

# THE CITY RECORD.

## OFFICIAL JOURNAL.

VOL. XXV.

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NUMBER 7,288.

### DEPARTMENT OF DOCKS.

Twenty-sixth Annual Report for the Year ending April 30, 1896.

DEPARTMENT OF DOCKS, PIER "A," BATTERY PLACE, NORTH RIVER, NEW YORK, December 21, 1896. To the Honorable WILLIAM L. STRONG, Mayor of the City of New York: SIR—The Department of Docks, in pursuance of section 719 of chapter 410, Laws of 1882, has the honor to present its Annual Report for the year commencing May 1, 1895, and ending April 30, 1896, as disclosed by the records of this Department, containing: "1st. The name, occupation and compensation of all persons appointed and employed by said Department. 2d. A statement of the action of the Board for the past year, classified with reference to the various subjects and duties which have engaged the attention of the Board. 3d. A list of the orders and rules made by said Board and a description of the contracts made by said Department, the payments made by said Department and the purposes and amounts thereof; and the leases made by said Department, for what term, at what rent, to whom and for what property."

Very respectfully,

EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners.

GEO. S. TERRY, Secretary.

### FIRST.

The following is a list of all persons appointed and employed by the Board, showing the name, occupation and compensation of each, respectively:

#### Commissioners' Office.

NAME.	POSITION.	RESIDENCE.	SALARY.
EDWARD C. O'BRIEN . . . . .	Commissioner (President) . . . . .	Windsor Hotel . . . . .	\$5,000 00
EDWIN EINSTEIN . . . . .	" (Treasurer) . . . . .	Buckingham Hotel . . . . .	5,000 00
JOHN MONKS . . . . .	" . . . . .	139 West 121st street . . . . .	5,000 00
Geo. S. Terry . . . . .	Secretary . . . . .	68 West 10th street . . . . .	3,600 00
Charles J. Farley . . . . .	Assistant Secretary . . . . .	562 Park avenue . . . . .	2,200 00
John M. Phelan . . . . .	Chief Clerk . . . . .	451 East 119th street . . . . .	2,700 00
James Weir . . . . .	Apportionment Clerk . . . . .	Staten Island . . . . .	2,400 00
Adna G. Bowen . . . . .	Executive and Confidential Clerk . . . . .	101 Waverley place . . . . .	2,200 00
Charles F. Friedman . . . . .	Clerk to the Treasurer . . . . .	36 East 73d street . . . . .	2,000 00
Louis S. Kellogg . . . . .	Clerk . . . . .	341 West 34th street . . . . .	1,500 00
Edwin A. Gregory, Jr. . . . . .	" . . . . .	386 Manhattan avenue . . . . .	1,500 00
Daniel D. Barry . . . . .	" . . . . .	500 West 157th street . . . . .	1,200 00
William C. Johnson . . . . .	Stenographer and Typewriter . . . . .	40 South Washington Sq. . . . .	1,500 00
Richard B. Ross . . . . .	Stenographer and Typewriter . . . . .	422 West 52d street . . . . .	1,000 00
William Lansing, Jr . . . . .	Collector . . . . .	63 West 50th street . . . . .	1,200 00
Robert Gere . . . . .	" . . . . .	119 Locustville avenue, Yonkers . . . . .	1,200 00
Edward S. Atwood . . . . .	Dock Superintendent . . . . .	261 West 34th street . . . . .	2,500 00
James J. Fleming . . . . .	Dock Master . . . . .	64 East 12th street . . . . .	1,500 00
Henry A. Palmstine . . . . .	" . . . . .	109 West 132d street . . . . .	1,500 00
Charles A. Groth . . . . .	" . . . . .	393 St. Nicholas avenue . . . . .	1,500 00
Martin Mauer . . . . .	" . . . . .	666 Sixth avenue . . . . .	1,500 00
Thomas E. Booth . . . . .	" . . . . .	349 East 118th street . . . . .	1,500 00
Thomas Lusk . . . . .	" . . . . .	303 East 86th street . . . . .	1,500 00
Edward Abeel . . . . .	" . . . . .	1006 Bergen st., Brooklyn . . . . .	1,500 00
L. Hitch Harrison . . . . .	" . . . . .	108 Hudson street . . . . .	1,500 00
De Witt C. Wheeler . . . . .	" . . . . .	Morton House . . . . .	1,500 00
William H. Rockwell . . . . .	" . . . . .	124 West 78th street . . . . .	1,500 00
Gerard Bancker . . . . .	" . . . . .	350 West 23d street . . . . .	1,500 00
Rufus Darrow, Jr . . . . .	" . . . . .	308 West 91st street . . . . .	1,500 00
William J. Matthews . . . . .	" . . . . .	670 Ninth avenue . . . . .	1,500 00
Thomas P. Walsh . . . . .	" . . . . .	48 Madison street . . . . .	1,500 00
John Clark . . . . .	" . . . . .	243 West 143d street . . . . .	1,500 00
William H. Burns . . . . .	" . . . . .	681 Lexington avenue . . . . .	1,500 00
Thomas F. Geary . . . . .	" . . . . .	162 Hester street . . . . .	1,500 00
Theodore Katz . . . . .	" . . . . .	30 First street . . . . .	1,500 00
Thomas C. Carroll . . . . .	Cleaner . . . . .	158 East 48th street . . . . .	Per mo. 75 00
Mary Dowling . . . . .	" . . . . .	58 Gansevoort street . . . . .	" 45 00
Catharine Lyons . . . . .	" . . . . .	40 Cliff street . . . . .	" 45 00
Jacob Bauer . . . . .	Janitor . . . . .	160 East Broadway . . . . .	" 83 33

#### Construction, Repairs and Cleaning.

G. S. Greene, Jr . . . . .	Engineer-in-Chief . . . . .	24 East 42d street . . . . .	\$6,000 00
William H. Burr . . . . .	Board of Consulting Engineers . . . . .	161 West 74th street . . . . .	\$25 per day, while employed.
George S. Morrison . . . . .	" . . . . .	Chicago, Ill. . . . .	
William P. Craighill . . . . .	" . . . . .	Washington, D. C. . . . .	
A. McC. Parker . . . . .	First Assistant Engineer . . . . .	35 West 119th street . . . . .	\$4,000 00
S. W. Hoag, Jr . . . . .	Assistant Engineer . . . . .	1718 Madison avenue . . . . .	2,700 00
Godfrey F. Farley . . . . .	" . . . . .	41 West 31st street . . . . .	2,400 00
Allen N. Spooner . . . . .	" . . . . .	Jersey City, N. J. . . . .	Per mo. 165 00
William S. White . . . . .	" . . . . .	Englewood, N. J. . . . .	" 150 00
John M. Stewart . . . . .	" . . . . .	336 West 50th street . . . . .	" 150 00
George A. Button . . . . .	" . . . . .	340 . . . . .	" 125 00
C. W. Staniford . . . . .	Assistant Surveyor . . . . .	Brooklyn, N. Y. . . . .	" 175 00
Harvey Farrington . . . . .	Assistant . . . . .	Croton-on-Hudson . . . . .	1,600 00
J. Garnet Basinger . . . . .	Computer . . . . .	Staten Island, N. Y. . . . .	1,200 00
Robert M. Kid . . . . .	Draughtsman . . . . .	Newark, N. J. . . . .	Per mo. 125 00
John A. Duntze . . . . .	" . . . . .	170 West 97th street . . . . .	" 100 00
William G. Johnson . . . . .	" . . . . .	Brooklyn, N. Y. . . . .	" 100 00
Nicholas J. Van der Weyde . . . . .	" . . . . .	173 West 83d street . . . . .	1,200 00
Alexander M. Goge . . . . .	" . . . . .	926 Madison avenue . . . . .	1,100 00
B. S. Wever . . . . .	(Topographical) . . . . .	Staten Island, N. Y. . . . .	1,500 00
Edward Gottschal . . . . .	Searcher of Water Grants . . . . .	183 East 116th street . . . . .	2,400 00
David F. McCarthy . . . . .	Superintendent of Repairs . . . . .	2323 Seventh avenue . . . . .	2,500 00
John J. Herrick . . . . .	Superintend't of Machinery . . . . .	105 West 129th street . . . . .	1,500 00
Joseph Canning . . . . .	Foreman of Ship Carpenters . . . . .	253 West 126th street . . . . .	1,500 00
Robert M. Sterritt . . . . .	Foreman W. 57th St. Yard . . . . .	Williamsbridge, N. Y. . . . .	1,200 00
Henry C. Freeman . . . . .	Clerk to Engineer-in-Chief . . . . .	Brooklyn, N. Y. . . . .	2,000 00
Joseph Thompson . . . . .	Clerk . . . . .	126 West 83d street . . . . .	1,500 00
Lucius C. Higgins . . . . .	" . . . . .	Bayonne, N. J. . . . .	1,500 00
Perthold Sommer . . . . .	" . . . . .	422 East 50th street . . . . .	1,500 00
David H. Lane . . . . .	Clerk of Floating Property . . . . .	Williamsbridge, N. Y. . . . .	1,200 00
Robert F. Aram . . . . .	Apportionment Clerk . . . . .	514 West 48th street . . . . .	1,200 00
John W. Ingalls . . . . .	Clerk to General Repairs . . . . .	400 West 58th street . . . . .	1,200 00
Thomas B. Boone . . . . .	Clerk . . . . .	Brooklyn, N. Y. . . . .	900 00
Patrick O'Sullivan . . . . .	" . . . . .	442 West 56th street . . . . .	900 00
Charles J. Collins . . . . .	" . . . . .	333 East 18th street . . . . .	1,200 00
Daniel J. Hogan . . . . .	" . . . . .	475 Pearl street . . . . .	900 00
Thomas P. T. Nash . . . . .	Copyist from Manuscript . . . . .	147 East 33d street . . . . .	1,200 00
Thomas E. Foran . . . . .	" . . . . .	516 West 50th street . . . . .	1,000 00
Francis J. Ryan . . . . .	" . . . . .	121 Bank street . . . . .	1,200 00
Patrick H. Bird . . . . .	Stenographer and Typewriter . . . . .	254 Tenth avenue . . . . .	1,200 00
William E. Bailey . . . . .	Stenographer and Typewriter . . . . .	1048 Fifth avenue . . . . .	900 00
John T. Guy . . . . .	Temporary Stenographer and Typewriter . . . . .	335 East 18th street . . . . .	900 00
Charles W. Johnson . . . . .	Temporary Stenographer and Typewriter . . . . .	304 Amsterdam avenue . . . . .	900 00

Effingham V. Smith . . . . .	Timekeeper . . . . .	57 West 17th street . . . . .	\$1,200 00
Frederick Lange . . . . .	Stationery . . . . .	226 East 112th street . . . . .	1,500 00
J. Frank Johnson . . . . .	Custodian and Messenger . . . . .	510 Manhattan avenue . . . . .	1,500 00
Chandler Davis . . . . .	Transitman . . . . .	30 East 39th street . . . . .	1,500 00
John T. Hilton . . . . .	" . . . . .	347 West 25th street . . . . .	1,500 00
Eugene Lentilhon . . . . .	" . . . . .	36 West 11th street . . . . .	1,500 00
J. W. Balet . . . . .	Leveler . . . . .	307 East 14th street . . . . .	1,200 00
William H. Cherry . . . . .	" . . . . .	59 Gouverneur street . . . . .	1,000 00
William H. McDonald . . . . .	" . . . . .	Staten Island . . . . .	900 00
Hiram C. Calkins . . . . .	Hydrographer . . . . .	Fordham, N. Y. . . . .	1,500 00
John T. L. Doughty . . . . .	" . . . . .	Kingsbridge, N. Y. . . . .	1,200 00
James J. White . . . . .	" . . . . .	313 Henry street . . . . .	1,200 00
H. C. De Lano . . . . .	" . . . . .	101 Waverley place . . . . .	1,200 00
William J. F. Sullivan . . . . .	Sounder . . . . .	201 East 114th street . . . . .	1,200 00
William H. Carmar . . . . .	" . . . . .	345 West 12th street . . . . .	1,200 00
Iver Petersen . . . . .	Scowman (Foreman) . . . . .	69 Fifty-fifth st., Brooklyn . . . . .	Per wk., 15 00
Ole Olsen . . . . .	" . . . . .	439 West 49th street . . . . .	" 20 00
Charles E. Beck . . . . .	" . . . . .	744 Driggs ave., Brooklyn . . . . .	" 15 00
Jeremiah Collins . . . . .	" . . . . .	1318 Second avenue . . . . .	" 15 00
James Van Houten . . . . .	" . . . . .</		

John Bruton	Stonecutter and Mason	262 Avenue B.	Per hour, \$0 50	Phillip Coffee, Harris Cohen, Nathan Cohen, William J. Colby, John Colleton, \$75 per month ; John Collins, Joseph Connors, Thomas Cooney, Nicholas Cornell, Jr., John Costello, Matthew Coughlin, Thomas F. Creegan, Jeremiah Crowley, John Cuff, Bernard Cummings, Michael Cunningham, Patrick Cunningham.
John Carroll		217 West Houston street.	" 50	Charles J. Daly, Patrick Davin, William R. Davis, John Deegan, Thomas Dermody, John Deutsch, Frank Devine, John Devine, Jacob Dexheimer, Robert Dolan, James Doonan, Daniel Dougherty, George Dougherty, Nicholas Doyle, Patrick Doyle, Max Drucker, \$75 per month ; Michael Duggan.
John Baldwin		24 Broome street.	" 50	Louis Eberlein.
Owen McCabe		326 East 33d street.	" 50	James P. Fallon, George Farley, James Farley, No. 1, James Farley, No. 2, William J. Fay, \$75 per month ; James Feeley, Conrad Ferber, James Fisher, John Fitzgerald, \$17.50 per week ; Michael Fitzgibbons, Matthew Foley, John Foy, Patrick J. Fullam.
Andrew Foster		312 East 46th street.	" 50	James M. Gaffney, Louis Gairing, James Garvin, Patrick Geraghty, Martin Gerraty, Julius Gerson, Bernard P. Gibney, \$75 per month ; John Gillen, No. 1, John Gillen, No. 2, John Gilmore, Adolph Glickman, William Goldthwaite, Edward Greenen, James Griffin, No. 1, Martin Griffin, Patrick Griffin, James F. Guilfoyle, William Gunn.
Edward D. Saunders		309 West 142d street.	" 50	James Haggerty, John Haggerty, John Hanifin, Adolph Harbert, James Hartney, John Hauck, Frederick Haynes, Patrick Heagney, John Healy, William Hennessey, John Herwig, John Higgins, Michael Holahan, John Horrigan, George Horstman, Henry A. Howland, Thomas J. Hughes, Freeman F. Huntington.
Michael McCourt		537 Ninth avenue.	" 50	David H. Johnston, John Jones.
Patrick Byrnes		2451 Third avenue.	" 50	Christian Kaefer, Thomas J. Kearney, James E. Keating, Joseph Keating, John J. Keeffe, William Kelleghan, Thomas F. Kelliher, Charles H. Kelly, Patrick Kelly, Patrick H. Kelly, Terence Kelly, Edward A. Kennedy, Frank Kennedy, James Kennedy, John Kennedy, Owen Kettle, John Kiernan, William Kiesler, Charles G. G. King, \$75 per month ; Thomas King, John H. Kuntz.
Robert L. Humphreys		319 Tenth avenue.	" 50	Gottlieb Lang, Thomas J. Larkin, Joseph Loughlin, William Lowrie, Daniel Lynch.
Thomas P. Dunn		2037 Third avenue.	" 50	John McBride, James McCabe, James McCann, Thomas McCarthy, Andrew McCormack, Richard McCullagh, Thomas McCullagh, Edward McDonald, James J. McDonald, Thomas McElroy, \$15 per week ; John McGrath, Hugh McGuire, John McKenna, Martin McLean, Thomas McLoughlin, Thomas McMahon, Patrick McNulty, Robert McVey, James Mackin, Daniel Maguire, Michael Mahon, Daniel Mahoney, Patrick Mahoney, Peter Mahoney, Jacob Marks, George Meade, Michael Meade, Jacob Miller, Frederick G. Milligan, James R. Misk, James Mitchell, John J. Molloy, James Monaghan, Charles F. Moore, \$75 per month ; John Moroney, Daniel Morrison, Wright Morton, Frank Moss, Thomas C. Mulcaire, Stephen Mullins, Daniel Murnene, Charles Murphy, George Murphy, James F. Murray, Michael Murray, James Murtagh.
Thomas Crosby		509 East 81st street.	" 50	Michael Noonan, Patrick Nulty.
Edward J. McCann		617 East 6th street.	" 50	Edward O'Brien, James E. O'Brien, John O'Brien, No. 1, John O'Brien, No. 2, Bartholomew O'Connor, John J. O'Connor, Patrick O'Dwyer, Michael O'Flynn, James O'Grady, Michael O'Keeffe, James Oliver, Daniel O'Neill, Jeremiah O'Neill, John O'Neill, John J. O'Neill, John O'Rourke.
William H. Rose	Engineman	227 West 143d street.	Per wk., 21 00	Philip Packenham, Merwin J. Page, Michael Pettit, George Pfanner, Adam Piesel.
Robert Kyles		208 West 60th street.	Per hour, 45	William Quinn, John J. Quinn, \$75 per month.
Dennis F. Eagan		402 West 13th street.	" 35	Bernard Rafferty, George Rafferty, Lawrence Redmond, Thomas Redmond, James Reid, Bernard Reilly, James Reilly, No. 1, James Reilly, No. 2, John Reilly, Jacob Reisert, Henry Rengstorff, Patrick Reynolds, John Ritchie, Arnold Rogers, Joseph Rubsam, Frank Russo, William Ryan.
William J. Brennan		14 Carmine street.	" 35	Henry Schafer, Hyman Schlick, George Scheffler, Solomon Schiff, Frederick Schniedrum, Christopher Schrout, Adolph Severyn, George W. Shaffer, Peter Shaw, Michael Sheehan, Timothy Sheehan, Thomas H. Spooner, George Springer, Daniel Sullivan, Dennis Sullivan, Luke Sweeney.
George A. Shevlin		313 East 37th street.	" 35	James Talbot, Frederick Terhune, Henry Thomas, James L. Thompson, Elisha Tracy, Joseph Trainor, Chester P. Travers, George Tremper, George Twohy.
William P. Baker		739 Eighth avenue.	" 35	Emanuel Wallach, Pierce Walsh, James A. White, Jeremiah Wholey, Willis M. Wilbur, \$17.50 per week ; Joseph Williams, Frederick Woelfl, Charles H. Wolf, Louis Walters.
John J. Givnan		314 East 52d street.	" 35	Total number of Laborers..... 274
Alfred J. Mayer		3 West 135th street.	" 35	Total number of Dock Builders..... 76
Montraville M. Smith		227 East 128th street.	" 35	Total number of employees, exclusive of Laborers and Dock Builders..... 233
Zephemiah C. Smith		8 West 134th street.	" 30	Total..... 583
Isaac B. Maslin		227 East 128th street.	" 35	
John Canavan		392 East 10th street.	" 35	N. B.—Persons employed by the hour are paid only for the time they are actually employed.
John O'Connell		334 East 117th street.	" 35	SECOND—A STATEMENT OF THE ACTION OF THE BOARD FOR THE PAST YEAR.
William T. Hall		301 West 147th street.	" 35	REVENUES AND EXPENDITURES.
George F. Lange		226 East 112th street.	" 35	The total gross revenue of the Department from leased wharves and wharfage for the year ending April 30, 1896, amounted to \$2,021,698.47, not including the sum of \$342,685.09, collected by the Finance Department for the rent of ferries, etc., which amount properly constitutes a portion of the revenue derived by the City for the use of its water-front. The total annual expenditures during the same period were \$760,050.14. Of this amount \$410,314.34 was expended for the work of construction, and \$54,428.82 was paid for wharf property ; the sum of \$223,998.61 was spent in repairs, while the general expenses of the Department amounted to \$71,308.37.
James Hennessey		965 Park avenue.	" 35	LEASES AND PERMITS GRANTED BY THE BOARD.
John R. Grant, Jr.		451 West 44th street.	" 35	A description of the leases and permits for wharf property and land under water is contained in the rent-roll accompanying this report, together with the name of the lessee or occupant, a description of the property, the term of tenancy and the amount of the rental.
Thomas J. Joyce		306 West 27th street.	" 35	
Tronson Kerr		2 East 113th street.	" 30	
George W. Carpenter	Inspector of Dredging	Astoria, L. I.	" 25	
John McDouough		132 West Washington place	Per mo. 100 00	
George A. Dearborn		889 St. Nicholas avenue.	" 100 00	
Edward A. Johnson	Inspector of Pier Building	50 West 55th st.	Per hour, 50	
Mortimer W. Casper		56 Suffolk street.	Per hour, 50	
Edward E. McCarney		1414 Fourth avenue.	" 50	
John Hogan		615 Lexington avenue.	" 50	
William White		4 Charlton street.	" 50	
James Allen	Machinist	473 Ninth avenue.	" 35	

## Dock Builders, Thirty Cents per Hour.

Frederick Ackerstrom.  
George Bloomer, Charles A. Bond, Patrick Brady, Dunning Brown, John E. Burns, Michael Burns, Joseph Byrnes.  
William Carlsen, Stephen Chisolm, Thomas Clark, Thomas F. Coar, Christopher Colver, Michael Connolly, Frank Caughlin, Frank Cullen, Terence Cumisky.  
William Dally, John Daniels, Daniel Darby, Jr., Joseph DeTemple, Joseph DeTemple, Jr., Henry Doyle, No. 1, Joseph Doyle.  
Louis Fabur, William Fitzgerald No. 1, Edward Fitzgerald, John Fitzpatrick, James H. Flood, William P. French.  
James Gandle, John Grinnon.  
James Harney, Andrew Heany, Michael Hennessy, Alfred Hines.  
Peter Johnson, William Jordan.  
Nicholas Kaufman, Hugh Kelly, Thomas Kenny.  
Herman Landwehr, Andrew Lane, John Love.  
Thomas McCabe, James McDonald, No. 1, John McDonald, Matthew McDonald, John J. McGuire, James McInenly, John McInenly, Neil McLeod, Henry McShane, Michael Monaghan, James Mulgrew, William W. Munson, John Murray.  
John Norbeck.  
Maurice O'Connell.  
Thomas Purdy, William Perchback.  
Thomas Redman, Patrick Rigney, Thomas Rutledge, Joseph Ryan, John Ryder.  
Timothy Shune, James Smith, No. 2, James Smith, No. 3, Michael Stapleton, Charles Swanson.

## Laborers, Twenty-three Cents per Hour Except as Otherwise Stated.

Thomas Ahearn, \$75 per month ; William J. Armstrong, \$75 per month ; Paul Alf, John Allen, Samuel Ball, William Barrett, John Bartlett, Louis Bauer, Ralph H. Benedict, John Bennett, John Bergin, Jacob Berman, Edward M. Boden, Patrick Bohen, John Bolands, John Bowen, John Bracken, John Bradley, William Brander, John Brassell, Joseph Brooks, Thomas Brown, William S. Brown, Herman Browning, John A. Burke, Peter Burke, William J. Burke, Robert Butler.  
David Cagney, Patrick Cain, Dennis Caniff, Peter Carty, William Carey, Timothy Carroll, Patrick Cash, Ogden Chapin, Martin Clancy, Michael Clark, Peter Clarkin, James F. Cleary,

## DESCRIPTION OF CONTRACTS MADE BY THE BOARD DURING THE YEAR ENDING APRIL 30, 1896.

No.	DESCRIPTION OF CONTRACT.	CONTRACTOR.	CONTRACT PRICE.	DATE OF AWARD.	DATE OF CONTRACT.	DATE OF EXPIRATION.	AMOUNT PAID TO APRIL 30, 1896.
499	Dredging on Harlem river.	Atlantic Dredging Co.	22 cents per cubic yard.	May 21, 1895	May 29, 1895	Dec. 31, 1895	\$1,340 46
500	Dredging north of West Thirty-fourth street, N. R.	Atlantic Dredging Co.	18 cents per cubic yard.	May 21, 1895	May 29, 1895	Nov. 1, 1895	17,983 80
501	Furnishing and delivering anthracite coal.	Moquin & Offerman	\$3.49 per ton.	July 2, 1895	July 18, 1895	Nov. 1, 1895	2,102 26
502	Preparing for and laying a pavement of second-hand Belgian blocks on newly made land in rear of bulkhead-wall, between West Fifty-second and West Fifty-fourth streets, and taking up and relaying portion of the existing pavement at West Fifty-fourth street, N. R.	Patrick J. Travis.	\$2,760 00	May 28, 1895	May 29, 1895	July 1, 1895	2,760 00
503	Repairing the Pier foot of East Twenty-sixth street, E. R.	John W. Flaherty.	\$8,372 00	May 28, 1895	May 28, 1895	Sept. 12, 1895	8,372 00
504	Furnishing sawed spruce timber.	Bids rejected by Board.					
505	Repairing the Pier and approach at the foot of West Forty-sixth street, N. R.	Patrick Ryan.	\$13,533 00	June 25, 1895	July 11, 1895	Dec. 7, 1895	13,333 00
506	Repairing the Pier at the foot of West Fifty-first street, N. R.	Spearin & Preston.	\$4,175 00	July 9, 1895	July 10, 1895	Sept. 10, 1895	4,175 00
507	Repairing Pier, new 43, near foot of Barrow street, and repairing and painting shed thereon.	Bids rejected by Board.					
508	Class I—Furnishing and putting in place small cobble.	Brown & Fleming.	84 cents per cubic yard.	July 25 and August 6, 1895.	July 23, 1895	Aug. 5, 1895	1,094 16
509	Class II—Furnishing and putting in place small rip-rap stone.	J. Frank Quinn.	35 cents per cubic yard.	July 23, 1895	July 23, 1895	May 1, 1896	1,409 80
510	Class III—Furnishing and delivering sand.	Murray & Co.	64 1/4 cents per cubic yard.	July 23, 1895	July 29, 1895	Jan. 20, 1896	784 12
511	Class IV—Furnishing and delivering broken stone.	J. Frank Quinn.	\$1 25 per cubic yard.	July 23, 1895	July 23, 1895	May 1, 1896	3,255 00
512	Furnishing and delivering cement.	Bids rejected by Board.					
513	Repairing crib bulkhead at the foot of East Seventeenth street, E. R.	John Gilmore.	Class I: \$7,500 ; Class II: 65 cents per cubic yard.	July 30, 1895.	Aug. 27, 1895	Sept. 11, 1895	7,622 20
514	Dredging on the North river, between the Battery and West Thirty-fourth street, N. R.	Morris & Cumings Dredging Co.	17 1/2 cents per cubic yard.	Aug. 27, 1895	Sept. 19, 1895	June 30, 1896	17,046 49
515	Dredging north of West Thirty-fourth street, N. R.	P. Sanford Ross.	17 1/2 cents per cubic yard.	Aug. 27, 1895	Sept. 11, 1895	June 30, 1896	8,539 70
516	Repairing the Pier and approach at the foot of West Twentieth street, N. R.	W. H. Beard Dredging Co.	20 cents per cubic yard.	Oct. 17, 1895	Oct. 1, 1896	Oct. 1, 1896	1,441 50
517	Paving the newly made land in the vicinity of Pier, new 19, N. R.	John W. Flaherty.	\$3,089 00	Aug. 27, 1895	Aug. 28, 1895	Oct. 15, 1895	3,989 00
518	Furnishing and delivering manila hemp rope.	Thieleman & Smith.	\$7,000 00	Aug. 27, 1895	Aug. 28, 1895	Nov. 8, 1895	7,000 00
519	Furnishing sawed yellow pine timber.	John Early.	64 1/2 cents per pound.	Sept. 10, 1895	Sept. 21, 1895	Oct. 10, 1895	1,466 43
520	Removing a portion of Pier, new 43, N. R., the shed and other structures thereon, and for rebuilding the Pier with its appurtenances.	Eppinger & Russell Co.	\$60 per thousand.	Oct. 10, 1895	Oct. 16, 1895	Apr. 13, 1896	.....
521	Repairing the Pier and approach at the foot of West Thirty-fourth street, N. R.	R. P. Staats.	\$24,100 00	Oct. 10, 1895	Oct. 16, 1895	Feb. 18, 1896	24,100 00
522	Laying a pavement of second-hand Belgium blocks on filled-in land in rear of the bulkhead, between West Ninety-sixth and West Ninety-eighth streets, N. R.	A. C. Gildersleeve.	\$9,486 50	Oct. 10, 1895	Oct. 18, 1895	Jan. 27, 1896	9,486 50
523	Dredging at the East Ninety-ninth street section, E. R.	Thomas Harrington.	\$1,887 00	Oct. 14, 1895	Oct. 29, 1895	Dec. 7, 1895	1,887 00
524	Furnishing and delivering anthracite coal.	Morris & Cumings Dredging Co.	Class I: 25 cents per cubic yard ; Class II: 80 cents per cubic yard.	Nov. 15, 1895	Nov. 23, 1895	Jan. 11, 1896	4,403 15
525	Repairing bulkhead platform, between East Sixty-second and East Sixty-third streets, E. R.	W. C. Moquin.	\$3.74 cents per ton.	Nov. 19, 1895	Nov. 23, 1895	Jan. 24, 1896	2,247 42
526	Class I—Furnishing and putting in place small cobble.	Spearin & Preston.</					

## II.—DISTRIBUTION:

Cash—	
Amount of moneys deposited with the Chamberlain prior to May 1, 1895, being in payment, in advance, of rents accruing therefor.....	\$31,890 00
Amount of moneys deposited during the year with the Chamberlain to the credit of the Commissioners of the Sinking Fund for the Redemption of the City Debt.....	2,028,628 92
Deduct these amounts included in the said moneys, but not applicable to rents payable during the year, to wit:	
Sums received at public sale of leases of corporation wharf property, being deposits made by purchasers as security for the execution on their part of their leases respectively, which leases are to date from May 1, 1896, and which deposits are to be applied as rent first accruing under such leases as shall be duly completed, or in default to become forfeited.....	22,692
Collections received from Counsel to the Corporation in settlement of claims placed in his hands prior to May 1, 1895.....	1,887 50
Leaving this amount deposited during the year as rents and wharfage from corporation wharf property (except from premises in use under ferry leases made with the Comptroller).....	2,035,938 92
Claims for unpaid rents placed in the hands of the Counsel to the Corporation for collection during the year.....	1,440 57
Sundry unpaid rents.....	960 65
	\$2,038,340 24

## DOCK BONDS.

Total amount of "Dock Bonds of the City of New York," directed to be issued by the Commissioners of the Sinking Fund, for the uses and purposes of the Department of Docks, from the date of its organization in May, 1870, to April 30, 1896.....

## DOCK FUND.

## I.—RECEIPTS:

1. Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on May 1, 1895, for the uses and purposes of this Department, as per Annual Report for the year ending April 30, 1895.....	\$201,680 94
2. Amount of Dock Bonds directed to be issued by the Commissioners of the Sinking Fund.....	1,500,000 00
3. Amount of premium on Dock Bonds.....	2,669 85
4. Amount of moneys received in and during the year, and deposited with the Chamberlain for the uses and purposes of the Department, being reimbursements for the costs of repairs to wharf properties made for lessees, private owners and others, and for the use of the Department appliances and dumping grounds, furnishing maps, tracings, etc.....	10,979 47
	1,715,330 26

## II.—EXPENDITURES:

Amount of bills and claims audited in and during the year ending April 30, 1896, and transmitted to the Finance Department for payment, being for materials and supplies furnished, and for services rendered to this Department, to wit:

1. For Construction—	
For bills and claims audited as per Schedule B.....	\$121,205 16
As per Schedule C:	
Salaries of the Commissioners.....	15,000 00
Salaries of the Construction force.....	83,111 95
Weekly pay-rolls of Captains, Engineers, Crews and Watchmen on floating property, Dock-builders, Laborers, Blacksmiths, Carpenters and Masons, etc., on Construction force.....	190,996 23
	\$410,314 34
2. For General Repairs—	
For bills and claims audited as per Schedule D.....	\$168,114 88
As per Schedule E:	
Pay-rolls of Dock-builders, Watchmen, Carpenters, Inspectors and Engineers on General Repairs force.....	55,883 73
	223,998 61
3. For Annual Expense—	
For bills and claims audited as per Schedule F.....	\$5,847 15
As per Schedule G:	
Salaries of officers and appointees.....	65,461 22
	71,308 37
As per Schedule H:	
4. For Acquired Property—	
For property acquired.....	54,428 82
	760,050 14

## III.—BALANCE:

Amount of proceeds of Dock Bonds in the hands of the Comptroller on April 30, 1895, for use of this Department.....

