, 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, July 22, 1891.

CROTON WATER RATES.

NOTICE IS HEREBY GIVEN THAT ACCORDING to law five per cent. will be added on the 1st of August 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, 1891.

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 thereafter liable to be assessed as above provided, and thereupon the owner of such lot, his heirs and assigns shall thenceforth be relieved from any obligation to pave, repair, uphold or maintain said street, and the lot in respect of which such notice was given shall be liable to assessment accordingly.

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

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

THOS. F. GILROY,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
BUREAU OF WATER REGISTER,
NO. 31 CHAMBERS STREET, ROOM 2,
NEW YORK, May 1, 1891.

CROTON WATER RATES.

NOTICE IS HEREBY GIVEN THAT THE annual Water Rates for 1891 are now due and payable at this office.

THOMAS 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 that part of WENDOVER AVENUE (although not yet named by proper authority), extending from Webster avenue to Third avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

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, at the City Hall in the City of New York, on the 10th day of August, 1891, 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, July 27, 1891.

LEONARD J. LANGBEIN,
WILLIAM J. LACEY,
HIRAM D. INGERSOLL,
Commissioners.

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 THIRTY-FIFTH STREET (although not yet named by proper authority), from Convent avenue to Avenue St. Nicholas, in the Twelfth Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at the Chambers thereof in the County Court-house, in the City of New York, on the 20th day of August, 1891, at the opening of the Court on that day, or as soon thereafter as counsel can be heard, 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 One Hundred and Thirty-fifth street, from Convent avenue to Avenue St. Nicholas, in the Twelfth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.: Beginning at a point in the easterly line of the new avenue known as Convent avenue distant southerly, as measured along the easterly line of said avenue, four hundred and sixty and twenty-three one-hundredths (460 23/100) feet from the southerly line of One Hundred and Thirty-seventh street; thence easterly and parallel with said street and distant four hundred and fifty-nine and sixty-six one-hundredths (459 66/100) feet southerly therefrom, distance eight hundred and ten and ninety one-hundredths (810 90/100) feet, passing through the new avenue to be known as St. Nicholas Terrace to the westerly line of Avenue St. Nicholas; thence southerly along said westerly line, distance forty and fifty-six one-hundredths (40 56/100) feet; thence westerly and parallel with One Hundred and Thirty-seventh street, distance four hundred and seventy-three and seventy-six one-hundredths (473 76/100) feet, to the easterly line of the new avenue to be known as St. Nicholas Terrace; thence southerly along said easterly line, distance twenty (20) feet; thence westerly and across the said new avenue and parallel with One Hundred and Thirty-seventh street to the easterly line of the new avenue to be known as Convent avenue, distance three hundred and sixty-two and fifty-seven one-hundredths (362 57/100) feet; thence northerly along said easterly line and in a curved line, radius three hundred and seventy-five (375) feet, distance sixty-two and ninety-two one-hundredths (62 92/100) feet, to the point or place of beginning.

And as shown on certain maps filed by the Board of Street Opening and Improvement in the office of the Counsel to the Corporation and in the office of the Department of Public Works.

Dated New York, July 23, 1891.

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

In the matter of the application of the Department of Public Works and of the Counsel to the Corporation, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to the opening of MANHATTAN STREET, in a westerly direction from Twelfth Avenue to the established bulkhead-line in the Hudson river, as said street was laid out and extended by chapter 523 of the Laws of 1881, passed June 15, 1881.

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, at the City Hall, in the City of New York, on the 4th day of August, 1891, 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, July 22, 1891.

CHARLES H. HASWELL,
THOMAS J. MILLER,
BERNARD CASSELY,
Commissioners.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to 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.

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 Saturday, the 15th day of August, 1891, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue, known as Intervale Avenue, extending from the Southern Boulevard to Wilkins place, in the Twenty-third Ward, in the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

PARCEL A.