NEW YORK, April 30, 1896.

Respectfully submitted to the Board, JOHN M. PHELAN, Chief Clerk.

The Mayor, Aldermen and Commonalty of the City of New York in Account with the Board of the Dr. Department of Docks, for and during the Year ending April 30, 1896. Cr.

To deposits of money made prior to May 1, 1895, being for payments in advance of rents accruing after that date and credited in this account.....	\$31,890 00
To deposits of money with the Chamberlain.....	2,039,608 39
To bills and claims audited for materials and supplies furnished and for services rendered, to wit:	
On Construction account.....	410,314 34
On General Repairs account.....	223,998 61
On Annual Expense account.....	71,308 37
To compromise settlement by Comptroller and Corporation Counsel of claim against the Ridgewood Ice Company for dock and slip rent.....	2,591 66
To depreciation in value of Floating plant	25,600 00
Balance carried forward.....	5,170,384 89
	\$7,975,696 26

Dr.	Balance Sheet, April 30, 1896.	Cr.
Acquired real property.....	\$3,681,788 78	
Floating plant (as per Schedule I).....	319,350 00	
Contingent Fund.....	955,280 12	
Judgments (as per Schedule J).....	1,000 00	
Sundry claims for unpaid rents in hands of Counsel to the Corporation for collection (as per Schedule K).....	90,547 88	
Sundry unpaid rents.....	960 65	
	\$5,170,384 89	

SCHEDULE A.  
LEDGER BALANCES, APRIL 30, 1896.

Dr.	Folio.	Cr.	Dr.	Folio.	Cr.	
\$3,681,788 78	1	Acquired property.....	.....	39	Sale of maps.....	\$76 00
71,308 37	4	Annual expense.....	.....	43	Fines and penalties.....	234 25
410,314 34	8	Construction.....	.....	45	Judgments recovered.....	234 25
223,998 61	12	General repairs.....	.....	47	Rent advances.....	22,692 50
944,300 65	16	Dock Fund.....	.....	49	Cement tests.....	50 00
.....	20	Dock and slip rent.....	\$2,028,628 47	104 17	Bouker, John A. ....	.....
2,039,608 39	29	Mayor, Aldermen and Commonalty of City of New York.....	5,849,264 69	106 17	Swift, G. F. & E. C. ....	.....
1,000 00	31	Anson G. McCook, City Chamberlain.....	.....	123 55	Kane & Wright, Knickerbocker Ice Co. ....	.....
319,350 00	33	Contingent Fund.....	.....	127 92	Schmitt & Koehne, Unpaid rents in hands of Counsel to Corporation for collection .....	.....
.....	35	Floating plant.....	.....	127 92	.....	.....
.....	38	Sale of filling-in privileges.....	459 11	100 00	.....	.....
.....		Reparls for private owners.....	10,160 11	100 00	.....	.....
			\$7,904,635 13	\$7,904,635 13		

## SCHEDULE B.

## BILLS AND CLAIMS AUDITED ON CONSTRUCTION ACCOUNT.

Advertising.	
"New York Times" ..	\$24 00
"Commercial Advertiser" ..	236 00
"Sun" ..	60 00
New York News Publishing Company...	42 00
"Tribune" ..	102 00
Mail and Express Publishing Company...	132 00

"World" ..	\$75 00
"Evening Telegram" ..	20 00
New York Press Company.....	36 00
	\$727 00
Coal.	
E. Fincken's Son & Co. ....	\$50 00
H. L. Herbert & Co. ....	278 85
W. C. Moquin. ....	2,905 09
Moquin & Offerman. ....	2,102 26

Sperry & Popham Co. ....	\$73 50	C. Rudman .....	\$22 75
G. W. Winant & Son. ....	64 80	Rumsey & Co. ....	44 00
Wynn Brothers. ....	981 92	St. Louis Art Metal Company.....	111 39
		T. G. Silleu. ....	87 00
		W. & J. Sloane. ....	40 00
		Standard Railroad Equipment Company	63 02
		Trageser Steam Copper Works.....	99 00
		Wyckoff, Seamans & Benedict. ....	177 00
		Willadson & Johnson. ....	40 00
			\$15,200 32
		Cement, Granite, Broken Stone, Rip-rap, Cobble and Sand.	
		Atlas Cement Company	\$7,688 34
		Brown & Fleming. ....	2,290 68
		Bouker Contracting Company.....	958 46
		N. W. Godfrey (Thomas & Eckerson, agents). ....	\$279 30
		Murray & Co. ....	784 12
		J. Frank Quinn. ....	3,255 00
		Sheridan & Shea. ....	172 80
			15,428 70
		Iron, Steel, Spikes, Bolts, Washers and Mooring Posts.	
		A. & F. Brown. ....	\$18 90
		Edward Corning & Co. ....	364 35
		W. B. Ferguson & Son. ....	174 20
		Robert T. Hitchman. ....	17 00
		John Loyd. ....	8 36
		Patterson Brothers. ....	56 00
		Alexander Pollack. ....	83 75
		John J. Radley & Co. ....	95 00
		H. A. Rogers. ....	22 50
		G. L. Steubner. ....	4 00
		P. Timmis' Son. ....	1,068 99
			1,913 05
		Lumber and Piles.	
		Bell Brothers. ....	\$228 38
		Brown Dry Dock Company.....	71 68
		Carroll Box and Lumber Company.....	102 56
		East River Mill and Lumber Company.....	317 27
		Thomas H. Simonson & Son. ....	12 94
		Henry D. Steers. ....	7,647 50
		William Taylor. ....	4,747 1

Charles J. Collins	\$762 98
John A. Bensel	750 00
Robert Louden	704 03
John H. Corley	698 50
William H. Cherry	645 99
Joseph Canning	625 00
John J. Herrick	625 00
Harry C. De Lano	564 51
Patrick H. Bird	530 00
Benjamin S. Wever	519 60
Peter C. Spence	500 00
Robert F. Aram	500 00
Francis J. Ryan	500 00
Stephen A. Ulman	428 47
Daniel J. Hogan	407 50
William Selmer	375 00
Bernard Rolf	375 00
George S. Morison	375 00
Thomas Lincoln Casey	365 25
William H. Burr	300 00
Gerald S. Griffin	300 00
John Colleton	292 74

William J. Crowley	\$240 00
William E. Baily	209 48
John T. Guy	209 48
Charles W. Johnson	105 52
William H. McCabe	150 00
Garnett Basinger	146 45
Edward S. Atwood	104 17
Francis O'Neill	100 00
Jacob Bauer	83 33
Nicholas F. Kinnally	75 00
Henry Farrington	48 89
Thomas E. Foran	30 55

\$98,111 95

Weekly pay-rolls from May 1, 1895, to April 30, 1896, of Captains, Engineers, Crews and Watchmen on floating property, Dock Builders, Laborers, Blacksmiths, Carpenters, Masons, etc., on Construction Forces.

190,996 23

\$289,108 18

## SCHEDULE D.

## BILLS AND CLAIMS AUDITED ON GENERAL REPAIRS ACCOUNT.

Advertising.	
"Commercial Advertiser"	\$148 00
"Evening Telegram"	27 50
"Mail and Express"	180 00
New York News Publishing Company	90 00
New York Press Co	72 00
"New York Times"	60 00
"Sun"	40 00
Tribune Association	15 00
"World"	110 00

\$742 50

## Contracts for Repairs and Dredging.

Atlantic Dredging Company	\$17,946 45
W. H. Beard Dredging Company	1,441 50
Charles Du Bois	6,181 95
J. H. Fenner	10,954 54
John W. Flaherty	12,361 00
Alger C. Gildersleeve	9,486 50
John Gilmour	7,622 20
Morris & Cumings Dredging Company	24,680 43
P. Sanford Ross	8,539 70
Patrick Ryan	13,333 00
Spearin & Preston	6,092 00
R. P. Staats	27,440 00
James Tregarthen & Son	1,270 00

147,349 27

## Lumber and Piles.

Bell Bros	\$7,560 45
J. E. Duryea	420 80
Stephen S. Mapes	410 13
James C. Orr & Co	2,632 10
W. H. Sidway	24 00

11,047 48

## Stationery.

Martin B. Brown	\$1,446 75
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\$168,114 88

## SCHEDULE E.

PAY-ROLLS AUDITED ON GENERAL REPAIRS ACCOUNT.  
Weekly pay-rolls from May 1, 1895, to April 30, 1896, of Dock Builders, Laborers, Watchmen, Carpenters, Inspectors and Engineers of General Repairs Force.

\$55,883 73

## SCHEDULE F.

## BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE ACCOUNT.

Advertising.	
"Commercial Advertiser"	\$57 60
Mail and Express Publishing Company	16 00
New York News Publishing Company	54 60
New York Press Company, Limited	3 60
"New York Times"	20 40
"Sun"	62 40
Tribune Association	15 00

\$229 60

## Printing and Stationery.

American Bank Note Company	\$260 00
Martin B. Brown	297 75
Funk & Wagnalls Co.	22 00
John C. Kankin & Co.	63 00

642 75

## Miscellaneous.

American Supply Company	\$117 16
W. C. Anderson	35 00
Andrews Manufacturing Company	263 00
Ansonia Clock Company	17 00
Banks Brothers	51 25
Bloomingdale Brothers	183 73
James J. Carey	13 00
Commonwealth Ice Company	86 00
John Early & Co.	57 04

57 04

## SALARIES AUDITED ON ANNUAL EXPENSE ACCOUNT.

George S. Terry	\$3,200 00
John M. Phelan	2,500 00
James Weir	2,400 00
Charles J. Farley	2,200 00
Edward S. Atwood	1,979 16
Charles F. Friedman	1,973 12
Adna G. Bowen	1,761 55
Louis S. Kellogg	1,500 00
Edwin A. Gregory, Jr.	1,500 00
James J. Fleming	1,500 00
Thomas E. Booth	1,500 00
De Witt C. Wheeler	1,500 00
Thomas P. Walsh	1,500 00
Henry A. Palmstine	1,500 00
Charles A. Groth	1,463 71
John Clark	1,463 71
W. H. Rockwell	1,463 71
Edward Abeel	1,411 29
William C. Johnson	1,395 16
Thomas Lusk	1,375 00
Rufus Darrow, Jr.	1,375 00
Martin Mauer	1,375 00

1,375 00

## SCHEDULE G.

## SALARIES AUDITED ON ANNUAL EXPENSE ACCOUNT.

Gerard Bancker	\$1,250 00
Daniel D. Barry	1,151 61
L. Hitch Harrison	1,125 00
Robert Gere	1,100 00
Thomas J. Hallowell	1,041 93
Thomas E. Foran	969 45
Jacob Bauer	916 63
Theodore Katz	909 68
Thomas F. Geary	889 52
Richard B. Ross	854 88
William H. Burns	870 97
Charles G. G. King	825 00
William J. Armstrong	762 41
Thomas C. Carroll	762 41
Bernard P. Gibney	762 41
William J. Fay	762 41
Daniel Patterson	750 00
W. J. Matthews	750 00
Francis J. Ryan	700 00
Robert F. Aram	674 19
Patrick H. Bird	670 00
Thomas Brady	608 33

608 33

Mary Dowling	\$540 00
Catherine Lyons	540 00
Max Drucker	522 50
Patrick Flannagan	450 00
Emanuel Lubisheimer	450 00
C. Elliott Collins	450 00
William T. Griselburg	450 00
Francis R. Pursell	450 00
John J. Keefe	450 00
Frederick G. Hoffmann	450 00
Henry J. Miller	450 00
Robert Ruhle	450 00
George A. Dearborn	450 00
Thomas Moore	375 00
Benjamin S. Wever	360 00

\$65,461 22

## SCHEDULE H.

BILLS AND CLAIMS AUDITED ON ACQUIRED PROPERTY ACCOUNT.	
Amanda J.	

## STATEMENT

Of Revenues and Expenditures of the Department of Docks from the Organization of the Department in May, 1870, to April 30, 1896.

FOR YEARS ENDING APRIL 30.	TOTAL GROSS REVENUE FROM LEASED WHARVES AND WHARFAGE.	TOTAL ANNUAL EXPENDITURES AUDITED.	SALARIES OF COMMISSIONERS.	SALARIES OF SECRETARY, CLERKS, DOCK MASTERS, ETC.	STATIONERY AND INCIDENTALS OF COMMISSIONERS' OFFICE.	SALARIES OF ENGINEER-IN-CHIEF AND SUBORDINATES.	BILLS AND CLAIMS AUDITED ON CONSTRUCTION, INCLUDING LABOR PAY-ROLLS.	BILLS AND CLAIMS AUDITED ON GENERAL REPAIRS, INCLUDING LABOR PAY-ROLLS.	ACQUIRED PROPERTY.
For year ending—									
1871.....	\$315,524 54	\$486,449 12	\$50,000 00	\$48,182 56	\$34,258 68	\$40,015 20	\$313,992 68		
1872.....	412,859 93	1,075,005 61	48,252 65	59,544 40	20,702 69	60,473 94	877,631 93		
1873.....	447,328 01	622,878 03	50,000 00	54,787 41	28,754 04	60,791 45	428,545 08		
1874.....	470,361 51	932,710 32	14,574 73	48,738 55	20,913 32	32,383 62	816,100 10		
1875.....	589,361 06	1,516,004 33	12,443 52	52,788 12	24,029 20	37,074 30	1,409,297 19		
1876.....	610,781 88	692,603 96	12,500 00	31,973 61	15,844 34	28,560 00	603,725 68		
1877.....	706,607 78	433,089 90	12,500 00	24,664 53	10,999 82	29,965 95	354,959 60		
1878.....	851,816 92	486,934 60	11,850 81	21,817 40	9,957 44	31,505 72	368,234 93	\$23,568 42	
1879.....	702,122 37	373,425 68	11,281 18	20,859 62	13,021 17	28,449 84	249,068 36	50,745 51	
1880.....	810,465 41	509,768 63	6,000 00	19,700 94	12,786 96	28,450 00	284,808 89	44,485 84	\$203,530 00
1881.....	865,071 89	640,481 57	7,169 35	20,263 22	9,776 22	30,735 50	515,044 45	57,495 83	
1882.....	1,062,162 54	1,180,997 44	9,000 00	22,503 41	12,391 48	32,869 91	829,050 27	274,285 37	
1883.....	1,162,803 96	953,007 85	9,000 00	25,999 07	13,756 80	33,084 00	715,641 01	155,526 97	
1884.....	1,246,858 19	760,106 80	9,000 00	30,225 31	13,213 81	37,860 85	575,080 87	94,725 96	
1885.....	1,187,217 14	1,029,207 51	9,000 00	31,416 67	13,379 73	45,703 41	416,151 29	178,493 66	328,062 75
1886.....	1,228,151 80	376,789 72	9,000 00	43,192 19	13,140 00	44,159 25	199,258 44	70,913 10	121 65
1887.....	1,260,036 58	389,109 82	9,000 00	45,693 71	6,472 12	44,960 89	162,621 52	179,421 58	
1888.....	1,320,684 81	1,069,538 62	9,000 00	41,469 87	6,315 92	53,079 07	653,434 14	239,635 17	75,613 45
1889.....	1,418,440 62	2,128,483 76	8,614 52	39,247 76	8,064 44	58,758 73	947,878 01	155,620 50	6,300 00
1890.....	1,487,930 73	1,316,370 65	9,000 00	37,804 69	1,454 44	6,727 67	850,422 54	169,923 78	180,037 53
1891.....	1,508,554 93	1,971,844 84	10,099 98	43,824 24	6,105 71	78,337 93	1,265,698 20	130,993 78	436,784 89
1892.....	1,662,137 70	1,882,823 63	15,000 00	51,926 82	11,140 63	86,763 78	1,507,537 59	202,605 88	7,848 93
1893.....	1,765,783 65	2,762,506 00	15,000 00	55,979 26	5,996 07	89,961 71	1,317,751 53	168,224 29	1,079,653 12
1894.....	1,839,658 73	2,798,455 73	15,000 00	60,837 36	8,760 38	85,328 08	1,685,908 22	170,416 06	782,265 63
1895.....	1,940,079 05	1,645,076 02	15,000 00	70,367 25	6,697 24	89,865 80	747,675 81	188,327 91	527,142 01
1896.....	2,027,698 47	700,030 14	15,000 00	65,401 22	5,847 15	83,111 95	312,202 39	223,998 61	54,428 82
Total.....	\$29,005,890 23	\$27,924,740 37	\$403,186 74	\$1,070,275 19	\$331,719 82	\$1,346,569 93	\$18,421,692 80	\$2,729,507 11	\$3,681,788 78

RENT ROLL, showing the Occupancy on May 1, 1896, of all Corporation Wharf Property under Leases and Permits of the Department of Docks, including all Leases sold within the Year by Public Sale.

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
North River.					
Berth at Battery Landing.....	American Committee Statue of Liberty.....	At pleasure of the Board....	\$150 per ann.	By resolutions May 9, 1890, Feb. 21, 1895.....	\$150 00
Berth at Battery Landing.....	N. Y. & Long Branch Steamboat Co.....	Summer season of 1895.....	750 "	By resolution, Apr. 25, 1895.....	750 00
Berth at Battery Landing for steamboat "Aurora".....	Excelsior Steamboat Co.....	Summer season of 1896.....	1,100 "	By resolution, Apr. 30, 1896.....	
Berth for bath at Battery Wall, season 1895.....	William A. Hall.....	Summer season of 1895.....	200 "	By resolution, June 14, 1895.....	200 00
Berth for bath at Battery Wall, season 1896.....	William A. Hall.....	At pleasure of the Board....	250 per mo.	Minutes, Feb. 21, 1895.....	983 34
Pier, new 1.....	Iron Steamboat Co.....	At pleasure of the Board....	250 "	By resolution, Apr. 23, 1896.....	
Bulkhead between Pier, new 1, and Pier, old 1.....	William J. Murray, assignee.....	May 1, 1891, to May 1, 1891	35,100 per ann.	By public sale, Mar. 22, 1891.....	35,100 00
Bulkhead between Pier, new 1, and Pier, old 1.....	William J. Murray.....	May 1, 1891, to May 1, 1891	1,000 "	By public sale, Apr. 14, 1891.....	1,000 00
Reclaimed land south of Pier, old 1, 17,436 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board....	1,000 "	By resolution, Apr. 16, 1896.....	
Land under water for platform between Piers, old 1 and 2, 8,800 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board....	2,200 "	By resolutions, Oct. 17 and 24, 1895.....	1,306 44
Land under water for extension to Pier, old 2, 75 square feet.....	Lehigh Valley R. R. Co.....	At pleasure of the Board....	18.75 "	By resolutions, June 27 and Nov. 21, 1895.....	1,100 00
Land under water for platform between Piers, old 2 and 3, 15,560 square feet.....	Lehigh Valley R. R. Co.....	At pleasure of the Board....	3,890 "	By resolution, Nov. 28, 1894.....	18 75
Land under water for platform between Piers, old 3 and 4, 13,363 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board....	3,340.86 "	By resolution, Apr. 26, 1894.....	3,247 21
Land under water for extension to bulkhead between Piers 3 and 6 and widening Piers 4 and 5, 97,789 square feet.....	Pennsylvania R. R. Co.....	May 1, 1893, to May 1, 1903.	20,000 "	By resolution, Apr. 20, 1893.....	20,000 00
Land under water for platforms at bulkheads between Piers 6 and 8, 7,901 square feet.....	N. Y. and Baltimore Transportation Line.....	At pleasure of the Board....	1,975.25 "	By resolutions, Apr. 30, 1884, and Sept. 26, 1895.....	1,315 90
Land under water for platform south side Pier 8, 4,059 square feet.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board....	1,500 "	By resolution, Jan. 5, 1891.....	1,500 00
Land under water for extension to platform between Piers 8 and 9, 8,535 square feet.....	Cromwell Steamship Co.....	At pleasure of the Board....	2,133.75 "	By resolution, Oct. 3, 1895.....	
Land under water for extension to Pier 9, 4,455 square feet.....	William Cruikshank, agent.....	At pleasure of the Board....	1,113.75 "	By resolutions, Apr. 30, 1884, and Oct. 10 and 17, 1895.....	1,863 70
Land under water for platform between Piers, old 9 and 10, 5,300 square feet.....	Cromwell Steamship Co.....	At pleasure of the Board....	1,325 "	By resolutions, Aug. 1 and Oct. 25, 1895.....	983 03
Land under water for platform at bulkhead north side Pier 10, and widening north side of pier, about 4,112 square feet.....	Metropolitan Steamship Co.....	At pleasure of the Board....	1,028 "	By resolutions, July 26, 1882, and Oct. 17 and 24, 1895.....	993 75
Land under water for extension to Pier, old 11, 3,314 square feet.....	Metropolitan Steamship Co.....	At pleasure of the Board....	828.50 "	By resolutions, Feb. 13, 1890, and Oct. 10 and 17, 1895.....	889 00
Northerly half Pier, old 12, Pier, old 13, southerly half of Pier, old 14, and bulkhead between said piers, together with platforms in front of said bulkheads.....	Central R. R. Co. of N. J.....	At pleasure of the Board....	53,850 "	By public sale, Apr. 15, 1895.....	40,387 50
Land under water for old platform south of Pier, old 16, 4,162 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board....	1,040.50 "	By resolution, Nov. 27, 1895.....	263 13
Land under water for extension to platform south of Pier, old 16; and also for extension to outer end of pier, 7,655 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board....	1,913.75 "	By resolution, Apr. 30, 1884, and minutes Sept. 12, 1895.....	1,533 03
Twenty-three feet of bulkhead south of former site of Pier, old 18, and 7,243 square feet of land under water.....	Pennsylvania R. R. Co.....	At pleasure of the Board....	300 per mo.	By resolution, Feb. 28, 1895.....	3,600 00
Bulkhead, when completed, extending from a point 20 feet south of the northerly line of Cortlandt street southerly 23 feet.....	Pennsylvania R. R. Co.....	Ten years, from date of completion, with privilege of two renewals of ten years each.....	1,380 1st term 1,518 2d term 1,669.80 3d term	By resolutions, Dec. 14, 1893, and Jan. 3, 1895.....	
Bulkhead, when completed, from the northerly line of Cortlandt street south- erly 20 feet.....	John H. Starin.....	Ten years, from date of completion with privilege of two renewals of ten years each.....	1,200 1st		

Bulkhead northerly from a point half way between Piers, new 28 and new 29, extending 20 feet northerly of Pier, new 29.....	Pennsylvania R. R. Co.....	Mar. 1, 1894, to Mar. 1, 1901, with privilege of renewal term of ten years.....	7,000 1st term 7,700 2d term	By resolutions, Feb. 27 and Apr. 26, 1894.....	\$6,181 28
Pier, new 29.....	Pennsylvania R. R. Co. and others, assignees.....	Mar. 1, 1897, to Mar. 1, 1901, with privilege of renewal term of ten years.....	30,000 1st term 30,500 2d term	By resolution, Nov. 27, 1897. (See minutes, Jan. 15 and Apr. 23, 1891).....	30,000 00
Land under water for platform south of Pier, old 40, 6,556 square feet.....	New Jersey R. R. and Transportation Co.....	At pleasure of the Board.....	\$1,639 per ann.	By resolutions, Nov. 2, 1871, and Oct. 17, 1895.....	1,213 00
Pier, old 40.....	Norwich and New York Transportation Co.....	May 1, 1895, to May 1, 1898	38,000 "	By public sale, Apr. 15, 1895.....	38,000 00
Extension to outer end of Pier, old 41.....	N. J. Steamboat Co.....	At pleasure of the Board.....	25c. per sq. foot per ann.	By resolution Oct. 20, 1892. (See minutes, Dec. 29, 1892, and June 28, 1895).....	1,000 00
Bulkhead between Pier, old 41, and Pier, old 42, 100 feet.....	Brown & Fleming.....	May 1, 1895, to May 1, 1896	300 per ann.	By public sale, Apr. 23, 1895.....	225 00
Dumping-board on southerly side of Pier, old 42, 300 feet northerly inner end of Pier, old 42, and 27 feet of bulkhead northerly.....	Brown and Fleming.....	At pleasure of the Board.....	2,800 "	By resolution of May 10, 1895.....	2,333 37
Pier, new 34, and 75 feet bulkhead each side.....	Edward W. Youmans.....	At pleasure of the Board.....	1,000 "	By resolution, Apr. 26, 1895.....	1,000 00
Bulkhead southerly of Pier, new 35, 72 feet.....	Pacific Mail S. S. Co.....	Sept. 1, 1889, to Sept. 1, 1899, with privilege of renewal term of ten years.....	0,422.94 1st term Rental for extension of pier for renewal term to be hereafter determined.....	By resolutions, Apr. 2, 1889, Nov. 12, 1891, and June 2, 1892.....	60,422 96
Pier, new 35.....	Ocean S. S. Co. of Savannah, Ga.....	At pleasure of the Board.....	900 per ann.	By resolution, May 3, 1895.....	900 00
Bulkhead northerly of Pier, new 35, 81 feet.....	Ocean S. S. Co. of Savannah, Ga.....	May 1, 1893, to May 1, 1903	40,690.04 "	By resolution, June 22, 1893.....	40,690 04
Pier, new 36.....	Ocean S. S. Co. of Savannah, Ga.....	At pleasure of the Board.....	75 per mo.	By resolution, Apr. 25, 1895.....	900 00
Bulkhead north and south of same.....	Providence & Stonington S. S. Co.....	June 1, 1891, to June 1, 1901	34,910.60 per ann.	By resolution, Mar. 23, 1893.....	34,910 60
Pier, new 37.....	Providence & Stonington S. S. Co.....	To June 1, 1901.....	4,500 "	By resolution, Mar. 23, 1893.....	4,500 00
Bulkhead north and south of Pier, new 37.....	Southern Pacific Co.....	May 1, 1893, to May 1, 1903, with privilege of renewal term of ten years.....	50,000 1st term 55,000 2d term	By resolution, Feb. 16, 1893.....	50,000 00
Pier, new 38, and bulkhead north and south of same.....	Southern Pacific Co.....	May 1, 1893, to May 1, 1903, with privilege of renewal term of ten years.....	5,000 1st term 5,500 2d term	By resolution, Feb. 16, 1893.....	5,000 00
Site for shed on bulkheads adjoining Pier, new 38.....	Oceanic Steam Navigation Co.....	Apr. 1, 1893, to Apr. 1, 1903, with privilege of renewal term of ten years.....	44,250 1st term 48,675 2d term	By resolution, Mar. 9, 1893.....	44,250 00
Bulkhead south of Pier, new 39, 81 feet.....	L. E. Muller.....	From date of completion to Apr. 1, 1903, with privilege of renewal term of ten years.....	\$4,000 per ann.	By resolution, Feb. 13, 1895.....	.....
Bulkhead south of Pier, new 39, 81 feet.....	L. E. Muller.....	May 1, 1895, to May 1, 1896	1,500 "	By public sale, Apr. 23, 1895.....	1,450 00
Pier, new 39.....	National S. S. Co. (Limited).....	May 1, 1896, to May 1, 1897	1,650 "	By public sale, Apr. 14, 1896.....	412 50
Bulkhead northerly of Pier, new 39, 94 feet.....	H. P. Kirkham.....	May 1, 1891, to May 1, 1901, with privilege of renewal term of ten years.....	33,400 1st term 39,072 2d term	By resolution, Apr. 23, 1891.....	33,400 00
Bulkhead southerly of Pier, new 40, 94 feet.....	Vernon H. Brown.....	May 1, 1895, to May 1, 1896	525 per ann.	By public sale, Apr. 23, 1895.....	393 75
Pier, new 40, including water rights at northerly side of said pier.....	Cunard S. S. Co. (Limited).....	May 1, 1896, to May 1, 1897	500 "	By public sale, Apr. 23, 1895.....	375 00
Bulkhead north of Pier, new 40, with privilege of shedding.....	Cunard S. S. Co. (Limited).....	May 1, 1897, to May 1, 1903, with privilege of renewal of ten years.....	36,500 1st term 40,150 2d term	By resolutions, July 27 and Dec. 14, 1893.....	36,500 00
Pier, new 41.....	Delaware, Lackawanna & Western R. R. Co., assignee.....	Feb. 1, 1866, to Feb. 1, 1868.	3,250 per ann.	By resolution, Jan. 23, 1896.....	812 50
Bulkhead about 94 feet each side of Pier, new 41.....	Richard J. Foster.....	Sept. 1, 1891, to Sept. 1, 1901	30,500 "	Renewal lease. (See minutes, Sept. 10, 1891).....	5,300 00
Bulkhead south of Pier, new 42, 94 feet.....	Hudson Tunnel Railway Co.....	At pleasure of the Board.....	5,300 "	Renewal lease.....	.....
Reclaimed land south of Pier, new 42.....	Compagnie Generale Transatlantique.....	Nov. 1, 1891, to Nov. 1, 1901, with privilege of renewal of ten years.....	2,000 "	By resolution, Dec. 8, 1887.....	2,500 00
Pier, new 42.....	Catskill and New York Steamboat Co.....	At pleasure of the Board.....	45,500 1st term 48,825 2d term	By resolution, Dec. 23, 1890.....	46,500 00
Two-thirds of Pier, new 43, except the northerly side.....	Saugerties and New York Steamboat Co.....	6,666.66% per annum.....	6,666.66% per annum.....	By resolution, Apr. 2, 1896.....	.....
One-third of Pier, new 43, except the northerly side.....	Oceanic Steam Navigation Co.....	At pleasure of the Board.....	3,333.33% per annum.....	By resolution, Apr. 2, 1896.....	.....
Piers, new 44 and 45, including extensions and bulkhead between and one-half bulkhead north of Pier, new 45.....	Citizens' Steamboat Co. of Troy.....	July 1, 1889, to July 1, 1899, with privilege of renewal of ten years.....	64,904.76 1st term 66,148.95 2d term	(By resolutions, Feb. 14, 1889, Aug. 1, 1890, and Aug. 27, 1891).....	64,903 76
Bulkhead southerly of Pier, new 46, 78 1/2 feet.....	Joseph Cornell.....	May 1, 1895, to May 1, 1896	600 per ann.	By public sale, Apr. 23, 1895.....	450 00
Bulkhead southerly of Pier, new 46, 78 1/2 feet.....	Citizens' Steamboat Co. of Troy.....	At pleasure of the Board.....	600 "	By resolution, Apr. 16, 1896.....	.....
Pier, new 46.....	Quebec Steamship Co.....	May 1, 1899, to May 1, 1900, with privilege of renewal of ten years.....	33,517.40 1st term 36,567.40 2d term	By resolutions, Jan. 11, 1899, and Oct. 9, 1890.....	33,517 40
Pier, new 47, and bulkhead between Pier, new 46, and Pier, new 47.....	Quebec Steamship Co.....	May 1, 1891, to May 1, 1901	20,000 per ann.	By resolution, Oct. 2, 1890.....	20,000 00
Bulkhead along easterly side of approach to Pier, new 46, and Pier, new 47, 47 1/2 feet.....	Richard J. Foster.....	At pleasure of the Board.....	1,200 "	By resolutions, Oct. 2, 1890, and Apr. 25, 1895.....	1,200 00
Easterly 120 feet of bulkhead along southerly side of West Eleventh street.....	Compagnie Generale Transatlantique.....	Nov. 1, 1891, to Nov. 1, 1901, with privilege of renewal of ten years.....	2,050 "	By public sale, Apr. 1, 1895.....	1,537 50
Two hundred feet in length of bulkhead on southerly side of West Eleventh street, beginning at a point on the said bulkhead 35 feet westerly of a point where the easterly line of Thirteenth avenue, between West Eleventh and Bank streets, produced southerly, crosses said bulkhead, and extending 200 feet east from said point.....	Catskill and New York Steamboat Co.....	At pleasure of the Board.....	1,850 "	By public sale, Oct. 23, 1883, and resolution, Jan. 5, 1893.....	1,850 00
Southerly side of Pier, a foot of West Eleventh street, and a portion of the bulkhead at the southerly side of Thirteenth avenue, at West Eleventh street, beginning at a point where the easterly line of Thirteenth avenue, between West Eleventh and Bank streets, produced southerly, crosses said bulkhead, and extending westerly along said bulkhead and the southerly side of said pier 225 feet, etc.....	Saugerties and New York Steamboat Co.....	At pleasure of the Board.....	.....	.....	.....
Pier at West Eleventh street; the outer 160 feet on the southerly side, the end and the whole of the northerly side of said pier outside and westerly of Thirteenth avenue.....	Oceanic Steam Navigation Co.....	July 1, 1889, to July 1, 1899, with privilege of renewal of ten years.....	64,904.76 1st term 66,148.95 2d term	(By resolutions, Feb. 14, 1889, Aug. 1, 1890, and Aug. 27, 1891).....	64,903 76
Bulkhead at Bank street.....	Catkill and New York Steamboat Co.....	May 1, 1892, to Nov. 1, 1893	3,500 "	By public sale, Apr. 5, 1892.....	3,500 00
Northerly half and outer end of Pier at West Twelfth street, with privilege of maintaining a dump.....	Knickerbocker Ice Co.....	May 1, 1891, to May 1, 1896	850 "	By public sale, Apr. 14, 1891.....	850 00
Pier foot of Jane street.....	John A. Bouker.....	May 1, 1895, to May 1, 1898	2,300 "	By public sale, Apr. 1, 1895.....	1,725 00
Pier at Horatio street, except reservation, etc.....	Joseph Cornell.....	Nov. 1, 1888, to Nov. 1, 1898	1,900 "	By public sale, Oct. 23, 1888.....	1,900 00
Pier, old 56.....	Consumers' Ice Co.....	May 1, 1892, to Nov. 1, 1893	3,500 "	By public sale, Apr. 5, 1892.....	3,500 00
Bulkhead between Piers, old 56 and 57, 240 feet.....	Lehigh Valley R. R. Co.....	May 1, 1891, to May 1, 1896	850 "	By public sale, Apr. 14, 1891.....	850 00
Bulkhead between Piers, old 57 and 58, about 250 feet.....	Michael Reilly.....	May 1, 1895, to May 1, 1905	4,000 "	By public sale, Apr. 15, 1895.....	3,000 00
Permit for platform scales, etc., southerly of Pier at Little West Twelfth street.....	Frederick A. Slingerland.....	May 1, 1895, to May 1, 1896	525 "	By public sale, Apr. 23, 1895.....	393 75
Pier at Little West Twelfth street.....	Cedar Hill Ice Co.....	May 1, 1895, to May 1, 1896	675 "	By public sale, Apr. 23, 1895.....	506 25
Land under water for platforms, between Fourteenth and Fifteenth streets, 3,533 square feet.....	John L. Eccles.....	At pleasure of the Board.....	3,000 "	By resolution, May 3, 1895.....	3,000 00
Land under water for platforms, between Fourteenth and Fifteenth streets, 2,830 square feet.....	Glasco Ice Co.....	May 1, 1892, to May 1, 1897	1,400 "	By public sale, Apr. 5, 1892.....	1,750 00
Pier at West Fifteenth street.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board.....	261.50 "	By resolutions Jan. 9 and Apr. 30, 1896.....	.....
Land under water for bridge at southerly half of block, between Fifteenth and Sixteenth streets, about 6,250 square feet.....	Central R. R. Co. of New Jersey.....	Jan. 1, 1894, to Jan. 1, 1904	11,000 "	By public sale, Sept. 20, 1893.....	11,000 00
Pier at West Sixteenth street.....	Bernard Campbell.....	Apr. 1, 1896, to April 1, 1906	1,500 "	By resolution, Apr. 17, 1896.....	375 00
Pier at West Seventeenth street.....	Baltimore & Ohio R. R. Co.....	May 1, 1895, to May 1, 1898	1,600 "	By public sale, Apr. 1, 1895.....	1,366 67
Pier at West Eighteenth street.....	Robert S. Briggs.....	May 1, 1891, to May 1, 1895	4,500 "	By resolution, Apr. 14, 1891, and resolution, July 16, Aug. 20 and Sept. 3, 1891.....	4,500 00
Land under water for platforms, between Nineteenth and Twentieth streets, 3,533 square feet.....	Knickerbocker Ice Co.....	At pleasure of the Board.....	2,200 "	By public sale, Apr. 14, 1891.....	2,200 00
Land under water for platforms, between Twentieth and Twenty-first streets, 2,830 square feet.....	Knickerbocker Ice Co.....	88.25 "	By resolutions, Oct. 3 and Nov. 7, 1895.....	494 90	
Pier at West Twenty-first street.....	H. & A. Allan.....	At pleasure of the Board.....	707.50 "	By resolutions, Oct. 3 and Nov. 7, 1895.....	.....
Pier at West Twenty-second street.....	C. T. Van Santvoord.....	Feb. 1, 1897, to Feb. 1, 1902, with privilege of renewal of ten years.....	\$25,000 per ann. 27,500 per ann. for renewal term.....	By resolution May 28, 1891.....	25,000 00
Pier at West Twenty-second street.....	A. Van Santvoord.....	May 1, 1896, to May 1, 1902	16,666.66% "	By public sale, Apr. 14, 1891, and resolutions, Feb. 18, 1892.....	12,519 28
Land under water for platform and ferry racks, between West Twenty-second and West Twenty-third streets, 6,846 square feet.....	N. Y., Lake Erie & Western R. R. Co.....	Mar. 18, 1887, at pleasure of the Board.....	1,711.50 "	By resolution, Jan. 2, 1895.....	1,711 50
Pier, new 53, except water on southerly side.....	Pennsylvania R. R. Co.....	May 1, 1895, to May 1, 1896	3,000 "	By resolution, Jan. 7, 1887.....	1,250 00
Bulkhead north of Pier, new 53, 140 feet.....	Sanderson & Son, assignees.....	May 1, 1			