Beginning at a point in the southern line of Westchester Avenue, distant 1,542.63 feet southwesterly from the intersection of southern line of Westchester Avenue with the western line of Southern Boulevard;

- 1st. Thence southwesterly along the southern line of Westchester Avenue for 121.54 feet;
- 2d. Thence southerly, deflecting $55^{\circ} 21' 45''$ to the left for 339.14 feet;
- 3d. Thence southeasterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 858.68 feet, for 340.73 feet;
- 4th. Thence southeasterly on a line tangent to the preceding course for 96.80 feet;
- 5th. Thence southerly, curving to the right on the arc of a circle tangent to the preceding course whose radius is 170 feet, for 158.05 feet to the western line of the Southern Boulevard;
- 6th. Thence northeasterly along the western line of the Southern Boulevard for 179.28 feet;
- 7th. Thence northwesterly, deflecting $60^{\circ} 22' 18''$ to the left for 1,007.45 feet;
- 8th. Thence northwesterly, curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 521.28 feet, for 206.85 feet;
- 9th. Thence northerly for 507.70 feet to the point of beginning.

PARCEL B.

Beginning at a point in the southern line of East One Hundred and Sixty-ninth Street, distant 708.17 feet westerly from the most eastern point in the southern line of East One Hundred and Sixty-ninth Street;

- 1st. Thence westerly along the southern line of East One Hundred and Sixty-ninth Street for 100.00 feet;
- 2d. Thence southerly, deflecting $90^{\circ} 19' 47''$ to the left, for 453.88 feet;
- 3d. Thence southerly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 765.8 feet, for 475.42 feet;
- 4th. Thence southerly, on a line tangent to the preceding course, for 1,360.02 feet to the northern line of Westchester Avenue;
- 5th. Thence northeasterly along the northern line of Westchester Avenue for 121.54 feet;
- 6th. Thence northerly, deflecting $55^{\circ} 21' 44''$ to the left, for 1,390.94 feet;
- 7th. Thence northerly, curving to the right on the arc of a circle tangent to the preceding course, whose radius is 665.8 feet, for 413.24 feet;
- 8th. Thence northerly for 453.30 feet to the point of beginning.

PARCEL C.

Beginning at a point in the northern line of East One Hundred and Sixty-ninth Street, distant 763.91 feet westerly from the most eastern point in the northern line of East One Hundred and Sixty-ninth Street;

- 1st. Thence westerly along the northern line of East One Hundred and Sixty-ninth Street for 100 feet;
- 2d. Thence northerly, deflecting $89^{\circ} 40' 12.3''$ to the right, for 872.54 feet;
- 3d. Thence northerly, deflecting $22^{\circ} 58' 10.8''$ to the left, for 776.59 feet;
- 4th. Thence southerly, deflecting $149^{\circ} 13' 26.7''$ to the right, for 195.43 feet;
- 5th. Thence southerly, deflecting $30^{\circ} 40' 33.3''$ to the right, for 628.99 feet;
- 6th. Thence southerly for 803.44 feet to the point of beginning.

Intervale Avenue is designated a street of the first class.

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, July 21, 1891.

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

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

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Tuesday, the 11th day of August, 1891, at the opening of the Court on

that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Lowell Street, extending from Third Avenue to Rider Avenue, in the Twenty-third Ward in the City of New York, as the same has been heretofore laid out, and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A."

Beginning at a point in the eastern line of Rider Avenue, distant 226.3 feet southwesterly from the intersection of the eastern line of Rider Avenue with the southern line of East One Hundred and Forty-second Street;

- 1st. Thence southwesterly along the eastern line of Rider Avenue for 56.58 feet;
- 2d. Thence southeasterly, deflecting $62^{\circ} 05' 40''$ to the left, for 265.49 feet, to the western line of that part of Morris Avenue which is 80 feet wide;
- 3d. Thence northeasterly along the western line of Morris Avenue for 56.222 feet;
- 4th. Thence northwesterly for 266.27 feet to the point of beginning.

PARCEL "B."

Beginning at a point in the western line of Third Avenue, distant 200 feet southwesterly from the intersection of western line of Third Avenue with the southern line of East One Hundred and Forty-second Street;

- 1st. Thence southwesterly along the western line of Third Avenue for 50 feet;
- 2d. Thence northwesterly, deflecting 90° to the right for 83.46 feet, to the western line of Morris Avenue;
- 3d. Thence northeasterly along the eastern lines of Morris and College Avenues for 34.23 feet;
- 4th. Thence southeasterly for 401 feet to the point of beginning.