Pier at West Thirty-fifth street, with reservation for bath.....	Henry C. Rogers, assignee.....	June 1, 1892, to June 1, 1902.	\$9,000 per annum.	By public sale, May 9, 1892, and minutes, Feb. 8, 1894, and June 6, 1895.....	\$9,333 34
Pier at West Thirty-sixth street.....	N. Y. Central & Hudson R. R. Co.....	Oct. 8, 1894, to Oct. 8, 1904.	20,000 "	By resolutions, Oct. 8, 1894, and July 3, 1894.....	20,000 00
Pier at West Thirty-seventh street.....	Pennsylvania R. R. Co.....	July 1, 1891, to July 1, 1901, with privilege of two renewals of ten years each	10,000 1st term 12,000 2d term 12,000 3d term	By resolution, Jan. 30, 1891..	10,000 00
Pier at West Thirty-eighth street.....	Pennsylvania R. R. Co.....	Feb. 15, 1891, to Feb. 15, 1901, with privilege of two renewals of ten years each.....	10,000 1st term 12,000 2d term 12,000 3d term	By resolution, Jan. 30, 1891..	10,000 00
Land under water for platform between Thirty-eighth and Thirty-ninth streets, 2,290 square feet.....	G. F. & E. C. Swift.....	At pleasure of the Board..	572.50 per annum.	By resolution, Oct. 3, 1895....	.....
Land under water for platform southerly about 66 feet from West Fortieth street, 924 square feet.....	John R. McPherson.....	May 15, 1887, at pleasure of the Board.....	231 "	By resolution, Feb. 4, 1887....	231 00
Pier and temporary approach at West Fortieth street.....	Western Stock Yard Co.....	May 1, 1892, to May 1, 1897.	7,700 "	By public sale, Apr. 5, 1892..	7,700 00
Bulkhead foot of West Forty-first street.....	Consolidated Gas Co.....	May 1, 1895, to May 1, 1896.	100 "	By public sale, Apr. 23, 1895..	75 00
Bulkhead at West Forty-first street.....	Consolidated Gas Co.....	May 1, 1896, to May 1, 1897.	300 "	By public sale, Apr. 14, 1896..	75 00
Land under water for widening and extension to Pier at West Forty-third street, 19,120 square feet.....	Knickerbocker Ice Co.....	At pleasure of the Board..	100 "	By resolutions, Sept. 25 and Nov. 21, 1873.....	100 00
Northerly 150 feet of bulkhead between Forty-third and Forty-fourth streets, with privilege of dumping-board.....	Albert H. Hastorf.....	May 1, 1895, to May 1, 1896.	1,400 "	By public sale, Apr. 23, 1895, and minutes Apr. 25, 1895.	1,450 00
Northerly 150 feet of bulkhead between Forty-third and Forty-fourth streets, with privilege of dumping-board.....	Albert H. Hastorf.....	May 1, 1896, to May 1, 1897.	1,500 "	By public sale, Apr. 14, 1896..	375 00
Pier at West Forty-fifth street.....	New York Horse Manure Co.....	May 1, 1892, to May 1, 1897.	3,500 "	By resolution, Dec. 3, 1891..	3,500 00
Pier at West Forty-sixth street, with privilege of dumping-board.....	John A. Bouker.....	May 1, 1896, to May 1, 1897.	3,500 "	By resolution, May 21, 1895, and public sale, Apr. 14, 1896.....	1,930 29
Pier at West Forty-seventh street, with reservation for dump of Department of Street Cleaning on southerly side.....	Bernard Campbell.....	May 1, 1895, to May 1, 1896.	1,000 "	By public sale, Apr. 23, 1895..	750 00
Pier and approach at West Forty-eighth street.....	Jame Parks.....	Aug. 1, 1893, to Aug. 1, 1898.	5,000 "	By resolution, July 13, 1893..	5,000 00
Pier and approach at West Forty-ninth street.....	N. Y. Lake Erie & Western R. R. Co.....	Nov. 1, 1891, to Nov. 1, 1901.	10,000 "	By resolution, Oct. 29, 1891..	10,000 00
Bulkhead south of West Fiftieth street about 83 feet.....	William Brooks' Son Co.....	May 1, 1895, to May 1, 1898.	500 "	By public sale, Apr. 15, 1895..	375 00
Bulkhead between West Fiftieth and West Fifty-first streets, 200 feet.....	Central Ice Co.....	Apr. 1, 1895, to Apr. 1, 1898.	1,600 "	By resolution, Mar. 14, 1895..	1,600 00
Bulkhead between Fifty-fourth and Fifty-fifth streets.....	H. S. & A. H. Mott.....	Apr. 1, 1895, to Apr. 1, 1905 with privilege of two renewals of ten years each.....	2,750 1st term 3,025 2d term 3,400 3d term	(By resolution, Sept. 18, and Oct. 23, 1891, and Mar. 14, 1895.....	3,437 50
Dumping-board at south side, inner end of Pier at West Fifty-fifth street.....	Brown & Fleming.....	At pleasure of the Board..	1,250 per annum.	By resolutions, June 14, Sept. 5, and Nov. 14, 1895..	416 68
New-made land between Fifty-fifth and Fifty-sixth streets, 9,000 square feet.....	Sicilian Asphalt Paving Co.....	At pleasure of the Board..	1,040 "	By resolution, Oct. 21, 1895..	520 00
Bulkhead northerly of West Fifty-fifth street, 110 feet.....	E. C. Clifford & Co.....	At pleasure of the Board..	1,600 "	By resolutions, Mar. 14, and May 3, 1895.....	1,600 00
Pier at foot of West Fifty-eighth street, northerly side, end and surface. South-easterly side reserved for Department of Docks.....	Union Stock Yard and Market Co.....	May 1, 1891, to May 1, 1896.	3,000 "	By public sale, Apr. 14, 1891..	3,000 00
Pier at foot of West Fifty-eighth street, northerly side, end and surface of same	Union Stock Yard and Market Co.....	May 1, 1896, to May 1, 1901.	3,300 "	By public sale, Apr. 14, 1896..	825 00
Beef and coal conveyors on bulkhead between Fifty-eighth and Fifty-ninth streets.....	Eastmans Company.....	\$100 for each conveyor.	\$2,800 per annum.	By resolution, Aug. 1, 1895..	100 00
Land under water for site for Pier at West Fifty-ninth street, 26,700 square feet	N. Y. Central & Hudson R. R. Co.....	Nov. 1, 1892, to Nov. 1, 1902.	By resolution, May 23, 1890..	2,800 00	
Extension of railroad track along bulkhead between Fifty-ninth and Sixtieth streets.....	Eastmans Company.....	At pleasure of the Board..	120 "	By resolution, Oct. 31, 1895..	40 00
Southerly half of bulkhead at West Sixtieth street, 30 feet.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1895, to May 1, 1898.	150 "	By public sale, Apr. 30, 1895..	112 50
Land under water between West Sixtieth and West Sixty-fifth streets, for erection of two piers, 373,063 square feet.....	N. Y. Central & Hudson R. R. Co.....	Aug. 1, 1894, to Aug. 1, 1904.	7,000 "	By resolution, Apr. 23, 1884, and minutes, Jan. 11, 1894..	7,000 00
Land under water between south line of West Sixty-fifth and south line of West Seventy-second streets, westerly to established pier line of 1868, 355,724 square feet.....	N. Y. Central & Hudson R. R. Co.....	Aug. 1, 1894, to Aug. 1, 1904.	8,000 "	By resolution, Apr. 1, 1896..	21,000 00
Bulkhead between Seventy-sixth and Seventy-ninth streets, about 755 feet.....	John D. McLaughlin.....	May 1, 1890, to May 1, 1896.	2,300 "	By public sale, Apr. 23, 1895..	1,725 00
Dumping-board at Pier foot of West Seventy-ninth street.....	John A. Bouker.....	At pleasure of the Board..	900 "	By resolution, May 2, 1895..	825 00
Bulkhead southerly of Eightieth street, about 125 feet, including upland easterly	Thomas Ward.....	At pleasure of the Board..	83.33 per mo.	Minutes, Apr. 7, 1892, and Apr. 26, 1895.....	1,000 00
Bulkhead at foot of West Ninety-seventh street, about 60 feet.....	Thomas J. Brooks.....	May 1, 1893, to May 1, 1896	500 per annum.	By public sale, Apr. 12, 1893..	500 00
Bulkhead at foot of West Ninety-seventh street, about 60 feet.....	William Brooks' Son Co.....	At pleasure of the Board..	500 "	By resolution, Apr. 30, 1896..	.....
Land under water for pipes, etc., foot of West Ninety-seventh street.....	National Transit Co.....	At pleasure of the Board..	100 "	By resolution, Nov. 21, 1888, and Oct. 1, 1891..	100 00
Land under water for pipe south of West Ninety-ninth street.....	National Transit Co.....	At pleasure of the Board..	100 "	By resolutions, Nov. 27 and Dec. 11, 1895.....	25 00
Land under water for platform north of West One Hundred and Eighth street..	Bernheimer & Schmid.....	June 10, 1888, at pleasure of the Board.....	601.50 "	By resolution, May 4, 1888..	601 48
Pier at West One Hundred and Twenty-ninth street, except southerly side, used for dump of Street Cleaning Department.....	McDermott & Co.....	May 1, 1892, to May 1, 1897.	700 "	By public sale, Apr. 5, 1892, and minutes, Sept. 18, 1893..	700 00
Bulkhead between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets.....	McDermott & Co.....	May 1, 1894, to May 1, 1899.	625 "	By public sale, Apr. 27, 1894..	625 00
Bulkhead at foot of West One Hundred and Thirtieth street, and 50 feet northerly, and platform in front of same.....	Riverside & Fort Lee Ferry Co.....	May 1, 1891, to May 1, 1896.	400 "	By public sale, Apr. 14, 1891..	400 00
Bulkhead southerly of West One Hundred and Thirty-first street, and Pier at West One Hundred and Thirty-first street, southerly side.....	Riverside & Fort Lee Ferry Co.....	May 1, 1891, to May 1, 1896.	500 "	By public sale, Apr. 14, 1891..	500 00
Bulkhead between Piers at West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.....	George Grossman.....	May 1, 1896, to May 1, 1897	1,000 "	By public sale, Apr. 14, 1896..	250 00
Ice bridges and scales on south side of Pier at West One Hundred and Thirty-second street.....	National Ice Co.....	At pleasure of the Board..	100 per mo.	By resolution, Apr. 26, 1895..	1,200 00
Bulkhead between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.....	William A. Wells.....	May 1, 1891, to May 1, 1899	300 per annum.	By public sale, Apr. 27, 1894..	300 00
Reclaimed lands between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.....	James Rogers.....	At pleasure of the Board..	1,000 "	By resolution, Oct. 17, 1895..	.....
Pier at West One Hundred and Thirty-third street.....	Ramseell Transportation Co.....	May 1, 1892, to May 1, 1897.	1,200 "	By public sale, Apr. 5, 1892..	1,200 00
Pier at West One Hundred and Thirty-fourth street.....	M. M. McDermott.....	May 1, 1895, to May 1, 1898	300 "	By public sale, Apr. 30, 1895..	300 00
Bulkhead at foot of West One Hundred and Forty-third street, with privilege to lay tracks across said street.....	N. Y. Central & Hudson R. R. Co.....	At pleasure of the Board..	100 "	By resolution, Jan. 9, 1896..	.....
Berth for bath foot of West One Hundred and Fifty-first street.....	W. H. Jones.....	At pleasure of the Board..	40 per mo.	By resolution, Sept. 5, 1895..	320 00
Berth for bath at West One Hundred and Fifty-first street.....	Peter Hunt.....	At pleasure of the Board..	150 per annum.	By resolution, Apr. 16, 1895..	.....
Berth for bath south of Pier at West One Hundred and Fifty-eighth street.....	Frederick E. Glassen.....	At pleasure of the Board..	350 "	By resolutions, Dec. 5, 1895, and Apr. 23, 1896.....	87 50
<i>East River.</i>					
Easterly half of Pier 4.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1891, to May 1, 1896	4,400 "	By public sale, Apr. 14, 1891..	4,400 00
Easterly half of Pier 4.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1896, to May 1, 1897	4,840 "	By public sale, Apr. 14, 1896..	1,210 00
Bulkhead and platform between Piers 4 and 5.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1891, to May 1, 1896	1,100 "	By public sale, Apr. 14, 1891..	1,100 00
Bulkhead and platform between Piers 4 and 5.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1896, to May 1, 1897	306 25	By public sale, Apr. 14, 1896..	306 25
Pier 5.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1891, to May 1, 1897	1,225 "	By public sale, Apr. 14, 1891..	16,500 00
Bulkhead between Piers 5 and 6.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1896, to May 1, 1897	18,150 "	By public sale, Apr. 14, 1896..	4,537 50
Bulkhead between Piers 5 and 6.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1891, to May 1, 1896	1,100 "	By public sale, Apr. 14, 1891..	1,100 00
Pier, old 6.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1891, to May 1, 1896	1,225 "	By public sale, Apr. 14, 1891..	306 25
Pier, old 6.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1896, to May 1, 1897	8,800 "	By public sale, Apr. 14, 1896..	8,800 00
Bulkhead between Piers, new 6 and 7, 97 feet.....	N. Y. Central & Hudson R. R. Co.....	At pleasure of the Board..	9,000 "	By public sale, Apr. 14, 1896..	2,250 00
West half of Pier, new 7.....	N. Y. Central & Hudson R. R. Co.....	At pleasure of the Board..	400 "	By resolution, Apr. 26, 1895..	399 95
Land under water for widening Pier, new 7.....	N. Y. Central & Hudson R. R. Co.....	May 1, 1888, to May 1, 1898	10,000 "	By public sale, Apr. 11, 1888..	10,000 00
Land under water to widen Pier 10.....	J. M. Ceballos.....	Aug. 1, 1890, to May 1, 1898	1,500 "	By resolution, Mar. 7, 1890..	1,500 00
Westerly half of Pier 12 and bulkhead westerly, 100 feet.....	Henry E. Nesmith, Jr.....	Dec. 1, 1891, to pleasure of the Board..	500 "	By resolution, May 14, 1891, and minutes, Dec. 17, 1891..	500 00
Berth for loading cellar-dirt on scows at westerly half of Pier 12.....	Bouker Contracting Co.....	May 1, 1891, to May 1, 1896	2,000 "	By public sale, Apr. 23, 1895..	1,500 0

PROPERTY.	OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.
North River.				
Berth at Battery landing.	Al. Foster Steamboat Co.	At pleasure of the Board.	\$5 00 per day for each boat.	Minutes, May 9, 1895, and April 23, 1895.
"	Knickerbocker Steamboat Co.	"	15 00 per day for each boat.	" May 27, 1895, and April 23, 1896.
"	H. C. Grammenan.	"	5 00 per day for each boat.	" April 23, 1896, and June 11, 1896.
"	N. Y. and Monmouth Park Steamboat Co.	"	5 00 per day for each boat.	" April 23, 1896, and May 27, 1896.

PERMITS Granted by the Board for which Rental is Collected by the Dock Masters.

Land under water for extension, Pier 49, 637 square feet.	N. Y., New Haven & Hartford R. R. Co.	At pleasure of the Board...	\$159.25 per ann.	\$159.25
Land under water for platform north of Pier 49, 4,220 square feet.	N. Y., New Haven & Hartford R. R. Co., assignee.	Jan. 1, 1881, at pleasure of the Board.	1,055 "	By resolution, May 12, 1892, and minutes July 21, 1892. By resolutions, Nov. 22, 1880, July 21, 1886, and Sept. 12, 1895.
Land under water for platform at bulkhead south of Pier 50, 19,080 square feet.	N. Y., New Haven & Hartford R. R. Co.	At pleasure of the Board...	4,770 "	By resolution, May 25, 1880.
Land under water for platform between Piers 50 and 51, 10,725 square feet.	Harlem River & Port Chester R. R. Co.	At pleasure of the Board...	2,681.25 "	By resolutions, May 7, 1874, and Nov. 6, 1879.
East half of Pier 51, west half of Pier 52, and bulkhead, etc., between.	N. Y., New Haven & Hartford R. R. Co.	May 1, 1888, to May 1, 1898	8,00 "	By public sale, Sept. 20, 1887.
Land under water for platform between Piers 51 and 52, including shed, 8,378 square feet.	N. Y., New Haven & Hartford R. R. Co.	Dec. 30, 1890, to May 1, 1898	2,194.50 "	By resolution, Sept. 11, 1890, and minutes, Aug. 4, 1892.
Land under water for platform west of Pier, old 53, 7,426 square feet.	Duryea Brothers.	At pleasure of the Board...	1,856.50 "	By resolutions, Feb. 7 and Apr. 25, 1895.
Land under water for platform west side of Pier 53, 844 square feet.	H. D. Mould.	May 1, 1891, at pleasure of the Board...	125 "	By resolutions, Feb. 26 and Apr. 2, 1891.
Easterly half of Pier 53.	H. D. Mould.	May 1, 1895, to May 1, 1896	200 "	By public sale, Apr. 23, 1895.
Bulkhead foot of Corlears street, 60 feet.	John W. Sullivan.	May 1, 1896, to May 1, 1897	200 "	By public sale, Apr. 14, 1896.
Bulkhead foot of Corlears street, 60 feet.	John A. Bouker.	May 1, 1895, to May 1, 1896	100 "	By public sale, Apr. 23, 1895.
Bulkhead foot of Cherry street, 50 feet.	John W. Sullivan.	May 1, 1895, to May 1, 1897	100 "	By public sale, Apr. 14, 1896.
Bulkhead foot of Cherry street.	Lawrence Son & Gerrish.	May 1, 1895, to May 1, 1896	100 "	By public sale, Apr. 23, 1895.
North half of Pier, old 56, south half of Pier, old 57, and bulkhead between.	Hecker-Jones-Jewell Milling Co.	May 1, 1895, to May 1, 1897	100 "	By public sale, Apr. 14, 1896.
North half of Pier, old 56, south half of Pier, old 57 and bulkhead between.	Hecker-Jones-Jewell Milling Co.	May 1, 1895, to May 1, 1896	1,500 "	By public sale, Apr. 23, 1895.
Northerly half of Pier, old 58 and bulkhead northerly.	Joseph K. Smith.	At pleasure of the Board...	1,500 "	By public sale, Apr. 14, 1896.
Pier 60 and bulkhead northerly, 200 feet.	John A. McCarthy.	May 1, 1895, to May 1, 1898	2,100 "	By resolution, Apr. 1, 1895.
Northerly half and outer end of Pier, old 61.	Etzel & Son.	May 1, 1895, to May 1, 1896	1,500 "	By public sale, Apr. 5, 1892.
Northerly half and outer end of Pier, old 61.	Etzel & Son.	May 1, 1895, to May 1, 1897	900 "	By public sale, Apr. 23, 1895.
South half of Pier 62 and bulkhead southerly, about 100 feet.	James Shewan & Son.	At pleasure of the Board...	3,500 "	By resolutions, Dec. 6, 1894, and Apr. 25, 1895.
One hundred and fifteen feet of the northerly side, inner end, of Pier 62, and 60 feet of bulkhead on Stanto street.	H. A. Peck & Co.	At pleasure of the Board...	1,500 "	By resolutions, Dec. 6, 1894, and May 2, 1895.
One hundred and thirty feet of bulkhead (adjoining H. A. Peck & Co.) on the northerly side of Pier 62.	John T. Welch.	At pleasure of the Board...	1,500 "	By resolutions, Dec. 6, 1894, and May 3, 1895.
Bulkhead at East Fourth street, 60 feet and return along the northerly side, 252 feet.	Hencken & Co.	May 1, 1895, to May 1, 1896	600 "	By public sale, Apr. 23, 1895.
Bulkhead at East Fourth street, 60 feet and return along the northerly side, 252 feet.	Hencken & Co.	At pleasure of the Board...	700 "	By resolution, Apr. 30, 1896.
Ice bridge, etc., on Pier at Fifth street.	Hazelwood Ice Co.	At pleasure of the Board...	1,200 "	By resolutions, May 29, 1895, and Apr. 9 and 16, 1896.
Northerly half of Pier at Eighth street.	Emeline Roach.	At pleasure of the Board...	62.50 per mo.	By resolutions, Aug. 30, 1893, and Sept. 13 and Nov. 28, 1894, and May 3, 1895.
Pier at Ninth street, southerly half of Pier at Tenth street and bulkhead between.	Estate of John Roach.	At pleasure of the Board...	187.50 "	By resolutions, Aug. 30, 1893, and May 3, 1895.
Northerly half of Pier at foot of Tenth street and southerly half of Pier at foot of Eleventh street.	Estate of George Law.	At pleasure of the Board...	1,500 per ann.	By resolutions, May 3, 1895.
Bulkhead at East Fourteenth street, 110 feet.	Murray & Co.	May 1, 1892, to May 1, 1897	525 "	By resolution, Mar. 8, 1892.
Bulkhead at East Fifteenth street, 65 feet.	Consolidated Gas Co.	May 1, 1894, to May 1, 1899	300 "	By public sale, Apr. 5, 1892.
Bulkhead between East Seventeenth and East Eighteenth streets.	Murray & Co.	May 1, 1895, to May 1, 1896	125 "	By public sale, Apr. 27, 1894.
Pier at East Eighteenth street, with reservation for public bath.	Carroll Box and Lumber Co.	4,000 1st term	4,000 1st term	By resolution, Oct. 25, 1894.
Bulkhead foot of East Twenty-second street.	Brooklyn & N. Y. Ferry Co.	Renewal at appraised rental	4,300 00	By public sale, Jan. 30, 1891.
Bulkhead south of East Twenty-fourth street north of ferry premises.	Greenpoint Ferry Co.	150 1st term	150 00	By public sale, Mar. 22, 1881.
Bulkhead between East Twenty-fifth and East Twenty-sixth streets.	Candee & Smith.	165 2d term	4,500 00	By resolution, Oct. 27, 1892.
Bulkhead at East Thirtieth street, 60 feet.	William Hastorf.	4,100 per ann.	4,100 00	By public sale, Apr. 27, 1894.
Dumping-board at foot of East Thirtieth street.	William Hastorf.	4,500 1st term	4,500 00	By resolutions, Jan. 23 and Apr. 9 1896.
Pier at foot of East Thirty-first street.	Joseph V. Brown.	5,000 2d term	94 21	By public sale, Apr. 5, 1892.
Pier at foot of East Thirty-second street.	J. H. Starin.	2,750 per ann.	2,750 00	By public sale, Apr. 5, 1892.
Southerly side of Pier at East Thirty-third street.	Knickerbocker Ice Co.	1,400 "	1,750 00	By resolution, May 2, 1895.
Bulkhead foot of East Thirty-sixth street, 60 feet.	Popham & Co.	125 per mo.	1,500 00	By public sale, Apr. 1, 1895.
Pier at East Thirty-seventh street (with reservation for public bath).	Baltimore & Ohio R. R. Co.	300 per ann.	225 00	By public sale, Apr. 14, 1891.
Pier at East Thirty-seventh street (with reservation for public bath).	Baltimore & Ohio R. R. Co.	1,000 "	1,000 00	By public sale, Apr. 14, 1896.
Ice bridge, etc., at Pier foot of East Thirty-seventh street.	J. N. Briggs.	125 "	275 00	By resolutions, May 16 and June 5, 1895.
Platform south of East Thirty-eighth street, about 50 feet.	Cornelius Gallagher.	May 1, 1895, to May 1, 1896	50 "	By public sale, Apr. 23, 1895.
Northerly half of bulkhead between East Thirty-eighth and East Thirty-ninth streets.	Michael J. Keating.	At pleasure of the Board...	100 "	By resolutions, Jan. 9 and 16, 1896.
Bulkhead and dump at East Thirty-ninth street.	Long Island Land Fertilizing Co.	At pleasure of the Board...	2,000 "	By resolutions, Apr. 30, 1891, and May 2, 1895.
Bulkhead at foot of East Fortieth street, 60 feet.	Equitable Gas-light Co.	May 1, 1895, to May 1, 1898	150 "	By public sale, Apr. 1, 1895.
Bulkhead at foot of East Forty-first street, 60 feet.	Equitable Gas-light Co.	May 1, 1895, to May 1, 1899	110 "	By public sale, Apr. 1, 1895.
Bulkhead at foot of East Forty-second street, 100 feet.	Daniel Butterfield.	At pleasure of the Board...	300 "	By public sale, Apr. 23, 1895.
Bulkhead at foot of East Forty-third street, 60 feet.	Lehigh Valley R. R. Co.	May 1, 1895, to May 1, 1898	325 "	By public sale, Apr. 1, 1895.
Bulkhead at foot of East Forty-fourth street, 65 feet.	Lehigh Valley R. R. Co.	May 1, 1895, to May 1, 1898	50 "	By public sale, Apr. 1, 1895.
Bulkhead at Forty-seventh street.	Owens & Co.	May 1, 1895, to May 1, 1896	550 "	By public sale, Apr. 14, 1891.
Bulkhead at East Forty-seventh street.	Owens & Co.	At pleasure of the Board...	550 "	By resolution, Oct. 24, 1895.
Bulkhead at East Forty-eighth street, 60 feet.	Charles A. Stadler.	May 1, 1892, to May 1, 1897	150 "	By resolution, Oct. 24, 1895.
Bulkhead at East Forty-ninth street, 60 feet.	Brown & Fleming.	At pleasure of the Board...	525 "	By public sale, Apr. 5, 1892.
Land and land under water in front of southerly half of block between East Fifty-fourth and East Fifty-fifth streets, 6,701 square feet.	Consumers' Brewing Co.	July 1, 1893, to July 1, 1898	150 "	By public sale, June 7, 1893.
Land under water in front of northerly half of block between East Fifty-fourth and East Fifty-fifth streets, 4,230 square feet.	John Kress Brewing Co.	At pleasure of the Board...	150 "	By public sale, June 7, 1893.
Land under water for coal-hoist near the bulkhead on northerly side of East Fifty-sixth street, 859 square feet.	G. D. Curtis.	At pleasure of the Board...	250 "	By resolution, Sept. 1, 1887.
Site for bulkhead between East Fifty-sixth and East Fifty-seventh streets.	Schmidt & Koehne.	At pleasure of the Board...	100 "	By resolution, Apr. 30, 1894.
Land under water for dumping-board, south of East Sixtieth street, and approach to same.	Brown & Fleming.	At pleasure of the Board...	900 "	By resolution, Jan. 23, 1896.
Filled-in land easterly of original high water mark in front of southerly half of block between Sixty-second and Sixty-third streets, and platform in front of same.	Farmers' Feed Company of New York and New Jersey.	At pleasure of the Board...	600 "	By resolution, May 17, 1895.
Filled-in land in front of northerly half of block between East Sixty-second and East Sixty-third streets, and platform in front of same.	Ehrenreich Bros.	At pleasure of the Board...	600 "	By resolution, May 9, 1895.
Bulkhead at foot of East Sixty-third street, 65 feet.	Neidlinger & Sons.	May 1, 1895, to May 1, 1898	500 "	By public sale, Apr. 1, 1895.
Bulkhead between East Sixty-third and East Sixty-fourth streets, 235 feet.	Adam Neidlinger, assignee.	June 1, 1892, to June 1, 1902	700 "	By public sale, May 9, 1892, and minutes, Feb. 23, 1893.
Land under water for bulkhead northerly of East Seventy-fourth street, 2,384 square feet.	Thomas Patten.	At pleasure of the Board...	429.12 "	By resolutions, Nov. 21, 1877, and Oct. 17 and Nov. 14, 1893.
Bulkhead platform between East Seventy-eighth and East Seventy-ninth streets, about 190 feet.	Charles W. Morse.	May 1, 1893, to May 1, 1896	1,800 "	By public sale, Apr. 12, 1893.
Bulkhead platform between East Seventy-eighth and East Seventy-ninth streets, 190 feet.	William N. Bavier.	May 1, 1896, to May 1, 1897	1,800 "	By public sale, Apr. 14, 1896.
Bulkhead platform between East Seventy-ninth and East Eightieth streets.	Nathaniel Wise.	May 1, 1895, to May 1, 1896	150 "	By resolution, Apr. 16, 1895.
Bulkhead platform, etc., between East Seventy-ninth and East Eightieth streets.	Nathaniel Wise.	At pleasure of the Board...	500 "	By public sale, Apr. 23, 1893.
Bath-houses, etc., north of East Eighty-ninth street.	Mrs. Mary A. Jeroloman.	At pleasure of the Board...	100 "	By resolution, Apr. 30, 1896.
Bulkhead at East Ninety-third street, 75 feet.	Knickerbocker Ice Co.	May 1, 1891, to May 1, 1896	1,320 "	By resolution, Jan. 30, 1896.
Bulkhead at East Ninety-third street, 75 feet.	Knickerbocker Ice Co.	May 1, 1896, to May 1, 1897	1,500 "	By public sale, Apr. 14, 1896.
Northerly side of Pier at East Ninety-fourth street.	Hencken & Co.	May 1, 1893, to May 1, 1903	\$2,250 per ann.	By public sale, Apr. 13, 1893.
Dumping-boards between East Ninety-fourth and East Ninety-fifth streets.	Albert H. Hastorf.	At pleasure of the Board...	1,000 per ann. to May 1, 1903	By resolution, Jan. 30, 1896.
Bulkhead northerly of Pier at East Ninety-sixth street, about 140 feet.	Solomon Mehrbach.	\$2,050 per ann.	512 50	By public sale, Apr. 27, 1894.
Harlem River.	N. Y. and College Point Ferry Co.	At pleasure of the Board...	30 per mo.	By resolution, July 25, 1895.
Portion of Pier at East One Hundredth street, and land under water at southerly side.	Doherty Bros.	At pleasure of the Board...	1,000 per ann.	

Car tracks on Marginal street, foot of Barclay street.....	Metropolitan Traction Co.....	At pleasure of the Board.	\$100 00 per annum.....	Minutes, Mar. 22, 1895.
Berth at Pier, old 42.....	Citizens' Steamboat Co.....	"	5 00 per day.....	" 5, 1895.
Berth " " "	4 00	"	4 00	" 10, "
Car tracks across bulkhead to ferry-house foot of Christopher street.....	Metropolitan Street Railway Co.....	"	100 00 per annum.....	" 21, 1895.
Berth for oyster boat north of West Tenth street.....	W. Stringham.....	"	2 00 per day.....	May 3, "
" " "	Thomas H. Dorsey.....	"	2 00	" 3, "
" " "	Morgan Brothers.....	"	2 80	" 3, "
" " "	J. J. Housman.....	"	2 80	" 3, "
" " "	J. V. Decker.....	"	2 80	" 3, "
" " "	C. C. Jones.....	"	2 80	" 3, "
" " "	P. Ellsworth.....	"	2 80	" 3, "
" " "	J. I. Merrill.....	"	2 80	" 3, "
" " "	Van Name & Co.....	"	2 80	" 3, "
" " "	Bedell & Merrill.....	"	2 80	" 3, "
" " "	J. P. Kempton.....	"	2 80	" 3, "
" " "	W. Simonson.....	"	2 80	" 3, "
" " "	J. & J. N. Ellsworth.....	"	2 80	" 3, "
" " "	Tim Shee Co.....	"	2 80	" 3, "
" " "	Still & Pattison.....	"	2 80	" 3, "
" " "	Citizens' Steamboat Co.....	"	2 80	" 3, "
" " "	Benjamin Griggs.....	"	2 80	" 3, "
" " "	Brown & Fleming.....	"	2 80	" 3, "
" " "	M. C. Dexter.....	"	2 80	" 3, "
" " "	Joseph May.....	"	2 80	" 3, "
" " "	Steamboat "Albany".....	"	2 80	" 3, "
" " "	John Donnelly.....	"	2 80	" 3, "
" " "	John A. Bouker.....	"	2 80	" 3, "
" " "	Postal Telegraph Co.....	"	2 80	" 3, "
" " "	Trap & Bussing.....	"	2 80	" 3, "
Berth at Pier, old 57.....	Peter Conroy.....	"	2 80 per month.....	Mar. 5, 1896.
Berth at Pier foot of West Thirteenth street.....	Michael Claffy.....	"	2 80 per month.....	" 5, "
Dump at Nineteenth street.....	Frederick Shafer.....	"	2 80 per month.....	May 23, 1895.
Berth for bath at West Twentieth street.....	William Kramer.....	"	2 80 per month.....	Apr. 13, 1895.
Floating landing north side of Pier at Thirty-fourth street.....	Waverley Boat Club.....	"	2 80 per month.....	Oct. 18 and 25, 1894.
Berth at Pier foot of West Fifteenth street.....	F. T. Volk.....	"	2 80 per month.....	July 3, 1895.
Berth for scow between West Fifty-second and West Fifty-third streets.....	John Veitch.....	"	2 80 per month.....	Jan. 3, 1895.
Berth for scow at foot of West Seventy-fifth street.....	Edward Keen.....	"	2 80 per month.....	Apr. 6, 1893.
Cable box at foot of Seventy-ninth street.....	John Wagner.....	"	2 80 per month.....	Nov. 2, 1893, and May 2, 1895.
Coal-hoist, etc., foot of Ninety-sixth street.....	N. Y. and Mount Vernon Transportation Co.....	"	2 80 per month, June to Dec. 50 per month, Jan. to May	June 28, 1895.
Boat-house at south side of Pier at West One Hundred and Thirty-eighth street.....	A. D. Snow.....	"	50 per month.....	Jan. 30, 1896.
Boat-house, south side One Hundred and Forty-eighth street.....	George V. Brower.....	"	60 00 per annum.....	June 7, 1894.
Boat-house foot of One Hundred and Fifty-third street.....	Cornelius Gallagher.....	"	60 00 per month.....	July 18, 1895.
Land under water for bath-house north of One Hundred and Fifty-fifth street.....	J. Fleischhauer.....	"	2 00 ".....	" 28, 1892.
Boat-house at West One Hundred and Fifty-sixth street.....	Kane & Wright.....	"	2 00 ".....	Apr. 16, 1895.
Land under water for boat-house north of One Hundred and Fifty-eighth street.....	Brown & Fleming.....	"	1 00 ".....	May 2, 1895.
Boat-house and float at One Hundred and Sixty-second street.....	M. Koenig.....	"	2 00 ".....	Sept. 8, 1893.
Bathing-houses foot of One Hundred and Sixty-third street.....	John A. Bouker.....	"	100 00 per annum.....	May 16 and 23, 1895.
Boat-house and float between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets.....	P. Fitzgerald.....	"	4 00 per month.....	June 29 and Aug. 3, 1893.
East River.	John Naigeli.....	"	5 00 per day.....	July 25, 1895.
Berth Pier at 43.....	Forty second Street, Manhattanville and St. Nicholas Avenue Railroad Co.....	"	5 00 "	Aug. 13, 1895.
Berth for bath foot of Third street.....	Hiram McDonald.....	"	9 88 per month.....	May 12, 1892.
Land under water for platform southerly side of Pier foot of Eighth street.....	C. Velle.....	"	150 00 per annum.....	Feb. 14 and 21, 1895.
Shed on made land between East Thirty-seventh and East Thirty-eighth streets.....	William Oliver.....	"	10 00 per month.....	May 17, 1888.
Bulkhead foot of Forty-fifth street.....	Bohemian Boat Club.....	"	3 00 per day.....	Aug. 23 and Oct. 25, 1888, and May 9, 1895.
Dumping-board foot of Forty-sixth street.....	J. H. McConnell.....	"	50 ".....	Feb. 26, 1891.
Dumping-board north of Fifty-fifth street.....	Nassau Boat Club.....	"	12 50 per month.....	June 9, 1892, and May 3 and 9, 1895.
Berth for bath foot of Fifty-sixth street.....	Archibald Watt.....	"	24 77 "	May 24 and June 14, 1888.
Dumping-board between Seventy-first and Seventy-second streets.....	Lone Star Boat Club.....	"	5 00 "	Apr. 9 and 16, 1896.
Harlem River.	James Moss.....	"	5 00 ".....	Apr. 2, 1896.
Float between One Hundred and Second and One Hundred and Third streets.....	Henry Cook.....	"	10 00 per month.....	Aug. 2 and Nov. 22, 1894.
Car tracks on Marginal street, between One Hundred and Ninth and One Hundred and Tenth streets.....	John Barth.....	"	10 00 "	Mar. 30 and Apr. 6, 1893.
Berth for float at One Hundred and Ninth street.....	Morris Deitsch.....	"	50 ".....	Mar. 30 and Apr. 6, 1893, and May 3, 1895.
Berth for float at One Hundred and Tenth street.....		"	1 00 "	Apr. 3, 1890, and Jan. 28, 1892.
Boat-house foot of Lexington avenue.....		"	5 00 "	Sept. 12, 1895.
Floating foot of Lexington avenue.....		"	10 00 "	May 11, 1892.
Boat-house between Lexington and Fourth avenues.....		"	35 00 "	June 7, 1894.
Berth for steam yacht "Golden Rod" at East One Hundred and Thirty-ninth street.....		"	5 00 "	July 28, 1892.
Boat-house foot of One Hundred and Fifty-third street.....		"	1 00 per day.....	Apr. 30, 1891, and Sept. 22, 1892.
Boat-house foot of One Hundred and Fifty-fourth street.....		"	5 00 per month.....	Oct. 25 and Nov. 21, 1894, and Mar. 28 and June 20, 1895.
Bath-house at One Hundred and Thirty-fourth street, Long Island Sound.....		"	5 00 "	July 3, 1894.
Boat-house foot of Bungay street, Long Island Sound.....		"	5 00 "	Sept. 22, 1892.

## APPORTIONMENT OF AUDITED DISBURSEMENTS FOR THE YEAR ENDING APRIL 30, 1896.

To the Board of Docks:

GENTLEMEN—The following "Apportionment of the Audited Disbursements of the Department for the year ending April 30, 1896," is respectfully submitted, viz.:

## ON CONSTRUCTION ACCOUNT—NEW PLAN—PERMANENT WORK.

1895-96.	To Date.
\$488 36	.....
9,245 97	\$9,245 97
151 44	275,353 33
289 14	73,618 01
1,525 73	.....
11 20	73,013 34
5,748 74	5,748 74
68 68	68 68
5,527 27	.....
865 72	.....
10 78	86,919 10
35,454 61	44,745 44
211 24	260,732 67
1,323 06	113,668 63
41 44	76,969 50
96 86	143,394 75
89 82	10,278 22
35,272 90	72,134 48
700 87	112,965 25
7 51	57,487 33
11,782 00	55,303 89
5,075 69	237,575 33
68 56	199,979 45
546 97	546 97
30 59	100,937 23
2,591 88	2,591 88
2,723 02	3,669 20
61 63	.....
136 13	136 13
7,544 69	491,138 06
1,666 03	57,938 52
32,041 59	44,682 53
158 82	39,111 42
\$162,557 94	.....

## ON CONSTRUCTION ACCOUNT—NOT NEW PLAN.

Paving rear of bulkhead, foot of West Ninety-sixth street, N. R. (Contract No. 520).....	\$295 49
Paving rear of bulkhead, between West Ninety-sixth and West Ninety-seventh streets, N. R. (Contract No. 520).....	918 21
Paving rear of bulkhead foot of West Ninety-seventh street, N. R. (Contract No. 520).....	272 76
Paving rear of bulkhead, between West Ninety-seventh and West Ninety-eighth streets, N. R. (Contract No. 520).....	672 80
Pier at West Ninety-seventh street, N. R. (specifications).....	154 55
Bulkhead, from a point about 100 feet north of West Ninety-seventh street to a point about 20 feet and 6 inches north of West Ninety-ninth street, N. R. (reclaimed land, Secretary's Order No. 1202).....	227 16
Bulkhead, from East One Hundred and Thirty-eighth to East One Hundred and Forty-first street, H. R. (reclaimed land, Secretary's Order No. 1126).....	1,581 53
For Health Department.	
Crib-bulkhead at west side of Riker's Island (Secretary's Order No. 1581).....	99 91
Crib-bulkhead at east side of Riker's Island (Secretary's Order No. 1401).....	705 17
For Department of Public Charities.	
Coal Pier at Randall's Island (Contract No. 541).....	235 05
Coal Pier at Ward's Island (Contract No. 495).....	2,093 24
For Department of Street Cleaning.	
Foundations for storage and dumping bins at East Seventeenth street (Contract No. 529).....	61 35
Total.....	\$8,213 22

## ON REPAIRS AND MAINTENANCE ACCOUNT.

REPAIRS, ETC.	DREDGING.	TOTALS.
Platform at Battery wall.....	\$311 08	\$311 08
Boat landing east of Pier "A".....	2,423 46	2,423 46
Pier "A".....	1,551 96	\$1,551 96
Building on Pier "A".....	4,164 35	4,164 35
Bulkhead-wall between Pier "A" and Pier, new 1, N. R. ....	53 58	53 58
Pier, new 1, N. R. ....	1 70	1 70
Pier, new 15, N. R. ....	63 38	63 38
Bulkhead-wall between Piers, new 21 and 22, N. R. ....	4,012 41	\$1,273 24
Pier, old 40, N. R. ....	106 61	106 61
Temporary pier between Piers, old 41 and new 34, N. R. ....	605 61	605 61
Pier, new 38, N. R. ....	873 38	873 38
Pier, new 39, N. R. ....	5,501 68	5,501 68
Pier, new 40, N. R. ....	129 69	129 69
Bulkhead-wall between Piers, new 41 and 42, N. R. ....	37 58	37 58

Bulkhead between West Forty-third and West Forty-fourth streets, N.R.	.....	\$243 73	\$243 73
Pier at West Forty-fourth street, N.R.	\$122 42	2,145 00	2,257 42
Pier at West Forty-fifth street, N.R.	3 04	.....	3 04
Pier at West Forty-sixth street, N.R.	26,299 95	.....	26,299 95
Pier at West Forty-seventh street, N.R.	173 89	.....	173 89
Pier at West Forty-eighth street, N.R.	3 04	.....	3 04
Pier at West Forty-ninth street, N.R.	3 04	.....	3 04
Pier at West Fiftieth street, N.R.	1,450 19	4,662 31	6,112 50
Bulkhead between West Fiftieth and West Fifty-first street, N.R.	.....	403 14	403 14
Pier at West Fifty-first street, N.R.	6,093 09	2,053 90	8,146 99
Platform between West Fifty-first and West Fifty-second streets, N.R.	41 10	.....	41 10
Pier at West Fifty-second street, N.R.	568 58	1,433 58	2,002 16
Pier at West Fifty-fourth street, N.R.	190 37	6,369 39	6,559 76
Pier at West Fifty-fifth street, N.R.	117 82	403 43	521 43
Pier at West Fifty-sixth street, N.R.	727 55	.....	727 55
Pier at West Fifty-seventh street, N.R.	392 33	1,068 61	1,460 94
Bulkhead between West Fifty-seventh and West Fifty-eighth streets, N.R.	.....	494 00	494 00
Pier at West Fifty-eighth street, N.R.	3 04	.....	3 04
Pier at West Fifty-ninth street, N.R.	3 04	.....	3 04
Bulkhead foot West Seventy-fifth street, N.R.	38 75	293 16	331 91
Bulkhead between West Seventy-fifth and West Seventy-sixth streets, N.R.	.....	734 79	734 79
Bulkhead foot West Seventy-sixth street, N.R.	3 04	229 22	232 26
Bulkhead between West Seventy-sixth and West Seventy-seventh streets, N.R.	.....	507 09	507 09
Bulkhead foot West Seventy-seventh street, N.R.	3 04	258 83	267 87
Bulkhead between West Seventy-seventh and West Seventy-eighth streets, N.R.	.....	690 09	690 09
Bulkhead foot West Seventy-eighth street, N.R.	3 04	329 56	332 60
Bulkhead between West Seventy-eighth and West Seventy-ninth streets, N.R.	721 76	455 97	1,177 73
Bulkhead foot West Eightieth street, N.R.	104 09	55 20	159 29
Bulkhead foot West Eighty-first street, N.R.	258 41	60 84	167 31
Bulkhead foot West Eighty-second street, N.R.	3 04	.....	3 04
Bulkhead foot West Eighty-third street, N.R.	3 04	.....	3 04
Bulkhead foot West Eighty-fourth street, N.R.	3 04	.....	3 04
Bulkhead foot West Ninety-sixth street, N.R.	1,138 47	109 26	1,247 73
Bulkhead foot West Ninety-seventh street, N.R.	3 04	.....	3 04
Bulkhead foot West Ninety-eighth street, N.R.	3 04	.....	3 04
Pier at West One Hundred and Twenty-ninth street, N.R.	213 41	330 23	543 64
Bulkhead between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets, N.R.	.....	500 06	500 06
Platform at foot and north of West One Hundred and Thirtieth street, N.R.	.....	508 28	508 28
Pier at West One Hundred and Thirty-first street, N.R.	44 86	286 05	330 91
Bulkhead between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets, N.R.	19 96	209 53	239 49
Pier at West One Hundred and Thirty-second street, N.R.	584 27	490 61	1,080 88
Bulkhead between West One Hundred and Thirty-second and West One Hundred and Thirty-third street, N.R.	63 92	154 46	218 38
Pier at West One Hundred and Thirty-third street, N.R.	29 90	.....	29 90
Pier at West One Hundred and Thirty-fourth street, N.R.	22 93	.....	22 93
Pier at West One Hundred and Thirty-eighth street, N.R.	214 38	.....	214 38
Pier at West One Hundred and Fifty-second street, N.R.	681 21	.....	681 21
Pier at West One Hundred and Fifty-fifth street, N.R.	482 70	.....	482 70
Pier at West One Hundred and Fifty-eighth street, N.R.	115 03	8 37	123 40
Pavement on Marginal street, west of West street, N.R.	4,437 04	.....	4,437 04
Pier, new 6, E.R.	1,016 13	.....	1,016 13
Pier, 19 E.R., west half.	591 20	.....	591 20
Bulkhead between Piers 35 and 36, E.R.	456 24	.....	456 24
Pier, new 29, E.R., foot Market street.	73 42	.....	73 42
Pier, new 32, E.R., foot Pike Slip.	81 85	.....	81 85
Pier 43, E.R.	833 02	.....	833 02
Pier 44, E.R.	283 62	.....	283 62
Bulkhead west of Pier 48, E.R. (7 feet in length).	813 02	.....	813 02
Pier 48, E.R.	7 67	.....	7 67
Pier 54, E.R.	294 84	78 66	373 50
Pier 55, E.R.	345 61	48 63	48 63
Pier 58, E.R.	477 74	566 03	345 61
Pier 64, E.R.	1,465 65	1,465 65	566 03
Pier at Stanton street, E.R.	1,262 93	.....	1,262 93
Pier at East Third street, E.R.	3 04	.....	3 04
Bulkhead foot East Fourth street, E.R.	302 90	.....	302 90
Pier at Fifth street, E.R.	1,262 93	.....	1,262 93
Pier at Sixth street, E.R.	3 04	.....	3 04
Pier at Seventh street, E.R.	3 04	.....	3 04
Pier at Eighth street, E.R.	3 04	897 57	900 61
Pier at East Ninth street, E.R.	3 04	1,679 54	1,682 58
Bulkhead between East Ninth and East Tenth streets, E.R.	.....	177 84	177 84
Pier at East Tenth street, E.R.	3 04	633 31	633 31
Bulkhead foot East Fourteenth street, E.R.	3 04	.....	3 04
Bulkhead foot East Fifteenth street, E.R.	3 04	.....	3 04
Bulkhead foot East Sixteenth street, E.R.	3 04	.....	3 04
Bulkhead along centre line extended, of East Seventeenth street, E.R.	8,189 84	.....	8,189 84
Bulkhead between East Seventeenth and East Eighteenth streets, E.R.	.....	164 37	164 37
Pier at East Eighteenth street, E.R.	3 04	1,918 28	1,921 22
Bulkhead foot East Twentieth street, E.R.	3 04	86 66	89 70
Bulkhead foot East Twenty-first street, E.R.	3 04	.....	3 04
Bulkhead foot East Twenty-second street, E.R.	114 44	.....	114 44
Pier at East Twenty-fourth street, E.R.	21 61	.....	21 61
Pier at East Twenty-fifth street, E.R.	630 38	.....	630 38
Pier at East Twenty-eighth street, E.R.	62 92	193 10	62 92
Bulkhead foot East Thirtieth street, E.R.	.....	193 10	193 10
Pier at East Thirty-first street, E.R.	3 04	.....	3 04
Pier at East Thirty-second street, E.R.	3 04	.....	3 04
Pier at East Thirty-third street, E.R.	147 63	14 25	147 63
Bulkhead foot East Thirty-sixth street, E.R.	201 60	215 85	215 85
Bulkhead foot East Thirty-seventh street, E.R.	3 04	.....	3 04
Pier at East Thirty-eighth street, E.R.	251 38	.....	251 38
Pier at East Thirty-ninth street, E.R.	3 04	.....	3 04
Bulkhead foot East Fortieth street, E.R.	3 04	.....	3 04
Bulkhead foot East Forty-first street, E.R.	3 04	.....	3 04
Bulkhead foot East Forty-second street, E.R.	3 04	.....	3 04
Bulkhead foot East Forty-third street, E.R.	3 04	.....	3 04
Pier at East Forty-sixth street, E.R.	519 51	519 51	519 51
Bulkhead foot East Forty-eighth street, E.R.	535 40	535 40	535 40
Bulkhead foot East Forty-ninth street, E.R.	272 55	272 55	272 55
Bulkhead foot East Fifty-fourth street, E.R.	792 14	35 56	827 70
Water-front between East Fifty-ninth and East Sixtieth streets, E.R.	239 41	239 41	239 41
Pier at East Sixtieth street, E.R.	3 04	.....	3 04
Bulkhead and platform between East Sixtieth and East Sixty-first streets, E.R.	60 43	.....	60 43
Pier at East Sixty-first street, E.R.	25 74	.....	25 74
Bulkhead and platform between East Sixty-first and East Sixty-second streets, E.R.	511 71	51 86	563 57
Pier at East Sixty-second street, E.R.	197 69	.....	197 69
Platform between East Sixty-second and East Sixty-third streets, E.R.	2,659 73	104 44	2,704 17
Pier foot East Sixty-fourth streets, E.R.	3 04	.....	3 04
Bulkhead foot East Seventeenth street, E.R.	3 04	.....	3 04
Bulkhead foot East Seventy-fourth street, E.R.	3 04	.....	3 04
Bulkhead foot East Seventy-fifth street, E.R.	175 58	175 58	175 58
Pier at East Ninety-sixth street, E.R.	9 90	.....	9 90
Bulkhead bet. East Ninety-sixth and East Ninety-seventh streets, E.R.	2 30	.....	2 30
Bulkhead between East Ninety-ninth street, E.R., and East One Hundred street, H.R.	69	.....	69
Pier at East One Hundredth street, H.R.	10 68	.....	10 68
Bulkhead foot of East One Hundred and First street, H.R.	3 17	.....	3 17
Bulkhead between East One Hundred and First and East One Hundred and Second streets, H.R.	90	.....	90
Bulkhead foot East One Hundred and Second street, H.R.	3 17	.....	3 17
Bulkhead between East One Hundred and Second and East One Hundred and Third streets, H.R.	90	.....	90
Bulkhead foot of East One Hundred and Third street, H.R.	3 17	.....	3 17
Bulkhead between East One Hundred and Third and East One Hundred and Fourth streets, H.R.	90	.....	90
Bulkhead foot East One Hundred and Fifth street, H.R.	3 16	.....	3 16
Bulkhead foot East One Hundred and Sixth street, H.R.	3 03	.....	3 03
Bulkhead foot East One Hundred and Seventh street, H.R.	42 92	28 24	71 16
Bulkhead-wall between East One Hundred and Seventh and East One Hundred and Eighth streets, H.R.	90	181 85	182 75
Bulkhead foot East One Hundred and Eighth street, H.R.	3 16	45 68	48 84
Bulkhead between East One Hundred and Eighth and East One Hundred and Ninth streets, H.R.	90	128 69	129 59

Bulkhead foot East One Hundred and Ninth street, H.R.	.....	\$3 16	\$40 38	\$43 54
Bulkhead between East One Hundred and Ninth and East One Hundred and Tenth streets, H.R.	.....	90	70 19	71 00
Pier at East One Hundred and Tenth street, H.R.	148 63	.....	23 55	172 18
Bulkhead foot East One Hundred and Eleventh street, H.R.	3 03	.....	.....	3 03
Bulkhead foot East One Hundred and Twelfth street, H.R.	3 03	.....	.....	3 03
Pier at East One Hundred and Seventeenth street, H.R.	122 49	55 66	674 15	320 36
Platform at East One Hundred and Twentieth street, H.R.	320 36	.....	.....	320 36
Water-front at Pleasant avenue and East One Hundred and Twenty-fourth street, H.R.	128 71	.....	.....	128 71
Bulkhead foot East One Hundred and Twenty-fifth street, H.R.	12 90	107 60	120 50	.....
Bulkhead foot East One Hundred and Twenty-ninth street and Second avenue, H.R.	165 42	.....	.....	165 42
Bulkhead foot Lincoln avenue, H.R.	133 56	.....	.....	133 56
Bulkhead foot East One Hundred and Thirty-seventh street, H.R.	57 55	.....	.....	57 55
Bulkhead foot East One Hundred and Thirty-eighth street, H.R.	142 97	230 68	373 65	.....
Bulkhead foot East One Hundred and Thirty-ninth street, H.R.	62 96	.....	.....	62 96
Pier at East One Hundred and Thirty-ninth street, H.R.	197 67			

Twelve-ton Derrick No. 3—Repairs.	\$142 90	
Ten-ton derrick—Repairs.	124 44	
Pile-drivers (16)—Sundry repairs.	\$10,114 34	
Deck scows (16)—Sundry repairs.	3,085 64	
Diver's scows and apparatus—Repairs.	1,540 25	
Borer "Woodcock".	137 23	
Steam and naphtha launches—Repairs and crew's wages.	2,788 20	
Skiffs, yaws and bateaux—Repairs.	2,790 64	
Steam rock-drills—Repairs.	537 39	
Insurance—Tug "Manhattan".	55 10	
" Tug "Pier".	\$350 38	
" Derrick "City of New York".	372 25	
" Twelve-ton Derrick No. 1.	465 00	
" " 2.	75 00	
" " 3.	78 27	
" Ten-ton derrick.	20 00	
Sundries.	1,439 07	
" Obtaining and preparing and maintaining an accurate record of the depth of water in all slips and basins and at all piers and bulkheads within the jurisdiction of the Department," in accordance with resolution of September 19, 1883.	\$41,842 37	
Surveys on North, East and Harlem rivers, and at City Island.	\$6,893 07	
Examination and inspection of work done, or to be done, by lessees, owners and others, under order of or permit from the Board.	14,021 29	
Automatic tide-gauges.	4,875 97	
Maintenance, etc., of truck pond.	305 58	
Roundsmen—Wages.	1,343 10	
" Badge.	1 00	
" Car-fares.	262 50	
Car-fares—Assistant Engineers.	\$641 35	
" Repairs Force.	274 05	
Telephone rents and services.	2,065 80	
Tests of specimens of granite from New York State quarries.	916 00	
Expenses of President and employees to Albany and Washington.	2,476 95	
Tug at service of Dock Master.	11 00	
	110 70	
	18 00	
Total.	33,037 46	
	\$198,369 24	

## ON MISCELLANEOUS ACCOUNT.

Pavement on the Marginal street west of West street and of Thirteenth avenue opened to permit repairs of water and gas pipes, etc., at cost and expense of lessees, owners and others, viz:		
For Baltimore and Ohio Railroad Company.	\$13 80	
For Chapman Derrick and Wrecking Company.	17 76	
For Consolidated Gas Company.	369 28	
For Lexington Avenue Railroad Company.	19 85	
For Metropolitan Street Railroad Company.	27 42	
For New York, Lake Erie and Western Railroad Company.	139 16	
For Ocean Steamship Company of Savannah.	79 25	
Oceanic Steam Navigation Company.	116 33	
For Providence and Stonington Steamship Company.	14 76	
For Western Union Telegraph Company.	161 66	
For R. J. Foster.	15518.	
For Thomas J. Kelly.	16072.	
For J. P. Kempton & Co.	15370.	
For Edward Miller.	15586.	
For P. J. Ryder.	15707.	
For R. P. and J. H. Staats.	15686.	
For Stokes & Thedford.	15755.	
Repairs and alterations to piers, bulkheads, pavements, etc., at cost and expense of owners, lessees and others viz:		
Pier "A"—Repairs for owners of tug "Michael J. Coffey".	\$14930.	
Bulkhead north of Pier, new 1, N. R.—Repairs for Lessees.	15739.	
Foot Cortlandt street, N. R.—Piles driven for John H. Starin.	15805.	
Foot Barclay street, N. R.—Concrete base blocks placed for R. P. and J. H. Staats.	15808.	
Foot Debosses street, N. R.—Concrete base blocks placed for Sanford & Stillman.	15884.	
Pier, new 41, N. R.—Repairs for Starin Transportation Line.	14999.	
Pier, new 43, N. R.—Repairs for Lessee.	15001.	
Bulkhead south of Pier, old 54, N. R.—Dredging for Farmers' Loan and Trust Company.	15524.	
Pier at Jane street, N. R.—Repairs for Lessees.	15552.	
Pier at West Twelfth street, N. R.—Repairs for John A. Bouker.	15586.	
Pier, old 59, N. R.—Repairs for John L. Eccles.	15603.	
Pier, new 54, N. R.—Repairs for Henderson Brothers.	15604.	
Pier at West Forty-sixth street, N. R.—Repairs for R. Gordon & Son.	15693.	
Pier at West Forty-seventh Street, N. R.—Repairs for the Lessee.	15736.	
Bulkhead between West Forty-ninth and West Fiftieth streets, N. R.—Repairs for William Brooks Son & Co.	15741.	
Pier at West Fifty-ninth street, N. R.—Soundings at outer end for Terminal Warehouse Company.	14796.	
Foot West One Hundred and Thirty-third street, N. R.—Repairs to office for R. H. Howes & Son.	15578.	
Pier, new 32, E. R.—Repairs for John H. Fenner.	15037.	
Pier 43, E. R.—Repairs for New York and Mount Vernon Transportation Company.	15242.	
Pier 60, E. R.—Repairs for John A. McCarthy.	15221.	
Pier at Sixth street, E. R.—Repairs for Constantine & Co.	15400.	
Pier at East Eighteenth street, E. R.—Repairs for Lessees.	15484.	
Bulkhead foot East Twentieth street, E. R.—Repairs for Lessee.	15560.	
Pier at East Twenty-fourth street, E. R.—Repairs for New York, New Haven and Hartford Railroad Company.	14858.	
Pier at East Twenty-fifth street, E. R.—Repairs for owner of schooner "James McLoughlin".	14916.	
Pier at East Twenty-fifth street, E. R.—Repairs for owner of schooner "Emily Southard".	14901.	
Pier at East Twenty-sixth street, E. R.—Repairs for New York, New Haven and Hartford Railroad Company.	15062.	
Pier 35, E. R.—Watching for owners.	14870.	
Dey street, N. R.—Improvements for John H. Starin.	15984.	
Testing cement for owners.	Resolution February 21, 1894.	
Inspecting and rafting yellow pine timber offered on Contract No. 496, for Contractor.	7,088 05	
Sundries:	21 60	
Department tug at service of City Paymaster, 271 hours.	174 42	
Hired tug at service of City Paymaster, 37 1/2 hours.	\$1,496 39	
Labor and materials furnished the Commissioners of Accounts in their examination of the Department.	\$1,656 63	
	182 75	
	1,185 12	
	3,024 50	
Total.	\$15,704 83	

## ON ANNUAL EXPENSE ACCOUNT.

Office of the Board.		
Salaries.		
Secretary's Room—Secretary.	\$3,200 00	
" Assistant Secretary.	2,200 00	
" Clerks.	8,275 80	
" Copyist.	969 45	
" Stenographers and Typewriters.	3,620 04	
" Laborers.	2,808 65	
Treasurer's Room—Clerks.	\$3,473 12	
" Collectors.	2,366 04	
" Laborers.	66 57	
Dock Superintendent.	\$2,073 94	
Dock Masters.	5,905 73	
Assistant Dock Masters.	34,094 51	
Laborers.		
Stenographer to the President.	\$875 00	
Executive and Confidential Clerk.	886 55	
Laborers (in hall).	905 04	

Janitor.	\$999 96	
General Care of Offices.		
Cleaning.	\$3,666 55	
Heating.	\$64,740 73	
Lighting.	957 53	
Watching.	1,343 97	
	278 06	
	645 74	
	3,225 30	
Office Furniture.		
Repairs to furniture.	\$230 16	
New furniture, safe, document cases, etc.	1,898 76	
Fire insurance.	31 25	
	2,160 17	
Stationery and Printing.		
Blank books, miscellaneous stationery and typewriter supplies.	\$638 80	
Renewals of and repairs to typewriters.	337 75	
	976 55	
Sundries.		
Advertising sale of leases.	\$229 60	
Law books and Legislative documents.	185 35	
Standard Dictionary.	22 00	
Car-fares.	242 31	
Newspapers.	145 57	
Postage stamps.	442 14	
Telegrams.	9 42	
Recording leases in Register's office.	10 62	
Badges and bill punches for Dock Masters.	157 36	
Toilet articles.	61 08	
Ice.	43 00	
	1,549 35	
Total.		
	\$72,652 10	

## SUMMARY.

New materials, supplies and tools on hand and accounts in suspense at close of year, 1895.	\$155,737 25
Requisitions made upon the Comptroller for year 1896, viz:	
For bills and claims for materials furnished, for work done and for wharf property acquired.	\$350,637 25
For wages on weekly pay-rolls.	\$246,879 96
For salaries on monthly pay-rolls.	102,532 92
	409 412 88

Charges for use of Department's floating plant, in accordance with resolution of February 21, 1894.