Lowell Street is designated a street of the first class, and is 50 feet wide.

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

Dated NEW YORK, July 11, 1891.

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

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to FOREST AVENUE, extending from the southerly side of Home Street to the northerly side of East One Hundred and Sixty-eighth Street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

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, in said City, on or before the first day of September, 1891, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said first day of September, 1891, 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 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 second day of September, 1891.

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 the point of intersection of the easterly side of Boston Road and the centre line of the block between East One Hundred and Sixty-eighth and East One Hundred and Sixty-ninth Streets; running thence easterly along the centre line of the blocks between East One Hundred and Sixty-eighth and East One Hundred and Sixty-ninth Streets to the centre line of the blocks between Tinton and Union Avenues; thence southerly along said centre line of the blocks between Tinton and Union Avenues to the centre line of the blocks between Home and George Streets; thence westerly along the centre line of the blocks between Home and George Streets to the centre line of the blocks between Forest and Tinton Avenues; thence southerly along the centre line of the blocks between Forest and Tinton Avenues to the centre line of the blocks between George and East One Hundred and Sixty-fifth Streets; thence westerly along the centre line of the blocks between George and East One Hundred and Sixty-fifth Streets to the centre line of the blocks between Forest and Jackson Avenues; thence northerly along the centre line of the blocks between Forest and Jackson Avenues to the centre line of the block between George and Home Streets; thence westerly along the last mentioned centre line to the centre line of Jackson Avenue; thence northerly along the centre line of Jackson Avenue to the easterly side of Boston Road; thence northeasterly along the easterly side of Boston Road 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 fifteenth day of September, 1891, 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, July 20, 1891.

JAMES MITCHELL, Chairman,
JOHN H. ROGAN,
LEICESTER HOLME,
Commissioners.
JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, to acquire title to certain lands required for a Public Park at or near Corlears Hook, in the Seventh Ward of the City of New York.

PURSUANT TO THE PROVISIONS OF CHAP-ter 529 of the Laws of 1884, and of all other statutes in such case 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 the Chambers thereof in the County Court-house in the City of New York, on the 4th day of August, 1891, at the opening of the Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioner of Estimate and Assessment in the above-entitled matter, in the place and stead of Henry A. Gildersleeve, resigned.

The nature and extent of the improvement intended to be effected by the prosecution of the above entitled proceeding is the acquisition of title in the name and on behalf of the Mayor, Aldermen and Commonality of the City of New York for the use of the public to all of the lands and premises with the buildings thereon and the appurtenances thereto belonging and required for a Public Park at or near Corlears Hook, in the Seventh Ward of the City of New York being the following described lots, pieces or parcels of land, namely:

Beginning at the corner formed by the intersection of the easterly line of Jackson Street with the southerly line of Cherry Street; running thence easterly along said southerly side of Cherry Street, five hundred and seventy-five feet to the corner formed by the intersection of the said side of Cherry Street with the westerly side of Corlears Street; thence southerly and along said westerly side of Cherry Street, crossing Water, Front and a portion of South Streets, six hundred and thirty feet, more or less, to a line parallel with and distant one hundred feet northerly from the bulkhead or water-front established by the Board of the Department of Docks, and adopted by the Commissioners of the Sinking Fund in the City of New York, under and pursuant to the provisions of section 6, chapter 574 of the Laws of 1871; thence westerly and along said line so distant one hundred feet northerly from the said water-front five hundred and seventy-five feet to a point thereon formed by the intersection therewith of the easterly side of Jackson Street, extending in a southerly direction to said point of intersection; thence northerly and along said easterly side of Jackson Street, crossing a portion of South, Front and Water Streets, six hundred and thirty feet, more or less, to the corner formed by the intersection therewith of the said southerly side of Cherry Street, at the point or place of beginning.

Dated NEW YORK, July 11, 1891.