760,050 14

2,002 98

Total to be accounted for.

\$917,790 37

Expenditures for Construction Account—New Plan—North river.

\$68,809 60

" " " " " East river.

84,298 52

" " " " " Harlem river.

8,449 82

\$161,557 94

" " " " Not New Plan—North river.

\$2,540 97

" " " " " Harlem river.

1,581 53

8,213 22

\$169,771 16

Expenditures for Repairs and Maintenance Account—North river.

\$166,484 04

" " " " " East river.

33,793 39

" " " " " Harlem river.

4,724 08

" " " " Cleaning and Sprinkling.

47,660 42

" " " " Other Departments.

26,755 84

279,417 77

54,433 40

198,369 24

15,704 83

72,652 10

Expenditures for Acquired Wharf Property.

Expenditures for General Expense Account.

Expenditures for Miscellaneous Accounts.

SECTIONS.	LENGTH OF "E" OR TOP COURSE OF GRANITE UNDER COPING.	EQUIVALENT LENGTH OF COMPLETED WALL.
Warren Street.....	219.33	233.00
Chambers Street.....	652.70	651.70
Jay Street.....	216.67	216.67
Franklin Street.....	415.95	415.95
North Moore Street.....	340.00	340.00
Beach Street.....	196.00	196.00
Laight Street.....	600.00	600.00
Desbrosses Street (work done by private parties).....	85.13	.....
Total.....	2,724.78	2,653.32

The Warren Street, Chambers Street, Jay Street, Franklin Street, North Moore Street, Beach Street, Laight Street and Desbrosses Street Sections, upon which sections the wall is completed, make a continuous length of the bulkhead or river wall of 2,724 feet.

These sections embrace Piers, new 19, 20, 21, 22, 23, 24, 25, 26, 27, 28 and 29, all of which have been completed. Only Piers, new 20, 21, 27, 28 and 29, have not yet been extended to the pierhead-line of 1890.

**Brick Pavement**—Under permits of the Board an area of 40 feet by 30 feet of the new-made land directly opposite Pier, new 24, was paved with vitrified brick by the International Contracting Company as a sample and test. This area was laid in May, 1894, and, under permit of the Board, another area of the new-made land, 50 feet by 50 feet, was also paved with vitrified brick by Thornton N. Motley as a sample and experiment. This area was paved in November, 1894.

Under the conditions of a very heavy traffic, which prevails at these points, this experimental pavement will probably give very valuable information. At present it has been greatly worn, and will probably soon have to be replaced with granite.

#### Sections North of Canal Street.

The sections north of Canal street, on which the bulkhead or river wall has been completed, are as follows :

SECTIONS.	LENGTH OF "E" OR TOP COURSE OF GRANITE UNDER COPING.	EQUIVALENT LENGTH OF COMPLETED WALL.
Canal Street.....	333.74	333.74
Spring Street.....	139.92	139.92
Charlton Street.....	400.74	406.74
Old King Street.....	148.42	148.42
New King Street.....	114.49	114.49
Lower Clarkson Street.....	15.91	152.01
Houston Street.....	103.89	109.89
Upper Clarkson Street.....	222.51	202.51
Leroy Street.....	501.46	501.46
Morton Street.....	151.33	151.33
Christopher Street.....	1,095.22	1,111.51
Total.....	3,316.62	3,332.91

These sections embrace Piers, new 34 to new 47, inclusive of both.

**Pier, new 43**—This pier was built in 1875 for a length of 546.50 feet. In 1894 it was extended to the pierhead-line of 1890, and during the past year so much of it as was built in 1875 was removed and rebuilt.

**Perry Street Section**—Extending from the middle of Pier, old 54 at the foot of Perry street, North river, to the southerly side of West Eleventh street, a distance of about 210 feet.

Under unanimous resolution of the Board of February 17, 1896, work was begun upon this section and good progress has been made in building the bulkhead or river wall up to date.

#### Sections North of West Twenty-third Street.

The sections north of West Twenty-third street on which the bulkhead or river wall has been completed are as follows :

SECTIONS.	LENGTH OF "E," "D" OR TOP COURSE OF GRANITE UNDER COPING.	EQUIVALENT LENGTH OF COMPLETED WALL.
West Twenty-third street, south end.....	1,229.64	1,229.64
West Twenty-third street, north end.....	615.42	615.42
West Thirty-first street.....	257.50	257.50
West Thirty-second street.....	515.00	515.00
West Thirty-third street.....	72.63	69.77
Total.....	2,690.29	2,707.33

These sections have been completed and are in use, except the northerly end of the West Thirty-third street section. They include Piers, new 53, 54, 55, 56, 57, 58, 59, 60, 61, 62 and 63.

The total continuous length of the bulkhead or river wall is 2,690.19 feet.

On account of the great depth of soft mud in the bottom on these sections, the filling behind the wall settles and requires additions from time to time.

**Pier, new 53** and the bulkhead between Piers, new 53 and new 54, having been leased to the Pennsylvania Railroad Company, and that company having obtained from lessee of Pier, new 54 right to use its southerly side, and having also bought from Commissioners of Sinking Fund franchise to operate a ferry between Jersey City and this part of New York City, they have just begun the erection of ferry-racks, etc., and a platform has been built in rear of the wall to sustain the filling to be placed behind the wall and prevent the flowing of the soft mud to the southward.

**West Forty-third Street Section**—Extending from the northerly side of West Forty-third street to the northerly side of West Forty-fourth street, a distance of about 260.83 feet.

Length of base blocks to date..... 253.55 feet.

Length of "E" course of granite to date..... 230.87 "

Equivalent length of completed wall to date..... 243.62 "

The wall on this section was completed in 1894 from the northerly side of West Forty-fourth street as far southerly as it can be until the Department is in possession of Pier at West Forty-third street, proceedings for which are in progress.

**West Fifty-second Street Section (south end)**—Extending from 83 feet 10 inches southerly of the southerly side of West Fiftieth street northerly to the north side of West Fifty-first street, a distance of 404 feet 8 inches.

Length of base blocks to date..... 404.66 feet.

Length of "E" course of granite to date..... 404.66 "

Equivalent length of completed wall to date..... 406.66 "

On account of the small distance of the rock bottom of the river below mean low water mark on this section, there is no pile foundation for the bulkhead or river wall, but it will consist of concrete and masonry from the rock bottom to the top.

In constructing this wall the bottom was first cleaned of mud, etc., as well as practicable by dredging, which, however, does not remove the material which lies in holes and pockets in the surface of the rocks. The mud and rubbish that lay in these holes and pockets were then removed by an 8-inch pump which would pass brick, small stones, etc., until the whole surface of the rock bottom was cleaned. Concrete in bags of four bushels capacity and about three feet six inches long, eight inches thick and two feet wide, when filled, was then placed upon the bottom, and the bags so placed and built together as to form a seat or resting place to receive the base blocks. The top of the bags being somewhat irregular a layer of fine concrete, made of one and one-half volumes of cement, two of sand and four of roofing gravel or pebbles not larger than one inch in their greatest dimensions, was placed thereon, in order to make a plane surface to receive the bottom of the base blocks. The base blocks were then set in place upon the bags, and the leveling-off layer of fine concrete and the granite and concrete backing built upon the top of the base blocks.

Each base block made six feet in length of the foundation wall.

The wall on this end of this section was completed and put in use in 1891, from 83 feet 10 inches south of West Fiftieth street to the northerly side of West Fifty-first street.

**West Fifty-second Street Section (north end)**—Extending from the northerly side of West Fifty-first street to the northerly line of West Fifty-fifth street, a distance of 1,043 feet 4 inches.

Length of dredging for the year..... 260.83 feet; to date, 1,043.30 feet.

Length of "E" course of granite for the year..... 214.00 " 996.47 "

Length of concrete in bags for the year..... 178.34 " 959.34 "

Length of concrete in mass for the year..... 146.34 " 927.34 "

Length of base blocks for the year..... 83.12 " 863.12 "

Length of "E" course of granite for the year..... 00.00 " 779.32 "

Equivalent length of completed wall for the year..... 51.35 " 828.65 "

The work upon this end of the section, which was suspended under chapter 478 of the Laws of 1894, has been resumed under resolution of the Board of June 20, 1895, and good progress made. The construction is the same as that on the south end of the section for the same reason. For some portions it has been found advisable to put the base blocks in three tiers, one above the other, on account of the depth of the rock below mean low water. Filling behind the wall has followed its construction.

**West Fifty-seventh Street Section**—Extending from the northerly side of West Fifty-fifth street to the southerly side of West Fifty-eighth street, a distance of 762 feet 6 inches.

The wall on this section was completed in 1893, and the Department Yard was extended southerly to Fifty-sixth street upon the filling placed behind it.

The total continuous length of the bulkhead or river wall on West Fifty-second Street Section, north end, and West Fifty-seventh Street Section, is 1,542.12 feet.

#### EAST RIVER.

**Stanton Street Section**—Extending from the south side of Rivington street to the north side of Stanton street, a distance of 557.21 feet, under unanimous resolution of the Board, March 1, 1893.

The Department having acquired the southerly half of Pier 62, at the foot of Stanton street, and the bulkhead adjoining, a section of the bulkhead or river wall was begun in 1893 at Stanton street, under unanimous resolution of the Board, passed on March 1, 1893. It is upon the East One Hundred and Second Street Section plan, and was substantially completed between Rivington and Stanton street last year. The filling in behind the wall has been completed and the section put into commercial use.

**East Twenty-fourth Street Section**—Extending from south side of East Twenty-fourth street to the northerly line of East Twenty-fifth street, a distance of 340.60 feet, under unanimous resolution of the Board, April 25, 1889, as amended June 18, 1891.

The Health Department having in 1892 obtained the transfer of the premises between East Sixteenth and East Seventeenth streets, to it for hospital purposes, the Department Yard on the East river was ordered to be transferred to the block between East Twenty-fourth and East Twenty-fifth streets, and work on this section was pushed in consequence. The wall and filling behind it were finished and the Yard removed to this section in 1894.

**East Twenty-fifth Street Section**—Extending from the northerly side of East Twenty-fifth street to the northerly side of East Twenty-sixth street, a distance of about 276 feet, under unanimous resolution of the Board, passed October 27, 1892.

Length of completed wall to date..... 276.24 feet.

This work is built upon the East One Hundred and Second street plan.

Work was completed on this section during last year and the property has been put in use for commercial purposes.

**Bellevue Section**—Extending from the northerly side of East Twenty-sixth street to the northerly side of East Twenty-eighth street, a distance of 543.81 feet, under unanimous resolution of the Board, passed April 25, 1889.

Length of completed wall to date..... 543.81 feet.

This section was substantially completed in 1892 and is in use by the Department of Public Charities in connection with Bellevue Hospital.

Pier at Sixty-second street—A new pier 259.5 feet long and 60 feet wide was commenced at the foot of East Sixty-second street, under Contract No. 485, last year and has been completed.

**East Ninety-first Street Section**—Extending from the southerly side of East Ninety-first street to the northerly side of East Ninety-second street, a distance of about 376 feet.

Length of dredging for the year..... 141.48 feet; to date, 266.48 feet.

Length of "rock bottom cleaned for the year..... 18.14 " 97.24 "

Length of "concrete in bags for the year..... 18.14 " 97.24 "

Length of "concrete in mass for the year..... 18.14 " 97.24 "

Length of "base blocks for the year..... 187.38 " 260.38 "

Length of "E" course of granite for the year..... 70.11 " 143.11 "

Equivalent length of completed wall for the year..... 136.40 " 209.40 "

Work was begun upon this section in 1894 under resolution of the Board of May 25, 1893, and the wall built across the foot of East Ninety-first street last year, when it was suspended on account of chapter 478 of the Laws of 1894.

Work was resumed in July, 1895, under resolution of the Board of June 20, 1895.

On account of the nature of the bottom, the southerly end of the wall on this section was built on the plan of the West Fifty-second Street Section and a length of 165 feet on a specially modified plan of the wall of 1876 and again for 18 feet on the West Fifty-second street plan.

The wall is now built to the southerly of the Astoria Ferry at East Ninety-second street and the filling behind it will be begun immediately.

**East Ninety-fourth Street Section**—Extending from the southerly side of Ninety-fourth street to the northerly side of East Ninety-fifth street, a distance of 373.08 feet.

This section and the piers at East Ninety-fourth and East Ninety-fifth streets have been in commercial use.

**East Ninety-sixth Street Section**—Extending from the southerly side of East Ninety-sixth street to the middle of the block between East Ninety-sixth and East Ninety-seventh streets, a distance of about 200.92 feet.

The wall on this section has been completed and the filling behind it finished.

**Rhinelanders' Reef**—A contract (No. 528) has been let for increasing the depth of water on Rhinelanders' Reef, off East Ninety-second street, to a depth of 10 feet at mean low water and good progress in the work has been made by Mr. P. Sandford Ross, contractor.

**East Ninety-ninth Street Section**—Extending from the southerly side of East Ninety-ninth street to the northerly side of East One Hundredth street, a distance of about 365 feet.

Length of dredging for the year..... 150.00 feet; to date, 286.00 feet.

side of One Hundred and Thirty-fifth street and the centre of One Hundred and Thirty-seventh street by the Port Morris Land and Improvement Company, under permit of the Board, which was begun last year has been completed.

*Willis and Brook Avenues, Harlem River*—The water-front from Willis to Brook avenue, on the Harlem river, owned by New York, New Haven and Hartford Railroad Company, has been filled in.

*Gerard Avenue, Harlem River*—A dry wall or rip-rap embankment is being built at above premises by John Cromwell, under permit of the Board. Begun August 16, 1895; in progress.

*Lenox Avenue, Harlem River*—Filling was placed at above premises by Metropolitan Street Railway Company, under permit of the Board. Begun January 10, 1896, and finished January 21, 1896.

*Willow Avenue, Bronx Kills*—The filling is being extended at above premises by New York, New Haven and Hartford Railroad Company, under permit of the Board. Begun September 16, 1895; in progress.

*Oak Point and Bronx River*—The water-front in this vicinity is being improved by filling-in, etc., thereto, by East Bay Land and Improvement Company, under permit of the Board. Begun September 15, 1891; in progress from time to time.

#### GENERAL REPAIRS.

The repairs to piers, bulkheads, etc., have cost somewhat more during the past year than in 1895. A detailed statement of them is given in the appendix.

Among the large items of repairs are the following:

Removal of a portion of Pier, new 43 and the structures thereon, and rebuilding the same—Contract No. 518.

Repairing Pier at foot of West Twentieth street—Contract No. 514.

Repairing Pier at the foot of West Thirty-fourth street—Contract No. 519.

Repairing Pier at the foot of West Forty-sixth street—Contract No. 505.

Repairing Pier at the foot of West Fifty-first street—Contract No. 506.

Repairing crib-bulkhead at the foot of East Seventeenth Street—Contract No. 510.

Repairing Pier at the foot of East Twenty-sixth street—Contract No. 503.

Repairing bulkhead-platform, between East Sixty-second and East Sixty-third streets—Contract No. 523.

#### FLOATING PROPERTY.

The floating property of the Department has been decreased by one old deck scow, condemned and broken up.

A full list of the floating property will be found in the appendix.

#### SURVEYING PROPERTY.

Base lines and bench marks have been verified, from time to time, in connection with the construction of the bulkhead-wall at the different sections on the North, East and Harlem rivers, and of the piers, and from these lines and levels have been given during the progress of the work.

Lines and levels have also been given on contract work for general repairs.

The quantities of sand, broken stone for concrete, rip-rap and cobble stones delivered at the various sections and piers, have been measured and calculated.

Surveys and examinations have been made over 989,542 linear feet of water-front. The surveys have been plotted and put on file in this office, and tracings have been prepared therefrom.

3,320 rod soundings, to ascertain the depth of soft mud, have been taken, of which 1,957 were on the North river and 1,363 on the East and Harlem rivers. 137,383 disk soundings, to ascertain the depth of water, have been taken on the North, East and Harlem rivers, in 942 slips, of which 73,883, in 448 slips, were on the North river, and 63,500, in 494 slips, were on the East and Harlem rivers.

Of the above, 10,999 disk soundings and 1,461 rod soundings were for construction, and 126,384 disk soundings and 1,859 rod soundings were for general repairs and examinations, etc., taken before and after dredging, all of which have been reduced, plotted and placed on file in this office.

All the dredging done by the Department has been supervised, as also the dredging done by private parties.

The accounts of all the dredging done by the Department have been kept, and from them monthly reports, statements for estimates, etc., have been made and receipts given, as required.

The automatic tide-gauges on the Harlem river, Pier "A," North river, at West Fifty-seventh Street Yard, North river, and East Twenty-fourth Street Yard, East river, have been attended to and the records preserved.

#### DEPARTMENT YARDS.

*West Fifty-seventh Street Yard*—This yard now extends from the northerly side of West Fifty-sixth street to the southerly side of West Fifty-eighth street, and also includes the Pier at the foot of West Fifty-seventh street.

3,000 barrels of Portland cement have been received at this yard for the work of the Department; 42 special base blocks for the bulkhead or river wall, containing nearly 1,316 cubic yards of concrete, and 1 base block for the bulkhead or river wall, containing about 34 cubic yards of concrete, have been built at this yard.

Various stores and supplies have been received and issued as usual, and a large number of tests have been made on the Department's testing machines.

The bins, platforms, etc., which were begun in this yard in 1893, were not entirely completed when chapter 478 of the Laws of 1894 took effect, and consequently work upon them was suspended and has since been resumed and finished.

*East Twenty-fourth Street Yard*—The area occupied by this newly-established yard lies between East Twenty-fourth and East Twenty-fifth streets and easterly of what was formerly Avenue A.

Its length on the northerly line of East Twenty-fourth street is 198.7 feet, on the southerly line of East Twenty-fifth street 122 feet, and it has a length on the bulkhead or river wall of 212 feet.

The newly made land and the top of the wall are occupied by the offices, the cement shed, the platforms for building base blocks and the various shops necessary for the work. The new Pier at foot of East Twenty-fifth street is also included in this yard and used for the reception, inspection and issue of granite stones for the wall.

The Department has now a very complete and well-appointed plant for carrying on its work at this yard.

29 base blocks for the wall, containing about 1,049 cubic yards of concrete, have been built at this yard and 1,000 barrels of Portland cement received and stored for Department use.

*Timber basins*—The timber furnished under the various contracts has been received, issued and inspected at the timber basins at West Fifty-seventh and West Seventy-fifth streets.

I submit herewith an appendix, containing:

A summary of the work of construction under "New Plan."

A summary of the work of construction not under "New Plan."

A summary of the work of "General Repairs."

A schedule of "Floating Property."

A summary of the work at the Department yards.

A statement of stock on hand, purchased, fabricated and issued at West Fifty-seventh Street Yard and East Twenty-fourth Street Yard.

A statement of granite on hand, received and issued.

A summary of work done for other Departments.

A summary of work done for and at the expense of alleged owners, lessees and others.

A summary of work done in Draughtsman's Room, office of the Engineer-in-Chief.

A list of contracts under which work has been done during the year.

A list of the forms of contracts and specifications submitted to the Board of Docks during the year.

A statement in detail of the dredging done by the Department of Docks during the year.

A table of the dredging done by lessees or owners during the year, by order or under permit of the Board of Docks.

A full statement of the work done by lessees and owners of piers and bulkheads and by others, by order or under permit of the Board of Docks and under my general supervision.

A table of wharfage room made by the Department during the year.

A table of wharfage room made during the year by private parties, under permit of the Board.

#### NEW BULKHEAD AND PIERHEAD LINES.

By Act of Congress of August 11, 1888 (section 12), the Secretary of War is authorized to cause bulkhead and pierhead lines to be established in harbors of the United States. Under this law, a Board of United States Engineers, consisting of General Henry L. Abbott, Colonel William P. Craigill, General C. B. Comstock, Colonel D. C. Houston, and Colonel G. L. Gillespie, was organized in October 1888, to fix the lines in the Harbor of New York and adjacent waters.

On April 15, 1890, this Board submitted a report to the Secretary of War, recommending among others the fixing of bulkhead and pierhead lines on both the North and East rivers on Manhattan Island, southerly from West Eighty-first street, on the North river, to the Battery, and around the Battery to the East river, and thence northerly to East Eighty-first street.

The report and the map accompanying it were approved by the Hon. Redfield Proctor, Secretary of War, on April 25, 1890, and the exterior lines for bulkheads and solid filling are thereby fixed by the highest authority for that portion of the water-front of this city south of Eighty-first street on both rivers.

September 17, 1890, this Board submitted a further report to the Secretary of War recommending among others the fixing of bulkhead and pierhead lines on the North, East and Harlem rivers on Manhattan Island, northerly, from West Eighty-first street, on the North river, to Spuyten Duyvil, and around the north end of Manhattan Island, and thence southerly to East Eighty-first

street; also on the easterly or continental side of the Harlem river, from the North river around Spuyten Duyvil, and thence southerly and easterly around Port Morris to Bungay street; also around Blackwell's, Randall's and Ward's Islands, and the sunken meadow east of Randall's Island.

This report and the map accompanying it were approved by L. A. Grant, Assistant Secretary of War, on October 18, 1890.

On December 23, 1890, this Board submitted a further report in this connection to the Secretary of War, recommending the fixing of bulkhead and pierhead lines on the westerly side of the East river, from Bungay street northerly around Hunt's Point to the mouth of the Bronx river at a point about opposite the prolongation of Lane avenue.

This report and the map accompanying it were approved by L. A. Grant, Assistant Secretary of War, on January 9, 1891.

On February 8, 1892, this Harbor Line Board submitted another report to the Secretary of War, relating to bulkhead and pierhead lines within the jurisdiction of the City of New York, recommending the fixing of a bulkhead and pierhead line around Great and Little Mill Rock and the Government Dike connecting them.

This report and the map accompanying it were approved by the Hon. S. B. Elkins, Secretary of War, on March 9, 1892.

On May 20, 1892, the Harbor Line Board submitted a report to the Secretary of War recommending a change in the previously established bulkhead and pierhead lines around Barretto's and Hunt's Points.

This report and the map accompanying it were approved by L. A. Grant, Acting Secretary of War, on June 11, 1892.

On January 16, 1893, the Harbor Line Board submitted a report to the Secretary of War, recommending the fixing of a bulkhead and pierhead line at Riker's Island.

This report was approved by the Hon. S. B. Elkins, Secretary of War, on January 24, 1893.

On July 27, 1893, the Harbor Line Board submitted a report to the Secretary of War, recommending a modification of the previously established bulkhead and pierhead lines near Washington Bridge for the better construction of the Harlem River Driveway.

This recommendation was approved by the Hon. Daniel S. Lamont, Secretary of War, on October 2, 1893.

On October 3, 1894, the Harbor Line Board submitted a report to the Secretary of War recommending a modification of the bulkhead and pierhead line previously established at Riker's Island.

This report was approved by the Hon. Daniel S. Lamont, Secretary of War, on October 29, 1894.

On October 31, 1895, the Harbor Line Board submitted a report to the Chief of Engineers, U. S. A., recommending a modification in the pierhead line along the East and Harlem rivers, extending from the southerly side of East Ninety-fourth street, to the southerly side of East One Hundred and Fourth street.

This report and the map accompanying it were approved by the Hon. Daniel S. Lamont, Secretary of War, on November 18, 1895.

For the recently annexed portion of Westchester County, bulkhead and pierhead lines have been established as follows:

On December 23, 1890, the Harbor Line Board submitted a report to the Chief of Engineers, U. S. A., recommending the fixing of bulkhead and pierhead lines along the northerly shore of East river, extending from Port Morris to Throgg's Neck.

This report and the map accompanying it were approved by L. A. Grant, Acting Secretary of War, on January 9, 1891.

On June 23, 1894, Col. G. L. Gillespie submitted a report to the Chief of Engineers, U. S. A., recommending certain pierhead and bulkhead lines for Westchester creek, extending from the estuary at East river to Westchester.

This report and the map accompanying it were approved by the Hon. Daniel S. Lamont, Secretary of War, on June 29, 1894.

These lines are exterior lines only, and there is no objection to building bulkheads or piers within or shoreward of them or to excavating or removing bulkheads already built and building new bulkheads further inshore.

On the East river and the Harlem river the lines established conform substantially with lines fixed or proposed by this Department, except from East Ninety-fourth street to East One Hundred street, where it will be necessary to obtain authorization from the Legislature to extend the piers to this new modified pierhead line.

On the North river the bulkhead line is substantially the same as that now established, and the pierhead line is also the same above West Twenty-third street. Below West Twenty-third street, however, the pierhead line is thrown out into the river so that the local authorities can extend the length of the piers various distances, in the maximum to about 155 feet beyond the line established at present.

From West Eleventh street to West Fourteenth street, North river, the distance between this new pierhead line and the established bulkhead line varies from 45 feet at West Fourteenth street to 160 feet at West Eleventh street.

This, of course, is no substantial advantage under the present established bulkhead line at this place. If, however, the plan for the improvement of this portion of the water-front recommended in the report of 1880 and modified so as to include and not disturb the New West Washington Market in the report of 1888, and which was approved and supported by the Board in the fall of 1888, and before the Legislature of 1890 should be carried out, this additional length to the piers therein proposed will be of substantial advantage and benefit.

I submit the following extract from the report of the Board of United States Engineers of April 15, 1890, above referred to, in relation to this section of the water-front:

"At West Fourteenth street, North river, the original width of the river has been materially impaired by artificial encroachments on both banks—the more to be regretted—as Castle Point, a rocky headland on the opposite shore, formed originally a marked gorge in the river which should not have been made worse by artificial shore extensions.

"From West Eleventh street north to West Seventeenth street, New York City, the existing legal pier and bulkhead lines coincide. The unfortunate extension of the bulkhead line to nearly the established limit for the pierhead line to the southward has had the effect of restricting very much the length of the piers, and in consequence of prohibiting the use of this front to all except small vessels.

"The Board thinks that if wharf room is needed in this locality for longer vessels it should be gained only by excavations in rear of the bulkhead line and not by extension of piers into the river beyond the line now recommended."

The Legislature, by the passage of chapter 158 of the Laws of 1892, has authorized and empowered the local authorities to make the necessary changes on this section of the plans of 1871, and the work can then be carried on.

A portion of the plan of 1880, above referred to from West Eleventh to Gansevoort street, was approved by Commissioners of the Sinking Fund on March 30, 1894, and proceeding for acquisition of the necessary private property are in progress, and I beg leave to urge the adoption of the plan for the remainder of the distance, viz.: from Gansevoort street to West Twenty-third street, at an early date:

#### Pierhead Lines of 1890.

Under chapter 482, Laws of 1890, the pierhead line from the Battery to West Seventeenth street, on the North river, was altered and made to conform to the pierhead line, approved and established between those points by the Secretary of War, April 25, 1890; by the Department of Docks, on July 3, 1890, and its action was approved by the Commissioners of the Sinking Fund, on July 24, 1890.

The following piers have been extended to the new pierhead line to date:

Pier, new 24, N. R.	Pier, new 40, N. R.	Pier at Jane street, N. R.
Pier, new 25, N. R.	Pier, new 42, N. R.	Pier, old 57, N. R.
Pier, new 26, N. R.	Pier, new 43, N. R.	Pier, old 58, N. R.
Pier, new 34, N. R.	Pier, new 44, N. R.	Pier at West Nineteenth street, N. R.
Pier, new 35, N. R.	Pier, new 45, N. R.	Pier at West Twenty-first street, N. R.
Pier, new 36, N. R.	Pier, new 46, N. R.	Pier at West Twenty-second street, N. R.
Pier, new 37, N. R.	Pier, new 47, N. R.	Pier at Bethune street, N. R.
Pier, new 38, N. R.	Pier at West Eleventh street, N. R.	

The total length of bulkhead or river wall completed on the granite course under the coping is as follows:	
On the North river.....	12,673 feet.
On the East river.....	2,475 "
On the Harlem river.....	1,962 "
Total.....	17,110 feet.

Of this amount, 677.58 feet, have been built by private parties.

Two new piers have been built on the East and Harlem rivers.

The total new wharfage room made during the year is 1,991.13 feet.

Very respectfully, your obedient servant,

G. S. GREENE, Jr., Engineer-in-Chief.

#### APPENDIX.

##### Summary of the Journal of the Work for the Year Ending April 30, 1896.

##### WORK OF CONSTRUCTION UNDER THE NEW PLAN.

##### NORTH RIVER WATER-FRONT.

##### DEY STREET SECTION EXTENDED.

Under Resolution of the Board, June 20, 1895.

##### Bulkhead-wall Proper.

Dredging—February 10, 1895.—562 cubic yards of mud were dredged from in front of wall to allow rip-rap to be placed.

Pumping Mud—July 3 to August 24, 1895.—Mud was pumped from around foundation piles.

##### STONE-FILLING.

Cobble—August 24, 1895, to January 18, 1896.—Cobble was placed on wall foundation by contractor's forces under Treasurer's Order 18221 and Contract No. 508. Bulkhead of piles was built at the south end of section to retain cobble.

Rip-rap—November 26, 1895, to February 15, 1896.—Rip-rap was placed in rear of wall by contractor's forces under Contract No. 508.

##### PILING AND WOODWORK.

Vertical Piles—August 24 to September 28, 1895.—63 vertical piles were driven, regulated and stay-lathed. Piles were rafted at Twenty-fourth street, East river, for use at this section.

Test Piles—July 23, 1895.—2 test piles were driven for examination of river bottom.

Bracing Piles—September 11 to October 19, 1895.—9 bracing piles were driven, regulated and stay-lathed.

Binding Frames—September 4 to October 26, 1895.—Binding frame No. 1 was made and sunk, and chocks placed to hold it in position.

Sawing Piles—September 17 to October 19, 1895.—Vertical and bracing piles were sawed off to grade and pile butts rafted for removal, and vertical piles located by divers.

Longitudinal Capping—September 24 to October 26, 1895.—Longitudinal capping was fitted, placed and fastened in position.

Transverse Capping—October 8 to December 21, 1895.—Piles were regulated for cross caps.

Cap Decking—December 28, 1895, to January 11, 1896.—Decking was placed in rear of granite and fastened with one-inch treenails.

##### MASONRY.

Concrete Blocks—October 16 to 23, 1895.—2 concrete blocks were loaded on scow at Fifty-seventh Street Yard and set at section.

Chain-holes—October 23, 1895.—Chain-holes in concrete blocks were filled with concrete in oval bottom bags.

Granite—November 4, 1895, to February 8, 1896.—24 pieces of granite were set on "A B," "C," "D" and "E" courses of wall. Crew of 10-ton derrick unloading granite and stripping derrick at West Fifty-seventh Street Yard.

Concrete Backing—January 18 to February 1, 1896.—120 batches of concrete were made and placed in rear of granite.

Coping—January 30 to February 8, 1896.—9 pieces of coping were loaded on scow "L" and set on top of "E" course.

Backing-logs—February 6 to 8, 1896.—Backing-logs of 12 x 12 yellow-pine were placed and fastened on coping.

Pointing—February 1 to April 18, 1896.—125 linear feet of granite were pointed, and sand and cement were transferred from scow to shed at Cortlandt street for this purpose.

The wall at this section for the entire length of 20 feet was begun and completed within the year.

##### General Work.

Removing Old Work—June 29 to August 31, 1896.—The platform and old piles were taken up and rafted.

Earth-filling—October 29, 1895, to March 28, 1896.—10 piles were driven in close row to retain earth-filling. 384 loads of filling were placed and dry wall was built to retain same, and 100 cubic yards of rip-rap were placed by contractor under Contract No. 508.

##### DEY STREET SECTION.

On account of John H. Starin. Under Resolution of the Board, February 21, 1894.

##### Bulkhead-wall Proper.

Dredging—May 1 to July 20, 1895.—Mud was dredged and piles pulled over bulkhead-wall area by Morris & Cumings Dredging Company.

##### STONE-FILLING.

Cobble—May 3 to December 21, 1895.—Cobble was placed on wall foundation by contractor's force. The old platform was removed to make way for cobble.

Rip-rap—May 6, 1895, to February 15, 1896.—Rip-rap was placed in rear of wall by contractor's forces.

##### PILING AND WOODWORK.

Vertical Piles—May 13 to June 29, 1895.—123 piles were driven, regulated and stay-lathed.

Bracing Piles—May 28 to June 8, 1895.—21 piles were driven, regulated and stay-lathed.

Binding Frames—May 20 to July 20, 1895.—Binding frames were framed and sunk and chocks were fitted to hold same in position.

Sawing Off Piles—May 28 to June 22, 1895.—117 vertical piles and 32 bracing-piles were sawed off to grade, and pile butts were collected and rafted for removal.

Longitudinal Capping—June 6 to June 22, 1895.—14 longitudinal caps were fitted and placed in position and fastened with 2-inch treenails.

Transverse Capping—June 15 to July 6, 1895.—7 transverse caps were fitted and placed in position and fastened with 80 2-inch and 37 3-inch treenails.

Cap Decking—December 21, 1895, to January 4, 1896.—Decking was laid in rear of granite and fastened with 1-inch treenails.

##### MASONRY.

Concrete Blocks—June 17 to June 24, 1895.—Foundation piles were cleaned off by divers and 4 standard concrete blocks were placed in position by derrick "City of New York." Ferry rack at Cortlandt street was cut away to allow derrick to enter slip.

Chain-holes—June 24, 1895.—Chain-holes were filled with concrete in oval bottom bags.

Granite—September 19, 1895, to February 1, 1896.—160 pieces of granite were set on the "AB," "C," "D" and "E" courses of wall.

Concrete Backing—December 17, 1895, to February 1, 1896.—245 batches of concrete were made and deposited in rear of granite.

Coping—January 28 to February 8, 1896.—6 pieces of coping were loaded on derrick and set on "E" course of wall.

Backing-logs—February 3 to February 15, 1896—Backing-logs of 12 x 12 yellow pine were placed and fastened on coping.

Pointing—January 18 to April 4, 1896.—442 linear feet of joints of granite were pointed.

Recapitulation of Work Done and to be Done on the Bulkhead-wall, Dey Street Section.

In Linear Feet of Wall.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1895-1896.	Total to Date.	
Feet.	Feet.	Feet.	Feet.
Dredging.....	.....	241.9	.....
Stone-filling—Cobble.....	43.2	241.9	.....
"    Rip-rap.....	43.2	241.9	.....
Piling and woodwork—Vertical piles.....	43.2	241.9	.....
"    Bracing piles.....	43.2	241.9	.....
"    Binding frames.....	43.2	241.9	.....
"    Sawing piles.....	43.2	241.9	.....
"    Longitudinal capping.....	43.2	241.9	.....
"    Transverse capping.....	46.17	241.9	.....
"    Cap decking.....	73.9	241.9	.....
Masonry—Base blocks.....	48.07	241.9	.....
"    Chain holes.....	48.07	241.9	.....
"    "AB" course granite.....	68.9	241.9	.....
"    "C" course granite.....	73.9	241.9	.....
"    "D" course granite.....	77.9	241.9	.....
"    "E" course granite.....	81.9	241.9	.....
"    Concrete backing.....	77.9	241.9	.....
"    Coping.....	114.0	241.9	.....
"    Backing-logs.....	73.9	241.9	.....
"    Pointing.....	114.0	241.9	.....
Work actually completed.....	.....	241.9	.....
Equivalent length of wall.....	.....	241.9	.....

##### General Work.

Earth-filling—June 11, 1895, to March 28, 1896.—The temporary gangway was removed to allow earth-filling to be put in. Earth-filling was put in by John H. Starin as directed.

##### BARCLAY STREET SECTION.

May 1, 1895, to April 30, 1896.—A section of the bulkhead-wall is being built by the Hoboken Land and Improvement Company, under agreement with the Department.

##### WARREN STREET SECTION.

Under Resolution of the Board, May 25, 1893.

Recapitulation of Work Done and to be Done on the Bulkhead-wall, Warren Street Section.

In Linear Feet of Wall.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1895-1896.	Total to Date.	
Feet.	Feet.	Feet.	Feet.
Dredging.....	.....	253.00	.....
Stone-filling—Cobble.....	.....	229.00	24.00
"    Rip-rap.....	.....	225.00	28.00
Piling and woodwork—Vertical piles.....	.....	237.00	16.00
"    Bracing piles.....	.....	237.00	16.00
"    Binding frames.....	.....	237.00	16.00
"    Sawing piles.....	.....	237.00	16.00
"    Longitudinal capping.....	.....	235.00	18.00
"    Transverse capping.....	.....	235.00	18.00
"    Cap decking.....	.....	219.00	34.00
Masonry—Base blocks.....	.....	237.08	15.92
"    Chain holes.....	.....	237.08	15.92
"    "AB" course granite.....	.....	228.00	25.00
"    "C" course granite.....	.....	227.00	26.00
"    "D" course granite.....	.....	228.00	30.00
"    "E" course granite.....	.....	219.33	34.00
"    Concrete backing.....	.....	230.00	23.00
"    Coping.....	.....	215.00	38.00
"    Backing-logs.....	.....	208.00	45.00
"    Pointing.....	.....	224.00	29.00
"    Work actually completed.....	.....	208.00	45.00
"    Equivalent length of wall.....	.....	233.00	20.00

##### General Work.

Removing Old Work—May 9, 1895.—Old material was rafted and removed.

## General Work.

Removing Old Work—March 13 to April 25, 1896.—The northerly half of inner end of Perry street Pier was removed. Pavement on bulkhead between Perry and West Eleventh streets, was removed and blocks stored at West Fifty-seventh and Seventy-fifth streets, North river. Temporary backing-log was placed in front of oyster basin, and fence was erected on bulkhead, between Perry and West Eleventh streets.

April 23 to 24, 1896.—Yellow-pine timber for the bulkhead wall was inspected.

## WEST TWENTY-THIRD STREET SECTION, SOUTH END.

Under Resolution of the Board, November 5, 1880.

## Bulkhead-wall Proper between Piers, new 53 and 54.

Wall substantially completed and in use.....	1,229.64 feet.
Wall to be completed.....	8.56 "
Equivalent length of wall:	
Completed.....	1,229.64 "
To be completed.....	8.56 "

## General Work.

Earth-filling—May 1, 1895, to April 30, 1896.—21,699 loads of filling were received and were placed in rear of wall, under Secretary's Order No. 13098, and a fence of second-hand material was erected at the south end of section, under Secretary's Order No. 15059.

Contract No. 530.

Building Platform in rear of Bulkhead-wall between Piers, new 53 and 54—February 28 to March 30, 1896.—Contractor's force drove 79 piles and built platform about 128 feet by 54 feet, and erected fence along south side of same, in conformity with the plans and specifications.

Pier, new 53—Under Secretary's Order No. 14931.

Raising Inner End of Pier—May 28 to July 6, 1895.—The inner end of pier was raised and chocks placed over the heads of piles.

Pier, new 54—Under Secretary's Order No. 14931.

Raising Inner End of Pier—May 28 to July 6, 1895.—The inner end of pier was raised, chocks placed on heads of piles and fenders refastened.

Under Secretary's Order No. 15036—June 24 to August 19, 1895.—The inner end of pier was raised and chocks placed on heads of piles.

Pier, new 55—Under Secretary's Order No. 14668.

Repairing Pavement—March 4 to September 5, 1895.—The temporary paved approach to pier was repaired.

Under Secretary's Order No. 14785—April 5 to May 8, 1895.—About 450 square yards of temporary paved approach were taken up and relaid to grade.

Pier, new 56—Under Secretary's Order No. 14876.

Temporary Approach—May 8 to June 1, 1895.—The plank approach to pier was removed and replaced by a temporary paved approach of second-hand Belgian blocks.

Pier, new 57—Under Secretary's Order No. 15243.

Temporary Paved Approach—August 5 to 27, 1895.—The temporary paved approach to above pier was repaired.

Under Secretary's Order No. 15036—June 24 to August 19, 1895.—The inner end of pier was raised where necessary and blocked up.

## WEST TWENTY-THIRD STREET SECTION, NORTH END, N. R.

Under Unanimous Resolution of the Board, June 28, 1882.

Wall substantially completed and in use.....	615.42 feet.
Equivalent length of wall:	
Completed.....	603.90 "

To be completed..... 11.52 "

Pier, new 58—Under Secretary's Order No. 14792.

Raising Inner End of Pier—April 6 to April 23, 1895.—The inner end of pier was raised and the necessary chocks and fastenings were placed on heads of piles.

Pier, new 59—Under Secretary's Order No. 15036.

Raising Inner End of Pier—June 24 to August 19, 1895.—The inner end of pier was raised and chocks placed on heads of piles.

Pier, new 60—Under Secretary's Order No. 15303.

Temporary Paved Approach—August 14 to 24, 1895.—The temporary paved approach to pier was repaired.

WEST FORTY-THIRD STREET SECTION.

Under Resolution of the Board, September 3, 1891.

Wall substantially completed and in use.....	230.87 feet.
Wall to be completed.....	29.96 "
Equivalent length of wall:	
Completed.....	243.62 "

To be completed..... 17.20 "

## General Work.

Secretary's Order No. 15160.

Removing Engineer's office—July 6, 1895.—The office was removed from West Forty-fourth Street Pier to West Fifty-seventh Street Yard, and the telephone was changed to Dock Master's office at West Fiftieth street.

## WEST FIFTY-SECOND STREET SECTION, NORTH END.

Under Resolution of the Board, June 20, 1895.

## Bulkhead-wall Proper.

Dredging—July 11 to August 17, 1895.—16,833 cubic yards of mud were dredged from wall foundation, under Contract No. 500, by the Atlantic Dredging Company.

## MASONRY—CLEANING ROCK BOTTOM.

Pumping Mud—August 22, 1895, to April 30, 1896.—Mud was pumped from the wall foundation by the twelve-ton derrick.

Tubbing—August 28, 1895, to April 30, 1896.—Stone was tubbed from wall foundation.

Concrete in Bags—August 30, 1895, to April 25, 1896.—Levels were taken on wall foundation, and 447 batches of concrete were made and placed in bags on wall foundation.

Concrete in Mass—August 24, 1895, to April 11, 1896.—Gravel was removed from scow at West Fifty-seventh Street Yard and from West Fifty-fourth Street Pier to West Fifty-second Street Pier. 130 batches of concrete were made and placed on concrete in bags to level up foundation.

Concrete Blocks—January 8 to April 11, 1896.—7 concrete sub-base blocks "X" and 15 top course base blocks "Z" were set on wall foundation by derrick "City of New York," assisted by divers.

Chain Holes—January 22 to April 11, 1896.—Chain holes in sub-base and base blocks were filled with concrete in oval bottom bags.

Recapitulation of Work Done and to be Done on the Bulkhead-wall at West Fifty-second Street Section, North End.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1895-1896.	Total to Date.	
Dredging.....	Feet. 260.83	Feet. 1,043.30	Feet. ....
Stone-filling—Rip-rap.....	.....	767.47	275.83
Masonry—Cleaning rock—			
1, Pumping.....	214.00	996.47	46.83
2, Tubbing.....	178.34	83.66	83.66
Concrete in bags.....	146.34	927.34	115.06
Concrete in mass.....	83.12	863.12	180.18
Base blocks.....	83.12	863.12	180.18
Chain-holes.....	.....	779.32	263.98
Granite, "A B" course.....	.....	779.32	263.98
Granite, "C" course.....	.....	779.32	263.98
Granite, "D" course.....	.....	779.32	263.98
Granite, "E" course.....	.....	779.32	263.98
Concrete backing.....	.....	779.32	263.98
Coping.....	.....	659.60	203.70
Backing-log and bolt-holes.....	.....	659.60	203.70
Pointing.....	.....	779.32	263.98
Wall actually completed.....	51.35	898.65	214.65
Equivalent length in wall.....			

## General Work.

Removing Old Work—July 1, 1895, to April 11, 1896.—Small shanty at West Fiftieth street was painted. Earth was removed from the top of crib north of West Fifty-first street. The bulkhead platform on piles between West Fifty-first and Fifty-second streets and the inner end of West Fifty-second street Pier were removed and a fence erected between West Fifty-first and Fifty-second streets. Piles were driven and a temporary approach built from the wall to the West Fifty-second street Pier.

Earth-filling—May 4 to June 4, 1895.—Grade stakes were placed and levels taken.

Contract No. 502.

## Between West Fifty-second and West Fifty-fourth Streets.

Paving New-made Land—June 5 to 22, 1895.—New-made land was paved with second-hand Belgian blocks for a width of fifty feet in rear of bulkhead-wall.

## WEST FIFTY-SEVENTH STREET SECTION.

Under Resolution of the Board, August 1, 1889.

## General Work.

West Fifty-sixth Street Pier.

Under Secretary's Order No. 15294—September 6 to 19, 1895.—The temporary paved approach to pier was raised and repaired.

Under Secretary's Order No. 15438—September 30 to October 5, 1895.—The temporary paved approach to pier was raised to grade.

## EAST RIVER WATER-FRONT.

Test Borings in the East river for Bulkhead-wall—Under Secretary's Order No. 14698. May 1 to July 26, and August 14 to November 2, 1895.—Test borings were taken with the borer "Woodcock" on the East river, on the old and new bulkhead lines, between Piers 17 and 39, new 29, and between Piers 39 to 52, East river, to ascertain the nature of the river bottom over the area of proposed bulkhead-wall.

## STANTON STREET SECTION.

Under Unanimous Resolution of the Board, March 1, 1893.

Recapitulation of Work Done and to be Done on the Stanton Street Section, in Lineal Feet of Wall. Plan of East One Hundred and Second Street. Section Length, 557.21 Feet.

WORK.	COMPLETED WALL.		WORK TO BE COMPLETED.
	1895-1896.	Total to date.	
Dredging.....	Feet. ....	Feet. ....	Feet. 67.21
Stone-filling—Cobble.....	490.00	480.00	77.21
" Rip-rap.....	477.00	477.00	80.21
Woodwork—Piles driven.....	477.00	477.00	80.21
" Piles cut off.....	477.00	477.00	80.21
Masonry—Base blocks.....	477.00	477.00	80.21
" Chain holes.....	477.00	477.00	80.21
" " A B" course granite.....	477.00	477.00	80.21
" " C" course granite.....	477.00	477.00	80.21
" " D" course granite.....	477.00	477.00	80.21
" " E" course granite.....	477.00	477.00	80.21
" Concrete backing.....	477.00	477.00	80.21
" Coping.....	354.60	354.60	19.97
" Backing log and bolt-holes.....	354.60	354.60	19.97
" Pointing.....	477.00	477.00	80.21
Earth-filling.....	475.00	475.00	82.21
" Wall actually completed.....	474.58	474.58	82.63
" Equivalent length of completed wall.....	475.00	475.00	82.21

N. B.—The southerly 80.21 feet of this wall will not be built until some future date owing to the condition of the existing bulkhead at foot of Rivington street, East river. The wall is practically completed to a point about 83 feet from the south line of Rivington street, measured on the bulkhead line.

## General Charge.

April 2, 1896.—The tops of the concrete blocks were cleaned off, preparatory to setting others upon them.

April 8 to 15, 1896.—Three (3) special concrete blocks were loaded on a scow at the West Fifty-seventh Street Yard, transferred to and set in the wall at this section, by the derrick "City of New York," assisted by divers.

Chain Holes—January 3 and April 16, 1896.—The chain holes between the blocks were filled with concrete in bags, assisted by divers.

*Recapitulation of Work Done and to be Done on the East Ninety-first Street Section. In Lineal Feet of Wall. Plan of 1876 and West Fifty-second Street Type.*  
Section Length, 375.88 Feet.

WORK.	COMPLETED WALL.		WORK TO BE COMPLETED.
	1895-1896.	Total to Date.	
Dredging	Feet.	Feet.	Feet.
Stone-filling—Cobble	141.48	266.48	109.40
" Rip-rap	106.00	106.00	63.24
Masonry—Cleaning rock bottom	.....	50.00	325.88
" Concrete in bags	18.14	97.24	100.40
" Concrete in mass	18.14	97.24	100.40
Piling and woodwork—Piles driven	169.24	169.24	.....
" Bracing piles	169.24	169.24	.....
" Binding frames	169.24	169.24	.....
" Sawing piles	169.24	169.24	.....
" Longitudinal capping	169.24	169.24	.....
" Transverse capping	169.24	169.24	.....
" Cap decking	.....	169.24	.....
Masonry—Ba e blocks	187.38	250.38	115.50
" Chain-holes	187.38	250.38	115.50
" AB" coarse granite	84.55	157.55	218.33
" C" coarse granite	84.55	157.55	218.33
" D" coarse granite	84.55	157.55	218.33
" E" coarse granite	70.11	143.11	232.77
Coping	.....	9.00	226.54
Concrete backing	61.67	134.67	241.21
Backing-log and bolt-holes	.....	.....	235.54
Pointing	.....	73.00	302.88
Sub-base blocks	.....	18.20	.....
Sub-blocks	18.14	91.14	.....
Earth-filling	43.00	45.00	330.88
Wall actually completed	45.00	45.00	330.88
Equivalent length of completed wall	126.00	209.40	166.48

N. B.—The southerly end of this section, extending from south line of East Ninety-first street to 9.21 feet north of the 10th line of East Ninety-first street, is constructed on plan of West Fifty-second street. The portion extending from 9.21 feet north of north line of East Ninety-first street to 178.45 feet north of same point is being constructed on a modification of plan of 1876. The remaining or northern end of the section will probably be on plan of West Fifty-second street, 18 lineal feet of this being in course of construction at present.

*Unanimous Resolution of the Board, May 25, 1893.*

*General Charges.*

Filling in rear of Wall, under Secretary's Order No. 14850—May 1 to June 16, 1895.—824 loads of earth-filling were received and deposited in rear of the new bulkhead-wall by John D. and Thomas E. Crimmins (total loads received under this order, 903). Prior to placing all the filling the temporary plank roadway to the Pier foot of East Ninety-first street was removed, and a temporary fence put up to guard against accidents, also a retaining-wall put up to hold the filling in place.

Temporary Sewer Box—May 18 to 22, 1895.—A temporary sewer box was placed in the newly-made land to connect with sewer pipe at the foot of East Ninety-first street.

Test Borings—July 29 to August 14, 1895.—Test borings were taken with the borer "Woodcock" on line of bulkhead-wall to ascertain the nature of the river bottom prior to constructing the bulkhead or sea wall.

Test Piling—August 1 to 6, 1895.—Test piles were driven over the wall area to ascertain the nature of the river bottom prior to constructing or building up the bulkhead or sea wall.

Removing Old Work—September 10 to October 7, 1895.—Old work in rear of the bulkhead-wall area was removed, and all material of any use was rafted up, and all worthless material was transferred to the bulkhead between East One Hundred and Third and East One Hundred and Fourth streets and placed on the bulkhead.

January 21 to 25, 1896.—Old work was removed, and all material of any use to the Department was put on the Pier foot of East Ninety-first street.

March 12 to 15, 1896.—Old work was removed in rear of wall area to make way for driving the bracing piles.

Tool-house—September 20, 1895.—Two (2) second-hand piles were driven for a platform, on which to place the tool-house to be used at this section.

Pile Butts—December 18 to 24, 1895; February 13 and 14, March 4 and 10, and April 10, 1896.—Pile butts from the work were placed on the bulkhead and Pier foot of East Ninety-first street, and on the newly-made land at the foot of East One Hundred and Second street, for disposal at auction or for work in the Department if required.

Removing Old Sunken Piles, etc.—March 11 and 12, 1896.—Old sunken piles, timbers, etc., were removed from the wall area, and from among the foundation piles by divers.

*EAST NINETY-SECOND STREET.*

Under Engineer's Order No. 13891.

*Examination of Water-front.*

October 15 to 18, 1895.—An examination of the river bottom, east of East Ninety-second street, was made by divers.

*EAST NINETY-FOURTH STREET SECTION.*

Under Unanimous Resolution of Board, April 25, 1889.

*In Lineal Feet of Wall. Wall of 1876.*

Section Length, 373.07 feet.

Wall substantially completed and in use	363.17	feet.
Wall to be completed	9.91	"
Equivalent length of wall:		
Completed	372.58	"
To be completed	.05	"

N. B.—The southerly 77.52 feet of this section was built on special plan, similar in principle to that of the plan of West Fifty-second street. The northerly end of the section is plan of 1875.

*Between East Ninety-fourth and East Ninety-fifth Streets—Under Engineer's Order No. 16240.*

Filling in rear of Wall—December 17, 1895, to January 19, 1896.—639 loads of earth-filling (equal to 1,050 cubic yards), were received and leveled off between the westerly line of pavement, between East Ninety-fourth and East Ninety-fifth streets, from John McLaughlin.

*Foot of East Ninety-fourth Street—Under Secretary's Order No. 16074.*

Temporary Pavement—April 8 to 24, 1896.—The newly-made land foot of East Ninety-fourth street, which had never been paved, was graded up and paved.

*EAST NINETY-SIXTH STREET SECTION.*

Under Unanimous Resolution of Board, October 31, 1889.

*Recapitulation of Work Done and to be Done on the East Ninety-sixth Street Section. In Lineal Feet of Wall. Wall of 1876.*

Section Length, 200.92 feet.

Wall substantially completed and in use	200.57	feet.
Wall to be completed	.45	"
Equivalent length of wall:		
Completed	200.57	"
To be completed	.45	"

*EAST NINETY-NINTH STREET SECTION.*

Under Unanimous Resolution of the Board, June 20, 1895.

*Bulkhead-wall Proper.*

Dredging—December 16, 1895, to January 2, 1896.—10,707 cubic yards of mud and 2,158 cubic yards of crib-work were excavated and removed from site of bulkhead-wall by the Morris & Cumings Dredging Company, under Contract No. 521.

Stone-filling—January 7 to 13, 1896.—542 cubic yards of cobble-stone were delivered and deposited on wall foundation by the Bouker Contracting Company and Brown & Fleming, under Treasurer's orders therefor.

Rip-rap Stone—January 3 to 17, 1896.—982 cubic yards of rip-rap stone were delivered and deposited on wall foundation by Frank Quinn, under Contract No. 508.

*PILING AND WOODWORK.*

Vertical Piling—January 16 to May 1, 1896.—Piles were rafted up on the North river and transferred to this section; furring strips placed to take sight from to drive piles, and 194 vertical piles were driven, regulated and stay-lathed, and broke three piles in driving.

The foundation piles on which the concrete base blocks were placed were located by divers by means of wire screens.

Bracing Piles—March 31 to April 4, 1896.—21 bracing piles were driven and regulated.

Binding Frames—February 7, 1896.—8 inches by 8 inches oak delivered at the East Twenty-fourth Street Yard, under Treasurer's Order No. 18387, was inspected for use at this section.

February 18 to March 6, 1896.—Two (2) binding frames were made, connected and sunk to place, with aid of divers.

Sawing Off Piles—March 5 and 6 and April 6, 1896.—91 foundation and 50 platform piles were sawed off with the pile-cutting machine.

*MASONRY.*

Base Blocks and Mattresses—April 11 to 16, 1896.—4 concrete base blocks were loaded on scows at the East Twenty-fourth Street Yard and set in the wall by the derrick "City of New York," assisted by divers.

Chain Holes—April 15, 1896.—The chain holes between the blocks were filled with concrete in bags, assisted by divers.

Under Unanimous Resolution of the Board, September 1, 1892, and amended June 20, 1895. *Recapitulation of Work Done and to be Done on the East Ninety-ninth Street Section. In Lineal Feet of Wall. Wall of 1876.*

Section Length, 364.42 Feet.

WORK.	COMPLETED WALL.		WORK TO BE COMPLETED.
	1895-1896.	Total to Date.	
Dredging	150.00	286.00	78.42
Stone-filling—Cobble	0.00	126.00	228.42
" Rip-rap	0.00	135.00	229.42
Masonry—Cleaning rock bottom	59.00	195.00	109.42
" Concrete in bags	47.10	163.10	201.32
" Concrete in mass	53.10	171.00	192.82
Piling and woodwork—Vertical piles	48.21	184.21	180.21
" Bracing piles	.....	116.00	228.42
" Binding frames	.....	113.60	230.52
" Sawing piles	.....	181.51	182.91
" Longitudinal capping	.....	181.51	182.91
" Transverse capping	.....	121.27	243.15
" Cap decking	.....	121.27	243.15
Ma onry—Base blocks	48.21	121.27	243.15
" Chain holes	.....	121.27	243.15
" A B" coarse granite	.....	121.27	243.15
" C" coarse granite	.....	121.27	243.15
" D" coarse granite	.....	121.27	243.15
" E" coarse granite	.....	121.27	243.15
Concrete backing	.....	63.33	167.50
Coping	.....	63.33	167.50
Backing-log and bolt-holes	.....	121.27	243.15
Pointing	.....	70.00	294.42
Earth-filling	.....	70.00	294.42
Wall actually completed	34.00	156.30	208.12
Equivalent length of completed wall			

N. B.—The northerly 20.3 feet of this section is under plan of East One Hundred and Second street, only 12 feet of which has been actually completed.

*Oak Point and Bronx River.*

The water-front in this vicinity is being improved by filling-in, etc., thereat by East Bay Land and Improvement Company, under permit of the Board. Begun September 15, 1891, and in progress from time to time.

*Riker's Island.*

Under Secretary's Order No. 14070—November 1 to 11, 1895.—Piles that were driven in the fall of 1894, for use of surveying party, to give levels and grades for building a crib-bulkhead on the easterly side of the island, were pulled up and broken off below the mud-line (total, 9 pulled and 52 broken off below the mud-line). The piles were all rafted, and with pile-driver were towed to the West Fifty-seventh Street Yard.

*Pier, Ward's Island.*

Building new coal pier under Contract No. 495, by Conklin & Jones, contractors. Finished May 29, 1895.

*Randall's Island.*

Preparing Plans and Specifications, under Secretary's Order No. 15883—February 21 to 25, 1896.—Piles and pile-tops were taken from the East Ninety-ninth Street Section, and test-piles were driven to ascertain the nature of the river bottom, preparatory to getting up plans and specifications and forms of contract to build a pier at the island.

*Blackwell's Island, E. R.*

Piers are being erected at above premises for the proposed bridge by New York and Long Island Bridge Company, under permit of the Board. Begun October 1, 1894, and in progress. General Repairs.

*STATEMENT OF REPAIRS, OTHER THAN DREDGING, FOR THE YEAR ENDING APRIL 30, 1896, EXCLUSIVE OF REPAIRS DONE FOR OTHER DEPARTMENTS.**NORTH RIVER.**Battery Wharf, N. R.*

Secretary's Order No. 15090.—2 oak spring-piles were driven and fastened, clusters of piles were relasted and backing-log renewed. Used 200 pounds chain and 552 feet, B. M., of yellow pine. Begun June 24 and finished June 26, 1895.

Secretary's Order No. 15174.—Braces were renewed and properly fastened. Used 1,680 feet, B. M., of yellow pine. Begun July 11 and finished July 13, 1895.

Secretary's Order No. 16173.—Bearing and fender-piles were driven and surface of deck repaired. Begun April 24 and finished April 27, 1896.

Secretary's Order No. 16180.—The wharf was being squared at end and joined to Battery wall, thereby widening approach. Begun April 27 and work suspended April 28, 1896.

*Pier "A," N. R.*

Secretary's Order No. 13399.—The iron girders under the deck of pier were painted to preserve same from rust. Begun May 2, 1894, and order returned October 30, 1895.

Secretary's Order No. 14930.—A 10 x 10 yellow pine horizontal chock was replaced and backing-log refastened on south side of pier where damaged by tug "M. J. Coffey." Begun May 23 and finished May 25, 1895.

Secretary's Order No. 15013.—Work was done on the boat-landing and the boat-landing was placed in position and properly secured on inshore southerly side of pier. Begun June 7 and finished July 9, 1895.

Secretary's Order No. 15540.—The fender-piles on pier were refastened. Begun October 25 and finished October 26, 1895.

Secretary's Order No. 15563.—The oak fender-piles on north side of pier were repaired where necessary. Begun and finished November 4, 1895.

Secretary's Order No. 15564.—The girders under pier were cleaned and painted to preserve same. Begun January 4 and finished February 29, 1896.

Secretary's Order No. 15589.—A metal cover was placed on top of red light at outer end of pier. Begun and finished December 10, 1895.

Secretary's Order No. 15819.—Piles were pulled, and the boat-landing with the piles was removed and stored at the West Fifty-seventh Street Yard, where it was repaired, caulked and painted. Begun November 27 and finished November 28, 1895.

Secretary's Order No. 16004.—Several fenders on south side of pier were refastened. Begun and finished March 13, 1896.

Secretary's Order No. 16075.—Placing, securing and maintenance of boat-landing at inshore south side of pier. Begun April 21, 1896; in progress.

Secretary's Order No. 16081.—2 oak fender-piles on northwest corner of pier were refastened. Begun and finished April 8, 1896.

Secretary's Order No. 16129.—3 oak fender-piles were driven, fastened and chocked on northerly side of pier. Begun April 23 and finished April 24, 1896.