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

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

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved 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 fifteenth day of August, 1891, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said fifteenth day of August 1891, and for that purpose will be in attendance at our said office on each of said ten days at three 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 seventeenth day of August, 1891.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the centre line of the blocks between Tremont Avenue and Woodruff Street prolonged easterly to the centre line of the Bronx River; easterly by the centre line of the Bronx River; southerly by a line parallel to Woodruff Street and distant 400 feet therefrom; westerly by the easterly line of the Southern Boulevard, 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 28th day of August, 1891, 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, July 3, 1891.

JAMES MITCHELL, Chairman,
JOHN A. DEADY,
WILLIAM A. WOODHULL,
Commissioners.

JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CAULDWELL AVENUE (although not yet named by proper authority), extending from Boston Road to East One Hundred and Sixty-third Street, and from Clifton Street to Westchester 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 11th day of August, 1891, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said 11th day of August, 1891, 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 12th day of August, 1891.

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 the point of intersection of the centre line of the blocks between Boston Road and Franklin Avenue with the prolongation westerly of the centre line of the blocks between Home Street and East One Hundred and Sixty-eighth Street; thence easterly along said centre line prolonged of the blocks between Home Street and East One Hundred and Sixty-eighth Street to its intersection with the centre line of the blocks between Forest and Tinton Avenues; thence southerly along said centre line of the blocks between Forest and Tinton Avenues to the northerly side of Westchester Avenue; thence southwesterly along said northerly side of Westchester Avenue to its intersection with the prolongation northerly of the centre line of the blocks between Robbins and Concord Avenues; thence southerly along said centre line prolonged of the blocks between Robbins and Concord Avenues to the northerly side of East One Hundred and Forty-ninth Street; thence westerly along said northerly side of East One Hundred and Forty-ninth Street to its intersection with a line drawn parallel to Eagle Avenue and about ninety feet distant from the westerly side thereof; thence northerly along the last mentioned line to the point of intersection of the northerly side of Westchester Avenue with the centre line of the blocks between Eagle and St. Ann's Avenues; thence northerly along said centre line of the blocks between Eagle Avenue and St. Ann's Avenues to its point of intersection with the centre line of the block between Teasdale Place and East One Hundred and Sixty-third Street; thence easterly along the last mentioned centre line to its point of intersection with a line drawn parallel to Cauldwell Avenue and distant about two hundred and forty feet from the westerly side thereof; thence northerly along the last mentioned line to its point of intersection with the centre line of the blocks between Boston Road and Franklin Avenue; thence northeasterly along the said centre line between Boston Road and Franklin Avenue 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 26th day of August, 1891, 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, July 1, 1891.

EDWARD JACOBS, Chairman,
ELLSWORTH L. STRYKER,
CHARLES D. BURRILL,
Commissioners.

JOHN P. DUNN, Clerk.

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

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 fifteenth day of July, 1891, and that we, the said Commissioners, will hear parties so objecting within ten week days next after the said fifteenth day of July, 1891, 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 sixteenth day of July, 1891.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Northerly by the centre line of the block between East One Hundred and Thirty-eighth Street and East One Hundred and Thirty-ninth Street; easterly by the centre line of the blocks between Walnut Avenue and Willow Avenue, prolonged southerly to the United States Channel Line in the Bronx Kills; southerly by the United States Channel Line in the Bronx Kills; westerly by the centre line of the blocks between Cypress Avenue and Willow Avenue, from the United States Channel Line in the Bronx Kills to the centre line of East One Hundred and Thirty-fourth Street; thence northerly by the last-mentioned centre line to the centre line of the blocks between Willow Avenue and the Southern Boulevard, prolonged southerly at right angles to the northerly line of East One Hundred and Thirty-fourth Street; thence westerly by the centre line of the blocks between Willow Avenue and the Southern Boulevard, prolonged northerly to the centre line of the block between East One Hundred and Thirty-eighth Street and East One Hundred and Thirty-ninth Street; 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 Chamber thereof, in the County Court-house, in the City of New York, on the thirty-first day of July, 1891, 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, June 6, 1891.

JAMES J. PHELAN, Chairman,
JAMES OLIVER,
SIDNEY HARRIS,
Commissioners.

JOHN P. DUNN, Clerk.

THE CITY RECORD.

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W. J. K. KENNY,
Supervisor.