Repairs were made and necessary work done to the building on Pier "A," North river, from time to time as required.

*Bulkhead between Pier "A" and Pier, new 1, N. R.*

Secretary's Order No. 15380.—The pavement was repaired where necessary. Begun and finished November 16, 1895.

Secretary's Order No. 15474.—The floating protecting fender front of bulkhead was refastened. Begun October 8 and finished October 11, 1895.

Secretary's Order No. 15954.—A new floating protecting fender was placed and fastened over face of bulkhead. Begun February 25 and finished March 19, 1896.

*Pier "A" to Pier, new 13, N. R.*

Secretary's Order No. 15621.—The work consisted in examining various piers between above points to ascertain what repairs were necessary. Begun February 24, 1896; in progress.

*Between Pier "A" and West Eleventh Street, N. R.*

Secretary's Order No. 14379.—The pavement consisting of about 200 square yards between above points, was repaired and raised where necessary, and relaid with gravel and residuum joints. Begun November 15, 1894, and finished June 21, 1895.

Secretary's Order No. 14731.—The silt basins between above points were cleaned from time to time as required. Begun March 15 and finished April 16, 1896.

Secretary's Order No. 15110.—The pavement between above points was repaired where necessary. Begun June 28 and finished November 30, 1895.

Secretary's Order No. 15741.—The pavement between above points was repaired where necessary. Begun December 10, 1895, and finished February 26, 1896.

Secretary's Order No. 15848.—The pavement between above points were repaired where necessary. Begun February 23 and finished March 21, 1896.

Secretary's Order No. 16036.—The work consists of making necessary repairs to pavement between above points. Begun March 23, 1896; in progress.

Secretary's Order No. 16178.—The work consists of cleaning silt basin on new-made land between above points. Begun April 22, 1896; in progress.

*Between Pier "A" and West Fifty-seventh Street, N. Y.*

Secretary's Order No. 15359.—The heads of oak fenders on sides of piers were painted with white lead and oil to preserve same. Begun September 14 and finished November 29, 1895.

*Pier, new 1, N. R.*

Secretary's Order No. 15613.—The temporary box drain in front of pier was repaired. Begun and finished November 13, 1895.

*Between Piers, new and old 1, N. R.*

Secretary's Order No. 15487.—The old planking on new-made ground was taken up, the area filled in to grade, and paved with second-hand Belgian blocks under Treasurer's Order No. 18427. Begun October 30 and finished April 10, 1896.

Secretary's Order No. 15704.—Steam ashes were placed in excavation between piers by the New York Steam Company. Begun December 5 and finished December 9, 1895.

*Pier, new 14, N. R.*

Secretary's Order No. 16034.—A tool-box for the use of sweepers was made and placed on the pier. Finished March 26, 1896.

Engineer's Order.—Examination was made to see what repairs were required. Begun February 20 and finished February 28, 1896.

*Pier, new 15, N. R.*

Secretary's Order No. 15641.—Steam ashes were placed on filling in front of pier by the New York Steam Company. Begun November 13 and finished November 27, 1895.

Secretary's Order No. 15683.—The platform on bulkhead south of pier was removed. Begun November 23 and finished December 7, 1895.

Secretary's Order No. 15800.—The sheathing on the inner end of pier was repaired. Begun December 24, 1895, and finished January 4, 1896.

*Chambers Street, N. R.*

Engineer's Order.—The necessary repairs were made to office.

Secretary's Order No. 15590.—The Engineer's office was cleaned and painted. Begun December 11, 1895, and finished January 6, 1896.

*Between Chambers and West Fifty-seventh Streets, N. R.*

Secretary's Order No. 15593.—The tool-boxes along the water front were repaired, overhauled and painted. Begun November 18, 1895, and finished January 31, 1896.

*Pier, new 22, N. R.*

Secretary's Order No. 15027.—About three square yards of pavement was laid to grade, with gravel and residuum joints. Begun June 12 and finished June 13, 1895.

*Between Piers, new 22 and 23, N. R.*

Secretary's Order No. 14877.—Pavement north of offices on bulkhead was taken up and relaid to grade and joints filled with gravel and residuum. Begun May 22 and finished July 11, 1895.

*Between Piers, new 22 and 24, N. R.*

Secretary's Order No. 15014.—The box drains in the vicinity of the above piers were cleaned from time to time. Begun June 7, 1895, and finished April 16, 1896.

Secretary's Order No. 16179.—The box drains on new-made land were cleaned from time to time. Begun April 22, 1896; in progress.

*Pier, new 24, N. R.*

Secretary's Order No. 15851.—A tool-box was made at Fifty-seventh Street Yard for pier cleaners and sweepers and placed on Pier, new 24, North river. Begun January 10 and finished January 15, 1896.

*Between Piers, new 24 and 25, N. R.*

Secretary's Order No. 14979.—About 40 square yards of pavement were taken up and relaid to grade and joints filled with gravel and residuum. Begun June 5 and finished June 26, 1895.

*Between Franklin and Vestry Streets.*

Secretary's Order No. 14263.—The pavement was taken up where necessary and relaid with gravel and residuum joints. Begun September 20, 1894, and finished July 11, 1895.

*Pier, old 42, N. R.*

Secretary's Order No. 15211.—The sheathing of above pier was replaced and repaired where necessary. Begun July 17 and finished September 11, 1895.

Secretary's Order No. 15657.—The necessary repairs were made to pier. Begun November 20 and finished December 2, 1895.

Secretary's Order No. 16015.—The work consists of making necessary repairs to the deck sheathing of pier. Begun March 23, 1896; temporarily suspended.

*Pier, new 34, N. R.*

Secretary's Order No. 15001.—The pavement on approach to above pier was taken up and relaid to grade with gravel and residuum joints. Begun June 3 and finished June 10, 1895.

*Pier, new 36, N. R.*

Secretary's Order No. 15757.—The pavement around hydrant was repaired and relaid to grade. Begun and finished April 20, 1896.

*Pier, new 40, N. R.*

Secretary's Order No. 15137.—The spruce plank around the sewer under pier was repaired and replaced where required. Begun June 24 and finished July 9, 1895.

*Between Piers, new 41 and 42, N. R.*

Secretary's Order No. 16115.—The work consists of repairs to pavement around the tunnel. Begun April 13, 1896; temporarily suspended.

*Between Piers, new 42 and 43, N. R.*

Secretary's Order No. 15306.—A part of the backing-log between above piers was removed and replaced with new 12 x 12 yellow pine. Begun August 17 and finished August 22, 1895.

*Pier, new 43, N. R.*

Secretary's Order No. 14789.—A new porcelain bowl and wooden seat were placed and pipe connection was repaired under Treasurer's Order No. 18108. Begun April 18 and finished April 20, 1896.

Secretary's Order No. 15873.—The granite pavement in front of pier was repaired and renewed where necessary. Begun January 12 and finished January 17, 1896.

Secretary's Order No. 15877.—1 oak fender-pile was driven and loose chocks refastened. Begun January 21 and finished January 22, 1896.

Secretary's Order No. 15975.—1 new oak fender-pile was driven on inner end of pier, south side and fastened in place. Begun and finished March 12, 1896.

*Christopher Street, N. R.*

Secretary's Order No. 15110.—The crosswalks in front of the Hoboken Ferry were repaired where necessary. Begun June 29 and finished November 30, 1895.

Secretary's Order No. 15379.—The wooden islands on crosswalk in front of ferry were repaired. Begun September 16 and finished September 17, 1895.

*Piers, new 45, 46 and 47, N. R.*

Secretary's Order No. 14379.—The approach to above-named piers was repaired. Begun November 15, 1894, and finished June 21, 1895.

Secretary's Order No. 15631.—The planking over the crib-bulkhead adjoining the inshore end of piers was repaired where necessary. Begun November 27 and finished December 2, 1895.

*Perry Street, N. R.*

Necessary repairs were made to the Engineer's office.

*Pier, old 54, N. R.*

Secretary's Order No. 14862.—The deck sheathing was repaired and about 2,000 feet, B. M., 3 x 10 spruce was placed where old sheathing was worn out and rotten. Begun April 9 and finished May 6, 1895.

Secretary's Order No. 15034.—The spruce deck sheathing was repaired where same was decayed. Begun June 21 and finished August 23, 1895.

Secretary's Order No. 15310.—The necessary repairs to the pier were made. Begun August 21 and finished August 24, 1895.

Secretary's Order No. 15476.—The work consists of the preparation of specifications for repairing pier. An examination was made for same; in progress.

Secretary's Order No. 15477.—The necessary repairs were made to the sheathing of pier. Begun October 28, 1895, and finished February 27, 1896.

Secretary's Order No. 15985.—The work consists of making necessary repairs to the sheathing of pier

driven. Used 546 feet, B. M., of yellow pine. Begun September 30 and finished October 5, 1895.

Secretary's Order No. 15675.—A wash-out at the approach was filled in and the sheathing on pier patched with 2,052 feet, B. M., of 3-inch spruce. Begun December 3 and finished December 4, 1895.

Secretary's Order No. 15897.—Loose spring and fender-piles were pulled to place and refastened. Used 50 pounds chain. Begun February 13 and finished February 25, 1896.

Secretary's Order No. 16095.—Loose spring and fender-piles were pulled to place and refastened. Vertical sheathing on outer end and sheathing on pier was repaired. Used 1,050 feet, B. M., of 3-inch spruce. Begun April 14 and finished April 16, 1896.

*Pier at West Nineteenth Street, N. R.*

Secretary's Order No. 15344.—The pavement in front of pier was raised and repaired. Begun September 13 and finished September 14, 1895.

Secretary's Order No. 15448.—The pavement in front of northerly half of pier was repaired and raised to grade. Begun October 10 and finished October 14, 1895.

Secretary's Order 15538.—The deck sheathing, where worn, was repaired and replaced. Begun November 16 and finished November 18, 1895.

Secretary's Order No. 15650.—Loose spring piles were refastened and chocks renewed where necessary. Used 480 feet, B. M., of yellow pine. Begun December 10 and finished December 12, 1895.

Secretary's Order No. 15878.—The armature plate on outer northerly corner of pier was refastened. Begun January 22 and finished January 27, 1896.

Secretary's Order No. 15965.—The side caps and chocks of pier were repaired. Begun February 27 and finished March 2, 1896.

*Pier at West Twentieth Street, N. R.*

Secretary's Order No. 14918.—The deck sheathing of this pier was repaired where necessary. Begun May 14 and finished August 26, 1895.

Secretary's Order No. 15454.—The pavement in front of pier was repaired. Begun and finished October 10, 1895.

Contract No. 514.—The old deck sheathing, where worn or decayed, was replaced, and the chocks on the pier were repaired and replaced where necessary, by John W. Flaherty, contractor, in accordance with the specifications. Begun September 17 and finished October 14, 1895.

*Between Piers, new 53 and 54, N. R.*

Secretary's Order No. 14748.—The pavement on bulkhead between above piers was repaired. Begun March 23 and finished September 5, 1895.

*Between West Twenty-third and Fifty-seventh Streets, N. R.*

Secretary's Order No. 15464.—The second-hand material between above points was collected and removed. Begun October 30 and finished November 11, 1895.

*Pier, new 54, N. R.*

Secretary's Order No. 15655.—The temporary Belgian approach to above pier was repaired where necessary. Begun April 13 and finished April 15, 1896.

*Foot of Twenty-fourth Street, N. R.—Boat Landing.*

Secretary's Order No. 15928.—A wooden railing was placed and fastened on "float." Begun and finished February 20, 1896.

*Pier, new 55, N. R.*

Secretary's Order No. 15295.—The substructure of pier was repaired and timber and piles refastened where necessary. Begun August 15 and finished August 19, 1895.

Secretary's Order No. 15536.—The temporary Belgian pavement in front of pier was taken up and relaid to proper grade. Begun November 13 and finished December 10, 1895.

*Between West Twenty-fifth and Thirty-first Streets, N. R.*

Secretary's Order No. 14999.—The pavement on bulkhead between above piers was taken up and relaid where necessary. Begun June 4 and finished June 22, 1895.

*Pier, new 56, N. R.*

Secretary's Order No. 15478.—The temporary Belgian approach to above pier was repaired where necessary. Begun October 11 and finished October 14, 1895.

*Pier, new 57, N. R.*

Secretary's Order No. 15715.—The work consists of placing a box drain in front of pier. Begun December 3, 1895; temporarily suspended.

*Between Piers, new 57 and 58, N. R.*

Secretary's Order No. 15299.—Repairs were made to the truck pound. Begun August 16 and finished August 20, 1895.

*Pier, new 58, N. R.*

Secretary's Order No. 15646.—The temporary Belgian pavement in front of pier was taken up and relaid where necessary. Begun December 11 and finished December 18, 1895.

*Pier, new 59, N. R.*

Secretary's Order No. 15437.—A part of the temporary Belgian pavement in front of pier was raised and repaired. Begun October 5 and finished October 8, 1895.

*Between Piers, new 59 and 60, N. R.*

Secretary's Order No. 15293.—A part of the temporary Belgian pavement on bulkhead was raised and repaired. Begun September 10 and finished September 12, 1895.

*Pier, new 60, N. R.*

Secretary's Order No. 15367.—The sewer underneath and sheathing on pier was repaired; fenders and chocks were also renewed. Used 11,078 feet, B. M., of 3-inch and 4-inch spruce, and 1,445 feet, B. M., of yellow pine. Begun October 7 and finished October 25, 1895.

Secretary's Order No. 15644.—The temporary Belgian pavement on approach to pier was repaired. Begun November 18 and finished November 21, 1895.

Secretary's Order No. 15333.—The temporary Belgian pavement in front of north portion of pier was raised and repaired. Begun August 28 and finished September 4, 1895.

*Pier at West Thirty-fourth Street, N. R.*

Secretary's Order No. 14915.—The deck sheathing of pier was replaced and repaired, where badly worn. Begun May 17 and finished September 14, 1895.

Secretary's Order 15458.—The deck sheathing where badly worn was removed and replaced with sound plank. Begun October 5 and finished October 15, 1895.

Secretary's Order No. 15716.—The temporary Belgian pavement was raised to conform to grade of pier. Begun April 9 and finished April 13, 1896.

Contract No. 519.—The old deck on approach was removed and replaced, and the deck of pier renewed. A new deck sheathing laid and backing log and fender system replaced and repaired where necessary, in accordance with the specifications by A. C. Gildersleeve. Begun October 22, 1895, and finished January 27, 1896.

*Old Pier at Thirty-ninth Street, N. R.*

Secretary's Order No. 15743.—380 old piles (remains of old pier) were pulled, rafted and towed to Seventy-fifth street basin, North river. Begun December 12, 1895, and finished January 17, 1896.

*Foot of Thirty-ninth Street, N. R.*

Secretary's Order No. 15901.—9 guard piles were driven along site of old pier and warning signs placed thereat. Begun February 1 and finished February 4, 1896.

Secretary's Order No. 16172.—11 guard piles were renewed and the warning signs thereat were refastened. Begun and finished April 20, 1896.

*Foot of Forty-second Street, N. R.*

Secretary's Order No. 15426.—The old "boat landing" was removed and a new landing was taken from Fiftieth street, North river, and put in its place. Begun October 4 and finished November 16, 1895.

*Pier at West Forty-fourth Street, N. R.*

Secretary's Order No. 15542.—The deck of pier was repaired where necessary. Begun November 14 and finished November 18, 1895.

Secretary's Order No. 15886.—Loose fender-piles and fenders were put in place and refastened; chocks were put on where necessary. Used 51 feet, B. M., of yellow pine. Begun January 31 and finished February 13, 1896.

Secretary's Order No. 16091.—Chocks were placed between fenders and near spring piles. Used second-hand material. Begun April 21 and finished April 22, 1896.

*Pier at West Forty-sixth Street, N. R.*

Secretary's Order No. 15003.—A temporary fence was built across inner end of pier to prevent traffic on same. Begun and finished June 18, 1895.

Secretary's Order No. 15354.—The pavement east of and adjoining the approach to pier was raised and repaired. Begun September 9 and finished September 21, 1895.

Secretary's Order No. 15690.—The pavement at entrance to pier was raised and repaired. Begun December 9 and finished December 12, 1895.

Contract No. 505.—The worn-out portions of old pier were removed, the piles blocked up to grade, and new caps and rangers substituted where necessary, and the pier put in good condition in conformity with the specifications, by Patrick Ryan. Begun July 16 and finished December 7, 1895.

*Pier at West Forty-seventh Street, N. R.*

Secretary's Order No. 14864.—The deck sheathing was removed where rotten or worn, and about 500 feet, B. M., of new spruce laid and fastened. Begun April 30 and finished May 2, 1895.

Secretary's Order No. 15316.—The fender and chocking system on the unleased part of pier was repaired where necessary, to make same safer. Begun August 27 and finished August 30, 1895.

*Pier at Fiftieth Street, N. R.*

Secretary's Order No. 14844.—The sheathing on pier was patched with 14,007 feet, B. M., of 3-inch and 4-inch spruce. Begun May 1 and finished May 9, 1895.

Secretary's Order No. 15311.—The sheathing on surface of pier was patched with 6,222 feet, B. M., of 3-inch and 4-inch spruce. Begun October 26 and finished November 2, 1895.

Secretary's Order No. 15649.—The sheathing on pier was patched with 6,092 feet, B. M., of 3-inch and 4-inch spruce. Begun November 16 and finished November 21, 1895.

Secretary's Order No. 15816.—The temporary Belgian pavement in front of pier was repaired. Begun January 8 and finished January 11, 1896.

Secretary's Order No. 15853.—2 oak fender-piles were driven and fastened and sheathing on pier patched with 7,058 feet, B. M., of 3-inch and 4-inch spruce. Begun January 18 and finished January 29, 1896.

Secretary's Order No. 15922.—The temporary Belgian pavement in front of pier was raised and repaired. Begun April 1 and finished April 8, 1896.

Secretary's Order No. 15986.—The fender-chocks on the south side of pier were renewed and refastened. Begun March 16 and finished March 18, 1896.

Secretary's Order No. 16058.—Repairing fenders and chocks, and the sheathing on pier patched. Used 99 feet, B. M., of yellow pine and 3,713 feet, B. M., of 4-inch spruce. Begun April 24 and finished April 27, 1896.

*Pier at West Fifty-first Street, N. R.*

Contract No. 506.—The old deck sheathing was entirely removed and deck and rangers, where necessary, and all were replaced and repaired. The backing-log and chocks were repaired and replaced, where in bad condition, and all in accordance with specifications, by Spearin & Preston, contractors. Begun August 1 and finished September 6, 1895.

Secretary's Order No. 15828.—About 2,500 feet, B. M., of spruce were laid, to maintain deck sheathing in safe condition. Begun June 14 and finished August 1, 1895.

Secretary's Order No. 15358.—The temporary Belgian pavement in front of pier was repaired and raised to grade. Begun and finished September 7, 1895.

Secretary's Order No. 15397.—The sheathing under backing-log of pier was removed, where necessary, and replaced with sound plank. Begun September 14 and finished September 21, 1895.

Secretary's Order No. 15831.—The temporary Belgian paved approach was repaired and raised, where necessary. Begun January 18 and finished April 1, 1896.

*Between West Fifty-first and Fifty-second Streets, N. R.*

Secretary's Order No. 15362.—The fence on the bulkhead was repaired and replaced, where blown down. Begun and finished September 4, 1895.

*Pier at West Fifty-second Street, N. R.*

Secretary's Order No. 15269.—The deck sheathing, where worn, was removed and replaced with sound material. Begun August 12 and finished September 3, 1895.

Secretary's Order No. 15647.—The sheathing on deck of pier was patched with 6,039 feet, B. M., of 3-inch spruce. Begun November 27 and finished December 3, 1895.

Secretary's Order No. 16060.—Chocks and fenders were repaired and renewed where necessary, fender-piles were put in place and refastened and sheathing patched. Used 493 feet, B. M., of yellow pine and second-hand material. Begun April 9 and finished April 16, 1896.

*Pier at West Fifty-fourth Street, N. R.*

Secretary's Order No. 15694.—The water pipe under pier was repaired. Begun November 30 and finished December 4, 1895.

Secretary's Order No. 15732.—Chocks were renewed where necessary on sides of pier and the pavement at entrance was graded and repaired. Begun December 17 and finished December 21, 1895.

Secretary's Order No. 16061.—Loose chocks were put in place and refastened, the sheathing on pier patched with 2,520 feet, B. M., of 3-inch spruce. Begun April 17 and finished April 23, 1896.

*Pier at West Fifty-fifth Street, N. R.*

Secretary's Order No. 16053.—Horizontal and vertical chock were refastened and repaired and renewed where necessary, fender-piles and chock on sides of pier refastened. Used 197 feet, B. M., of yellow pine. Begun April 4 and finished April 9, 1896.

*Pier at West Fifty-sixth Street, N. R.*

Secretary's Order No. 14994.—The deck sheathing was removed where rotten or worn and about 2,000 feet, B. M., of new spruce laid and fastened. Begun June 5 and finished June 10, 1895.

Secretary's Order No. 15314.—The sheathing on deck of pier was patched with 10,091 feet, B. M., of 3-inch spruce. Begun September 24 and finished October 1, 1895.

Secretary's Order No. 15733.—The sheathing on pier was patched with 2,512 feet, B. M., of 3-inch spruce and pavement repaired at entrance. Begun December 18 and finished December 27, 1895.

Secretary's Order No. 15826.—The sheathing on pier was patched with 3,980 feet, B. M., of 3-inch spruce. Begun January 9 and finished January 13, 1896.

*Pier at Fifty-seventh Street, N. R.*

Secretary's Order No. 15339.—The sheathing on deck of pier was patched with 3,910 feet, B. M., of 3-inch spruce. Beg

*Bulkhead foot of One Hundred and Thirty-third Street, N. R.*

Secretary's Order No. 15248.—The pavement on approach was graded and repaired. Begun August 21 and finished August 26, 1895.

*Pier at One Hundred and Fifty-second Street, N. R.*

Secretary's Order No. 15307.—The sheathing on pier was patched with 2,001 feet, B. M., of 3-inch spruce. Begun August 16 and finished August 21, 1895.

Secretary's Order No. 15988.—Bearing and fender piles were driven, caps and braces placed and sheathing on pier repaired. Used 2,151 feet, B. M., of yellow pine and 3,294 feet, B. M., of 3-inch spruce. Begun March 23 and finished April 3, 1896.

*Pier at One Hundred and Fifty-third Street, N. R.*

Secretary's Order No. 15989.—Bearing and fender-piles were renewed, also side caps and braces. Chocks put on where necessary, and sheathing repaired. Used 5,907 feet, B. M., of yellow pine and 2,485 feet, B. M., of 3-inch spruce. Begun March 25 and finished April 16, 1896.

*Pier at One Hundred and Fifty-eighth Street, N. R.*

Secretary's Order No. 15990.—Fender-piles were renewed, and others were put in place and refastened. Chocks put on. Used second-hand material and 460 feet, B. M., of yellow pine. Begun April 17 and finished April 20, 1896.

## EAST RIVER.

*Pier, new 6, E. R.*

Secretary's Order No. 15038.—The sheathing on pier was patched with 12,120 feet, B. M., of 3-inch spruce. Begun June 17 and finished June 24, 1895.

Secretary's Order No. 15393.—The sheathing on surface of pier was patched with 9,858 feet, B. M., of 3-inch spruce. Begun October 26 and finished November 1, 1895.

Secretary's Order No. 15894.—The sheathing on pier was patched with 3,685 feet, B. M., of 3-inch spruce. Begun January 31 and finished February 10, 1896.

Secretary's Order No. 16078.—The pavement at entrance to pier was graded and repaired. Begun April 6 and finished April 10, 1896.

*Pier 19, E. R., West Half.*

Secretary's Order No. 14983.—The sheathing on pier was patched with 17,309 feet, B. M., of 3-inch spruce on west half of pier. Begun July 3 and finished July 9, 1895.

Secretary's Order No. 15885.—A mooring-post was set and sheathed around post with oak pieces; chocks were also put on. Used 90 feet, B. M., yellow pine and 144 feet, B. M., of oak. Begun February 5 and finished February 24, 1896.

*Pier, new 32, E. R.*

Secretary's Order No. 14805.—The sheathing on pier was patched with 5,278 feet, B. M., of 3-inch spruce, 2 oak fender-piles were driven and chocks renewed where necessary. Used 707 feet, B. M., of yellow pine. Begun May 15 and finished June 12, 1895.

Secretary's Order No. 15167.—The sheathing on pier was patched, a portion of backing-log renewed and mooring-posts were placed and fastened; square fenders along sides of pier were repaired and chocks put on. Used 683 feet, B. M., of yellow pine. Begun July 18 and finished July 31, 1895.

Secretary's Order No. 15321.—The sheathing on pier was patched with 7,625 feet, B. M., of 3-inch spruce and spring piles were also driven and fastened. Begun September 3 and finished September 7, 1895.

*Pier 35, E. R.*

Engineer's Order—October 30 and 31, 1895.—A temporary shanty was put up for use of night watchman. Begun October 30 and finished October 31, 1895.

Secretary's Order No. 15140.—This pier was fenced off from public use with 1,876 feet, B. M., of 3-inch and 4-inch spruce. Begun July 17 and finished July 18, 1895.

Secretary's Order No. 15622.—The shed on the pier, where damaged by fire, was repaired. Begun and finished November 13, 1895.

Secretary's Order No. 15869.—The fence at entrance to the pier, having been broken by boys in the neighborhood, was repaired February 17, 1896. A day watchman was placed on the pier, in accordance with this order, on the 18th day of January, 1896.

*Between Piers, old 35 and 36, E. R.*

Secretary's Order No. 14641.—12 old piles were pulled with derrick "City of New York." Finished January 3, 1896.

*Pier 43, E. R.*

Secretary's Order No. 15210.—Loose fender-piles were pulled to place and refastened, heads of fenders repaired and chocks put on. Used 150 feet, B. M., of yellow pine. Begun July 22 and finished August 2, 1895.

Secretary's Order No. 15850.—The sheathing on pier was patched with 6,970 feet, B. M., of 3-inch spruce. Begun January 18 and finished January 22, 1896.

*Pier 44, E. R.*

Secretary's Order No. 14980.—The sheathing on pier was patched with 1,073 feet, B. M., of 3-inch spruce. Begun June 12 and finished June 13, 1895.

Secretary's Order No. 15395.—The sheathing on pier was patched with 2,515 feet, B. M., of 3-inch spruce. Begun October 24 and finished October 25, 1895.

Secretary's Order No. 15823.—The sheathing on surface of pier was patched with 22,457 feet, B. M., of 3-inch spruce. Begun December 31, 1895, and finished January 8, 1896.

*Bulkhead west of Pier 48, E. R.*

Secretary's Order No. 15247.—The sheathing was patched with 3,238 feet, B. M., of 3-inch spruce. Begun August 2 and finished August 5, 1895.

*Pier 48, E. R.*

Secretary's Order No. 15158.—The backing-log on bulkhead was raised to proper grade. Used 144 feet, B. M., of yellow pine. Begun and finished July 26, 1895.

Secretary's Order No. 15909.—The sheathing on pier was patched with 8,010 feet, B. M., of 3-inch spruce. Begun February 10 and finished February 15, 1896.

Secretary's Order No. 16162.—Bearing piles were driven and fastened and half-round fenders put on. Begun April 29, 1896; in progress.

*Pier 55, E. R.*

Secretary's Order No. 15084.—The sheathing on pier was patched with 2,040 feet, B. M., of 4-inch spruce. Begun June 24 and finished June 26, 1895.

Secretary's Order No. 15355.—The sheathing on pier was patched with 5,043 feet, B. M., of 4-inch spruce. Begun October 21 and finished October 24, 1895.

Secretary's Order No. 15761.—Two oak spring piles were driven and fastened near outer corner of pier and one second-hand cleat was put on. Begun December 13 and finished December 14, 1895.

*Pier 61, E. R.*

Secretary's Order No. 15130.—Iron straps were placed on fender-piles and chocks were put on. Used 656 feet, B. M., of 3-inch spruce, and 831 feet B. M., of yellow pine. Begun August 6 and finished August 10, 1895.

Secretary's Order No. 15189.—The plank approach leading to the pier was raised, the filling underneath it having settled away. Begun July 16 and finished July 20, 1895.

Secretary's Order No. 16067—April 3 to 7, 1896.—The temporary approach leading to Pier 61, East river, was repaired. Begun April 3 and finished April 7, 1896.

*Pier foot of Stanton Street, E. R.*

Secretary's Order No. 14936—May 22 to 29, 1895.—4 cast-iron cleats were placed on the pier for mooring purposes. Begun May 22 and finished May 29, 1895.

*Pier 62, E. R.*

Secretary's Order No. 15609.—4 oak spring piles were driven and fastened and chocked near outer end of pier. Used 181 feet, B. M., of yellow pine. Begun December 7 and finished December 9, 1895.

*Pier foot of Third Street, E. R.*

Secretary's Order No. 15297.—The spruce sheathing was repaired and side chocking replaced where found necessary, and scupper holes cut through the deck of pier to drain off the surface water. Begun August 19 and finished August 22, 1895.

Secretary's Order No. 15541.—The sheathing on pier was patched with 2,535 feet, B. M., of 3-inch spruce. Begun November 2 and finished November 7, 1895.

*Pier foot of Fifth Street, E. R.*

Secretary's Order No. 15548.—4 spring piles were driven and fastened to enable the New Haven Steamboat Company to berth their steamer. Begun October 30 and finished October 31, 1895.

Secretary's Order No. 15312.—The sheathing on pier was patched with 15,96 feet, B. M., of 3-inch spruce. Begun November 7 and finished November 18, 1895.

Secretary's Order No. 15750.—The sheathing on pier was patched with 2,498 feet, B. M., of 3-inch and 4-inch spruce. Begun December 11 and finished December 12, 1895.

*Pier foot of East Seventeenth Street, E. R.*

Repairing Crib-bulkhead—Under Contract No. 510.—The crib-bulkhead at the foot of East Seventeenth street was repaired by John Gilmour, in accordance with the specifications of the contract. Begun September 14 and finished December 7, 1895.

*Pier at foot East Eighteenth Street, E. R.*

Secretary's Order No. 14858.—Two oak fender-piles at the outer southerly end of the pier were replaced; refastened others; replaced about 15 feet of side-cap; repaired several 8 x 8 inch chocks on side of pier, and replaced screw-bolts in top of oak fenders. Begun May 8 and finished May 14, 1895.

*Pier at East Twenty-fourth Street, E. R.*

Secretary's Order No. 14875.—The sheathing was repaired on the inner end of the pier, which is used by the Department of Public Works for storage of their water-pipes. Begun May 3 and finished May 6, 1895.

Secretary's Order No. 14952.—One oak fender and two fender chocks on the pier were repaired. Begun May 22 and finished May 23, 1895.

Secretary's Orders No. 15159.—The sheathing on the inner end of the pier was repaired. Begun July 22 and finished July 24, 1895.

Engineer's Order.—A hole in the pavement, where settlement had taken place, at the foot of and south side of the street, was repaired. Begun and finished April 18, 1896.

*Pier at East Twenty-fifth Street, E. R.*

Secretary's Order No. 15201.—A fender-pile that got loose was refastened back to place. Begun and finished July 15, 1895.

*Pier at East Twenty-sixth Street, E. R.*

Contract No. 503.—The pier foot of East Twenty-sixth street was repaired by John W. Flaherty, in accordance with the specifications of the contract. Begun July 17 and finished September 10, 1895.

Engineer's Order.—Oak piles driven about the pier for the accommodation of the Department of Charities and Correction were pulled up to make way for contractor, John W. Flaherty, to complete the repairs to the pier foot of East Twenty-sixth street. Begun and finished August 24, 1895.

Secretary's Order No. 15754.—A side chock on the pier was repaired. Begun and finished December 12, 1895.

*Pier at East Twenty-eighth Street, E. R.*

Secretary's Order No. 15120.—The sheathing on the pier was repaired. Begun July 22 and finished August 3, 1895.

Secretary's Order No. 15348.—The sheathing on the pier was repaired. Begun September 20 and finished September 21, 1895.

Secretary's Order No. 15596.—A hole in the sheathing on the pier was repaired. Begun and finished November 12, 1895.

Secretary's Order No. 15719.—The sheathing on the pier was repaired December 10, 1895, and April 3, 1896. This order is still open for repairs when required.

Secretary's Order No. 15904.—An examination was made and reported upon the communication from J. W. Miller, Commander of the United States steamship "New Hampshire," in relation to water-pipe leading to the ship, on February 3 and 7, 1896.

Secretary's Order No. 15924.—The water-pipe on the pier leading to the United States steamship "New Hampshire," having frozen up and burst, was repaired. Begun February 14 and finished March 4, 1896.

*Pier foot of East Twenty-ninth Street, E. R.*

Secretary's Order No. 15353.—The side chocking about the pier was repaired. Begun September 3 and finished September 4, 1895.

Secretary's Order No. 15879.—A fender-pile and loose chocks were refastened. Begun January 28 and finished January 30, 1896.

Secretary's Order No. 15597.—The sheathing on the pier was repaired. Begun November 9 and finished November 12, 1895.

*Pier foot of East Thirty-third Street, E. R.*

Secretary's Order No. 15121.—The sheathing on the pier was repaired where necessary. Begun July 12 and finished July 13, 1895.

Secretary's Order No. 15415.—The sheathing on pier was patched with 2,512 feet, B. M., of 3-inch spruce. Begun October 3 and finished October 5, 1895.

*Pier West Thirty-fourth Street, E. R.*

Secretary's Order No. 14915.—The inner end of the pier was raised and chocked and the sheathing repaired. Begun April 17 and finished September 14, 1895.

*Pier foot of East Thirty-fifth Street, E. R.*

Secretary's Order No. 15115.—The sheathing on the pier was repaired where found necessary. Begun July 11 and finished July 12, 1895.

Secretary's Order No. 15313.—The sheathing on pier was patched with 4,070 feet, B. M., of 3-inch and 4-inch spruce. Begun October 10 and finished October 12, 1895.

*Pier at Thirty-eighth Street, E. R.*

Secretary's Order No. 15416.—The backing-log and sheathing on pier were repaired. Used 1,303 feet, B. M., of 3-inch spruce. Begun October 7 and finished October 12, 1895.

Secretary's Order No. 15824.—A chock was renewed and sheathing on pier patched with 1,012 feet, B. M., of 3-inch spruce. Begun January 29 and finished January 30, 1896.

*Pier at Forty-sixth Street, E. R.*

Secretary's Order No. 14950.—The damage done to dump was repaired. New rangers placed and stairway made. Backing-log and sheathing on northerly half were repaired. Used 13,309 feet, B. M., of 3-inch spruce. Begun July 10 and finished July 15, 1895.

Secretary's Order No. 16056.—The pavement along bulkhead was graded and repaired. Begun April 11 and finished April 22, 1896.

*Bulkhead foot of East Fifty-third Street, E. R.*

## Pier at Seventy-ninth Street, E. R.

Secretary's Order No. 15603.—The sheathing was patched with 1,455 feet, B. M., of 3-inch spruce. Begun November 9 and finished November 12, 1895.

Secretary's Order No. 15926.—The sheathing on deck of pier was patched with 1,020 feet, B. M., of 3-inch spruce. Begun February 17 and finished February 19, 1896.

## Bulkhead between Eightieth and Eighty-third Streets, E. R.

Secretary's Order No. 16038.—The fence along bulkhead was repaired. Begun March 21 and finished March 28, 1896.

## Between Eighty-second and Eighty-third Streets, E. R.

Secretary's Order No. 15406.—The fence along shore was repaired with 65 feet, B. M., of 3-inch spruce. Begun and finished September 24, 1895.

## Lower Pier foot of East Eighty-sixth Street, E. R.

Secretary's Order No. 14939.—The sheathing on pier was patched with 1,035 feet, B. M., of 3-inch spruce. Begun June 8 and finished June 10, 1895.

Secretary's Order No. 15192.—Backing-log repaired and sheathing patched. Used 375 feet, B. M., of yellow pine and 2,505 feet, B. M., of 3-inch spruce. Begun August 12 and finished August 14, 1895.

Secretary's Order No. 15933.—The pavement at entrance to pier was graded and repaired. Begun and finished February 26, 1896.

Secretary's Order No. 15410.—The sheathing on pier was patched with 2,580 feet, B. M., of 3-inch spruce. Begun October 14 and finished October 15, 1895.

## Upper Pier at Eighty-sixth Street, E. R.

Secretary's Order No. 15190.—Backing-log renewed. Used 2,280 feet, B. M., of yellow pine. Begun August 10 and finished August 12, 1895.

Secretary's Order No. 15580.—Repairs were made to the pier where damaged in the construction of sewer by the Department of Public Works, November 13, 1895, and at present suspended, awaiting action of the Department of Public Works in altering outlet of sewer in accordance with request of this Department.

## Bulkhead between East Ninety-fourth and Ninety-fifth Streets, E. R.

Secretary's Order No. 15298.—Backing-log bolt holes were cleaned out and filled with pitch.

## Pier Foot of East Ninety-fifth Street, E. R.

Secretary's Order No. 15123.—The sheathing on the pier was repaired. Begun and finished July 20, 1895.

Secretary's Order No. 15408.—The sheathing on pier was patched with 2,045 feet, B. M., of 3-inch spruce. Begun November 7 and finished November 9, 1895.

## Bulkhead between East Ninety-sixth and Ninety-seventh Streets, E. R.

Secretary's Order No. 15298.—Backing-log bolt holes were cleaned out and filled with pitch.

## HARLEM RIVER.

## Bulkhead between East Ninety-ninth and One Hundred and Fourth Streets, H. R.

Secretary's Order No. 15298.—Backing-log bolt holes were cleaned out and filled with pitch.

## Pier foot of East One Hundredth Street, H. R.

Secretary's Order No. 15252.—A bolt in fender pile, and 8-inch by 8-inch fender was repaired. Begun and finished July 29, 1895.

Bulkhead between East One Hundred and First and East One Hundred and Fourth Streets, H. R.

Secretary's Order No. 15947.—The pavement where settlement had taken place between the above streets was repaired. Begun March 18 and finished March 25, 1896.

## Bulkhead at One Hundred and Second Street, H. R.

Secretary's Order No. 15852.—A tool box was made for pier cleaners and sweepers at West Fifty-seventh Street Yard, and placed on bulkhead foot of One Hundred and Second street, Harlem river. Begun January 10 and finished January 15, 1896.

## Bulkhead foot of East One Hundred and Seventh Street, H. R.

Secretary's Order No. 15350.—A hole in the pavement, caused by a wash-out through the crib, was dug out and filled with stone, and the surface with earth. Begun August 30 and finished August 31, 1895.

Secretary's Order No. 15867.—A mooring-post was set and properly fastened on bulkhead. Begun and finished January 17, 1896.

Bulkhead between East One Hundred and Seventh and One Hundred and Tenth Streets, H. R.

Secretary's Order No. 15298.—Backing-log bolt holes were cleaned out and filled with pitch.

## East One Hundred and Ninth Street.

Secretary's Order No. 15738.—An examination was made of the condition of the street foot of East One Hundred and Ninth street, complaint having been made by Schrader & Kahrs and Elkins & Co., and reported upon December 11, 1895.

## Pier foot of East One Hundred and Tenth Street, E. R.

Secretary's Order No. 15154.—The sheathing on the pier was repaired where found necessary. Begun July 20 and finished July 22, 1895.

Secretary's Order No. 15265.—The horizontal chocks about the pier were refastened back to place. Begun and finished August 6, 1895.

Secretary's Order No. 15301.—The sheathing on the pier was repaired. Begun August 15 and finished August 17, 1895.

## Pier at One Hundred and Seventeenth Street, H. R.

Secretary's Order No. 15191.—The sheathing on pier was patched with 127 feet, B. M., of 3-inch spruce. Begun and finished July 20, 1895.

Secretary's Order No. 15325.—The sheathing on pier was patched with 1,653 feet, B. M., of 3-inch spruce. Begun November 6 and finished November 7, 1896.

## Bulkhead foot of One Hundred and Twentieth Street, H. R.

Secretary's Order No. 14825.—The sheathing on platform was patched with 4,554 feet, B. M., of 3-inch spruce, and 3 oak fender piles were driven and chocked; used 425 feet, B. M., of yellow pine. Begun May 14 and finished May 17, 1895.

Secretary's Order No. 15629.—A pile was cut off in front of the sewer outlet at low water mark. Begun and finished November 27, 1895.

## Foot of Pleasant Avenue, One Hundred and Twenty-fourth Street, H. R.

Secretary's Order No. 14913.—These premises were fenced off from public use; used 2,232 feet, B. M., of 3-inch and 4-inch spruce. Begun May 18 and finished May 20, 1895.

Bulkhead at East One Hundred and Twenty-fifth Street, E. R.

Secretary's Order No. 15298.—Backing-log bolt holes were cleaned out and filled with pitch.

Secretary's Order No. 15331.—The backing-log on the bulkhead-wall having been displaced, was repaired. Begun August 31 and finished September 3, 1895.

## Bulkhead foot of One Hundred and Twenty-ninth Street and Second Avenue, H. R.

Secretary's Order No. 15080.—The surface of bulkhead was repaired and patched with 1,045 feet, B. M., of 3-inch spruce. Begun June 26 and finished June 27, 1895.

Secretary's Order No. 15794.—The sheathing on bulkhead was patched with 2,520 feet, B. M., of 3-inch spruce. Begun December 23 and finished December 24, 1895.

## Bulkhead at Lincoln Avenue, H. R.

Secretary's Order No. 15411.—The sheathing on bulkhead was patched with 3,173 feet, B. M., of 3-inch spruce. Begun November 2 and finished November 6, 1895.

## Bulkhead foot of One Hundred and Thirty-seventh Street, H. R.

Secretary's Order No. 16050.—A mooring-post was renewed on bulkhead and pavement thereat graded and repaired. Begun April 1 and finished.

## Bulkhead foot of One Hundred and Thirty-eighth Street, H. R.

Secretary's Order No. 15847.—Two mooring-posts were renewed and properly fastened on bulkhead. Begun January 14 and finished January 16, 1896.

Secretary's Order No. 15923.—Sunken places in pavement were filled in, graded and repaired. Begun February 14 and finished April 1, 1896.

## Pier foot of One Hundred and Thirty-ninth Street, H. R.

Secretary's Order No. 15079.—Three mooring-posts were renewed along the northerly side of pier. Begun June 27 and finished June 29, 1895.

Secretary's Order No. 15101.—A mooring-post was renewed on easterly side of pier. Begun July 1 and finished July 2, 1895.

Secretary's Order No. 15923.—The pavement at entrance was graded and repaired. Begun February 25 and finished April 1, 1896.

## Pier foot of One Hundred and Fortieth Street, H. R.

Secretary's Order No. 15082.—Two mooring-posts were renewed on southerly side of pier. Begun July 1 and finished July 2, 1895.

## Various Piers on the East River.

Secretary's Order No. 15302—August 23 to October 7, 1895.—The heads of oak fenders and oak fender piles were painted on the following piers: Pier foot of Stanton street, East Twenty-fourth, East Twenty-fifth, East Twenty-eighth, East Twenty-ninth, East Thirty-fifth, East Ninety-first, East Ninety-sixth street, East One Hundredth and East One Hundred and Tenth streets.

## Floating Property.

The floating property of the Department consists of the following:

	BUILT.	LENGTH.	BREADTH.	DEPTH.	DRAUGHT.
100-ton Derrick	1871-72	Ft. In.	Ft. In.	Ft. In.	Ft. In.
12-ton Derrick No. 1	1890	70	65	12 10 1/2	10 30
" No. 2	1891	70	30	7 6	5
" No. 3	1892	70	30	7 6	5
10-ton Derrick	1874	40 6	35 25	7	3 2
Tug "Manhattan"	1874	112 8	26 85	7	10 5
Tug "Pier"	1891	98	19 5	9	10

Pile-driver No. 1.....	1871	41 2	19 4	4 6	2 5
" No. 2.....	1871	41 4	19 5	3 7	2 9
" No. 3.....	1871	42 7	18 3	3 7	2 5
" No. 4.....	1890	45	22	5	2 10
" No. 5.....	1891-92	40	23	5 6	2 6
" No. 6.....	1891-92	42 7	20 6	4 8	2 2
" No. 7.....	1871	42 8	20 5	4	2 2
" No. 8.....	1888	45	22	5 7 1/2	3 7 1/2
" No. 10.....	1881	50 4	20	5 7 1/2	3 7 1/2
" No. 11.....	1890	45	22	5 6	2 10
" No. 12.....	1892	40	23	5 6	2 10
" No. 13.....	1891	45	23	5 6	2 7
" No. 14.....	1893	45	22	5	2 7
" No. 15.....	1893	45	22	5	2 7
Deck Scow "B"	1875	71	30	7	5 6
" " " " D "	1875	70	30	7	5 6
Deck Scow "H"	1874	34 4	16 3	4 5	3 5
" " " " I "	1887-88	70	30	7 6	6
" " " " K "	1888	70	30	7 6	6
" " " " L "	1889	70	30	7 6	6
" " " " M "	1892	70	30	7 6	6
" " " " N "	1891	70	30	7 6	6
" " " " O "	1891	70	30	7 6	6
" " " " P "	1893	70	30	7 6	6
" " " " R "	1891	42 4	20 6	3 8	2 6
" " " " S "	1892	50 4	26	5 7	1 11
" " " " U "	1894	70	30	7 6	6
Divers' Scow "A"	1888	34	17	3 6	18 1/2
" " " " G "	1883	34	17	3 6	14
" " " " N "	1889	34	17	3 6	15
" " " " S "	1891	34	17	3 6	15
" " " " T "	1894	34	17	3 6	1
Borer "Woodcock"	1870	28 2	14 5	3 4	2
Naphtha Launch No. 1.....	1888	21	5	2 3	22
" No. 2.....	1893	25	6	2 5	1 10

framing and studding, putting on rafters and purlins, putting in braces, water-table, hanging doors and sash and laying platform to reach chutes on account of covering to sand and stone bins.

*Borings on the Harlem and East Rivers.*

Engineer and Laborers, with "Woodcock" borer, were engaged from December 14, 1895, to April 30, 1896, taking borings to ascertain the nature of the bottom at the following places: Sherman's Creek, Harlem river, under Secretary's Order No. 15750; Harlem river, foot of Seventh avenue, under Secretary's Order No. 16066; Harlem river, foot of One Hundred and Sixteenth street, under Secretary's Order No. 16068, and East river, between Eighteenth and Twenty-second streets, under Secretary's Order No. 16069.

*Timber Basin, Seventy-fifth Street, N. R.*

Inspector and Dock Builders, with pile driver No. 9 and divers' scow, were engaged receiving and inspecting yellow pine timber, under Contracts Nos. 496 and 517, and assisting Commissioners of Accounts in taking inventory of stock on hand, under Secretary's Order No. 15409, also engaged getting out rafting timber and piles for the work; Pier, new 54, North river, under Secretary's Orders Nos. 14800 and 14869; Pier at Twenty-sixth street, East river, under Contract No. 508; Pier at Fifth street, East river, under Secretary's Order No. 15092; Pier at Fifty-first street, North river, under Contract No. 506; steamboat landing, Battery place, under Secretary's Order No. 15090; boat landing, Battery place, under Secretary's Order No. 15174; approach to Pier at Fifty-second street, North river, Resolution of the Board, June 20, 1895; Pier at Forty-sixth street, North river, under Contract No. 505; South dock, Hart's Island, under Secretary's Order No. 14896; new pier on site of Pier, old 42, North river, under Secretary's Order No. 15211; Dey Street Section, extended, Resolution of the Board, June 20, 1895; East Ninety-first Street Section, East river, Resolution of the Board, June 20, 1895; East Ninety-ninth Street Section, East river, Resolution of the Board, June 20, 1895; Pier, new 43, North river, under Secretary's Order No. 15859, and cutting gangway in Pier, new 43, North river, under Secretary's Order No. 16083; also engaged on general care of timber in basin.

3,000 barrels of Portland cement were received and stored and samples tested and recorded.

Samples of 1,000 barrels of Portland cement received at East Twenty-fourth Street Yard were tested and results recorded.

Tests were made from the following sample barrels of Portland cement under Secretary's orders and the results reported and recorded: Secretary's Order No. 14283, Atlas brand; Secretary's Order No. 14305, Jossom brand; Secretary's Order No. 15067, Whitney brand; Secretary's Order No. 15203, Dyckerhoff brand; Secretary's Order No. 15366, Demarle brand; Secretary's Order No. 15929, Sun brand; Secretary's Order No. 16098, Hemmoor Crown brand.

*Tests of Materials.*

The 150,000-pound capacity Riehle testing machine was used during the year for the following tests: 461 specimens of wrought and cast iron were tested in tension; 7 2-inch cubes of granite were tested in compression; 405 specimens of wrought iron were tested by bending on the bending machine, and three tests of the specific gravity of granite were made.

*East Twenty-fourth Street Yard.*

*WORK DONE AT YARD.*

May 1, 1895, to April 30, 1896—Moulds and cores were set up and taken down as required, to make the concrete foundation blocks in, and the following blocks were made: 26 standard "A's" and 3 special blocks (29 blocks), containing about 1,049 cubic yards of concrete; iron work was made and repaired by the Blacksmith for construction work on the East river, for account of General Repairs and for maintenance of yard; 1,000 barrels of cement under Treasurer's Order No. 18408 were received and stored for Department use and samples sent to the West Fifty-seventh Street Yard, to be tested and recorded; four (4) standard "A" concrete blocks, cement, sand and broken stone were loaded on a scow at the East Twenty-fourth Street Yard for use at the Dey Street Section; broken stone and sand delivered under Contracts Nos. 508 and 525, were hoisted from scows and schooners to bins on Pier foot of East Twenty-fifth street; cement, sand, gravel and broken stone were loaded on scows, as required, for use at the East Ninety-first and the East Ninety-ninth Streets Sections; the office building on the interior was plastered, painted, calcined and varnished by Akin & Co., under Treasurer's Order No. 18314, October 8 to 15, 1895; mould boards and oak wedges were made for use at the East Ninety-first Street Section; tool-houses were placed on scows and transferred to the East Ninety-first and the East Ninety-ninth Street Sections; tool-houses were placed on scows and transferred to the North river—1 to the bulkhead between West Twenty-seventh and Twenty-eighth streets, for use of Superintendent of Docks, and 1 to the Perry Street Section, North river; tools, forge, etc., were removed from the blacksmith's shop on Pier foot of East Twenty-fifth street, and said shop turned over to Superintendent of Docks, to keep tools in temporarily, and strips were put on the sand and stone barrows, as per Engineer's Order No. 16217; granite was got out and dressed for the East Ninety-first Street Section.

*MAINTENANCE OF YARD.*

May 1, 1895, to April 30, 1896—House for use of Watchman at entrance to the yard was repaired; awnings were put up and taken down from about the office building; closets, shelves and racks were made and put up in the office, and a stool made for the ice cooler; the small boat kept at the yard for the purpose of examining piers and bulkheads, was repaired; grass about the yard was cut off at various times between June and November, 1895; tools were overhauled, cleaned, oiled and repaired; boxes containing records of the Department were transferred from store-house to the cement shed, also boxes of records were received from Pier "A," April 8, 1896, and placed in the shed with the others; a rack was placed in the iron room on which to place iron when received at the yard; the yard engine and steam-pipes were cleaned repaired and varnished; the boiler was inspected by the Police Department, September 23, 1895, and the same cleaned and put in working order, and smokestack painted; slides on the sand and stone bins were looked after and kept oiled at various times during the year; oak wedges were made for use about the yard; old broken and empty cement barrels were collected and piled up; a drip-cock was placed on the water-pipe leading to the boiler, to prevent it from freezing; mortar boxes were made and placed on the mixing platform to mix mortar in to make the concrete blocks; broken stone and sand were trimmed in the bins to be measured for account of inventory; old bark that came from piles stored on Pier foot of East Twenty-fourth street, was put on a scow, transferred to the East Ninety-first Street Section and placed on the bulkhead; second-hand spike was straightened out for use in Department work when required; side chocking on sides of Pier foot of East Twenty-fifth street was repaired; a mould was put on a scow and sent to the West Fifty-seventh Street Yard; platform scale on the Pier foot of East Twenty-fifth street was repaired; water-pipe in the yard having sprung a leak, was repaired; moulds and cores were repaired, oiled and put up for future use when required; the yard, shops, concrete-block and mixing platforms were cleaned and rubbish removed by a hired cart; snow and ice were removed from the concrete-block and mixing platforms, from about buildings in the yard, from roadway and from about the office building; grass plot in the yard was rolled to even up the service in order that a lawn-mower could be used to cut the grass during the coming season, ring bender and shaper were placed in the blacksmith's shop; under Secretary's Order No. 16062, window-sashes were obtained, painted and placed in the engine-house located on Pier foot of East Twenty-fifth street, same having been broken by schooner "James McLaughlin," owned by James McLaughlin, and cost of same reported for collection.

*GENERAL EXPENSE.*

*Commissioners of Accounts.*

Secretary's Order No. 15409—Inventory of stock on hand at the Seventy-fifth Street Timber Basin was made for Commissioners of Accounts.

Secretary's Order No. 15616—Pile-driver No. 13 was towed from the East Ninety-first Street Section to Pier foot of East Twenty-fourth street, for use of men employed by the Commissioners of Accounts, to overhaul and count piles and timbers. They were employed three (3) days, November 11, 12 and 13, 1895.

*West Twenty-fourth Street, N. R.*

Engineer's Order.—The Department records were removed from above office and stored at Pier "A."

*Boat Landing foot of Twenty-fourth Street, N. R.*

Secretary's Order No. 12836—Watching and caring for "Float"; in progress.

*Boat Landing foot of Forty-second Street, N. R.*

Secretary's Order No. 12837—Watching and caring for "Float" when required; in progress.

*West Forty-fourth Street, N. R.*

Secretary's Order No. 15160—The Section Office at above street was removed and stored at West Fifty-seventh street and telephone transferred to West Fiftieth street office.

*West Fifty-seventh Street Yard, N. R.*

Engineer's Order.—An old floating wreck was broken up and removed. Begun and finished March 23.

*Timber Basin at West Seventy-fifth Street, N. R.*

Engineer's Order.—Watching and caring for basin and timber; in progress.

*Pier 54, E. R.*

Secretary's Order No. 14608—August 21, 1895—A boulder on the south side of the pier was removed by the 12-ton derrick No. 2, assisted by divers.

*Foot of East Twenty-fourth Street, E. R.*

Secretary's Order No. 15212—July 7 to August 13, 1895—Posters were removed from the fence at Pier foot of East Twenty-fourth street, and three signs painted (post no bills) and put up in conspicuous places on the fence.

*Bulkhead Eightieth to Eighty-third Street, E. R.*

Secretary's Order No. 13282—A day and night watchman detailed to watch, care for and prevent dumping of material on premises; in progress.

*North Side of East One Hundred and Seventeenth Street, H. R.*

Secretary's Order No. 15465—November 6 and 7, 1895—Boulders were removed from the north side of Pier foot of East One Hundred and Seventeenth street, by the 12-ton derrick No. 2, assisted by divers, and same deposited in deep water at the foot of East Ninety-first street.

*From Fifth to Seventh Avenue, H. R.*

Engineer's Orders—Watching to prevent dumping of materials on premises; in progress.

*Piers and Bulkheads on North, East and Harlem Rivers.*

Secretary's Order No. 15258—Proper designations were painted on outer ends of the piers and bulkheads. Begun July 30, and finished November 2, 1895.

*Truck Pound.*

Engineer's Order.—A small house from East Seventeenth street was removed from scow and placed for use at this point.

Secretary's Order No. 12641—Trucks received from Dock Masters were watched and delivered to owners from May 1 to December 1, 1895.

*INVENTORIES.*

Inventories were taken at the end of the four quarters of the year. Begun May 1, 1895, and finished April 30, 1896.

*Automatic Tide Gauge.*

A tide gauge, and house for same, were taken from the East Twenty-fourth street yard to Morris Heights, on December 19, 1895, by a hired tug.

*Repairs to Barge "Ranger."*

Secretary's Order No. 15283—Under the above order the force of the Department repaired the damage done the barge "Ranger" while in tow of the tug "Manhattan." Begun August 7 and finished August 8, 1895.

*Dock Masters' Offices.*

Secretary's Order No. 15899—Under this order repairs have been made and supplies furnished to Dock Masters' offices, upon requisition of the Dock Superintendent, up to April 30, 1896.

*District No. 2, at Pier, old 42, N. R.*

Secretary's Order No. 14947—Under this order repairs were made and supplies furnished to Dock Master's office.

Secretary's Order No. 15163—Supplies were furnished Dock Master's office.

Secretary's Order No. 15352—Supplies were furnished Dock Master's office.

Secretary's Order No. 15459—Supplies were furnished Dock Master's office.

Secretary's Order No. 15528—Furnished Dock Master's office with coal.

Secretary's Order No. 15571—Dock Master's office was removed from Pier, old 42, to Pier, new 34. Begun and finished November 18, 1895.

Secretary's Order No. 15876—Supplies were furnished Dock Master's office.

*District No. 4, at Pier, new 43, N. R.*

Sundry repairs were made to the Dock Master's office.

Secretary's Order No. 14946—Repairs were made and supplies furnished Dock Master's office.

Secretary's Order No. 15022—Window awnings were made and placed upon the Dock Master's office.

Secretary's Order No. 15043—Repairs were made to the Dock Master's office.

Secretary's Order No. 15264—An iron pipe railing was made for the Dock Master's office.

Secretary's Order No. 15446—Under this order an office was furnished for the Dock Master, and was placed on the bulkhead at Pier, new 43, on October 9, 1895.

Secretary's Order No. 15635—Supplies were furnished for the Dock Master's office.

*District No. 6, foot of Bloomfield Street, N. R.*

Secretary's Order No. 15229—Supplies were furnished for the Dock Master's office.

Secretary's Order No. 15270—A coal-bin was made and placed in the Dock Master's office.

Secretary's Order No. 15413—Repairs were made and supplies furnished Dock Master's office.

Secretary's Order No. 15594—Repairs were made to the Dock Master's office.

Secretary's Order No. 15899—Repairs were made to the Dock Master's office.

*District No. 8, foot of Thirty-fourth Street, N. R.*

Secretary's Order No. 15318—Supplies were furnished Dock Master's office.

Secretary's Order No. 15479—Repairs were made to the Dock Master's office.

Secretary's Order No. 15033—Supplies were furnished to the Dock Master's office.

*District No. 10, foot of Fifty-fifth Street, N. R.*

Secretary's Order No. 14994—Under this order an office was provided for the use of the Dock Master. The office was repaired, repainted, lettered and refitted and placed upon the bulkhead on July 12, 1895.

Secretary's Order No. 15060—Furniture and supplies were furnished Dock Master's office.

Secretary's Order No. 15091—200 feet of 1½-inch hose was furnished the Dock Master's office.

Secretary's Order No. 15529—Supplies were furnished Dock Master's office.

Secretary's Order No. 15008—Supplies were furnished the Dock Master's office.

Secretary's Order No. 15639—Supplies were furnished the Dock Master's office.

Secretary's Order No. 15762—Supplies were furnished Dock Master's office on December 12, 1895.

Order of Board.—A day Watchman assigned to duty in Dock Master's office. Begun August 9. Transferred to Superintendent of Docks November 29, 1895.

*District No. 16, One Hundred and Thirty-Third Street, N. R.*

Secretary's Order No. 15037—Repairs were made to the Dock Master's office. Begun June 20 and finished June 21, 1895.

Secretary's Order No. 15164—Supplies were furnished to the Dock Master's office.

Secretary's Order No. 15509—Repairs were made and supplies furnished the Dock Master's office.

Secretary's Order No. 15755—Supplies were furnished the Dock Master's office December 12, 1895.

*District No. 1, Pier, new 6, E. R.*

Secretary's Order No. 15570—Supplies were furnished the Dock Master's office November 6, 1895.

Secretary's Order No. 15696—Repairs were made to the Dock Master's office.

*District No. 3, Pier, new 29, E. R.*

Secretary's Order No. 15025—Repairs were made to the desk in the Dock Master's office.

Secretary's Order No. 15372—Repairs were made to the Dock Master's

## REPORT OF STOCK.

Report of Stock on Hand, Purchased, Fabricated and Issued from West Fifty-seventh Street Yard for Year Ending April 24, 1896.	
Balance on hand April 26, 1895.	\$14,481 37 <sup>1/2</sup>
Purchased from April 26, 1895, to April 24, 1896.	29,874 00
Purchased, "no bills".	82 20
Fabricated, 1 standard "A" block No. 646.	258 79
Received from sections.	193 26

\$35,889 62<sup>1/2</sup>

Total to be accounted for.

Issued to the following sections:	
Floating property.	\$1,643 78
North river sections.	5,769 72
General repairs.	1,158 58
West Fifty-seventh Street Yard, North river.	351 19
Improvement West Fifty-seventh Street Yard, North river.	2,119 83
Surveying party.	21 81
Timber-basin, Seventy-fifth street, North river.	204 28
Pier "A," North river.	1,383 82
East river section.	3,278 13
Ward's Island.	2 38
Repairing moulds and cores.	171 32
Dock Master's Office No. 16.	89
Standard concrete block No. 646 "A".	142 58
Special concrete block No. 3 "T".	98 17
Special concrete blocks Nos. 116 to 140, inclusive, "Z".	4,475 83
Special concrete blocks Nos. 37 to 42, inclusive, "X".	1,134 85
Special concrete blocks Nos. 1 to 3, inclusive, "S".	207 01
Commissioners of Accounts.	\$172 75
Contract No. 503.	184 50

Contract No. 505.	\$377 00
Contract No. 506.	53 67
Contract No. 516.	48 00
Contract No. 519.	171 84
Superintendent of Docks.	142 54
Borings on Harlem and East rivers.	141 92
Balance of stock on hand, April 24, 1896.	12,433 23 <sup>1/2</sup>

\$35,889 62<sup>1/2</sup>

## Report of Stock on Hand, Purchased, Fabricated, Received from the North River, and Issued from the East Twenty-fourth Street Yard during the year ending April 24, 1896.

Balance of stock on hand, April 26, 1895.	\$10,242 55
Purchased from April 26, 1895 to April 24, 1896.	67,949 80
Fabricated, 26 standard blocks and 3 special concrete blocks.	7,763 06
Received from West Fifty-seventh Yard.	3,278 13
Received from East Twenty-fourth Street Yard (granite).	1,852 63
Received from floating property.	435 90
Received from general repairs.	417 47
Received from North river sections.	2,558 76
Received from timber-basins on the North river.	5,737 78

\$100,236 08

## Total to be accounted for.

Issued as follows:	
Floating property.	\$87 58
General repairs.	354 24
Sections on the North river.	1,813 20
Timber-basins on North river.	239 23
Sections and work on the East river.	91,150 46
Balance on hand, April 24, 1896.	6,591 37

100,236 08

## Statement of Granite, East Twenty-fourth Street Yard, May 1, 1895, to April 30, 1896.

CONTRACT OR TREASURER'S ORDER NUMBER RECEIVED UNDER.	DATE OF CONTRACT OR TREASURER'S ORDER.	ON HAND MAY 1, 1895.	RETURNED FROM THE WORKS.	ISSUED TO THE WORKS.	BALANCE ON HAND APRIL 30, 1896.	AUDITED PRICE PER CUBIC FOOT.	AMOUNT.
Headers and stretchers							
"	Treasurer's Order No. 13608.	Feb. 4, 1889	39.0	.....	39.0	\$1 03	\$40 17
"	" 13798.	May 17, " 10.2	.....	10.2	60	6 12	
"	" 14267.	Oct. 24, " 26.7	.....	26.7	99	20 43	
"	" 16145.	June 15, 1892	534.9	.....	534.9	64	320 53
Contract No. 112.	" 268.	Mar. 26, 1880	11.08	.....	11.08	63	6 98
"	" 298.	" 29, 1888	14.5	.....	14.5	1 03	14 94
"	" 338.	Apr. 1, 1889	14.5	14.5	.....	.....	.....
"	" 357.	July 11, 1890	15.5	.....	15.5	99	15 34
"	" 373.	Nov. 5, " 314.0	.....	27.1	286.9	95	272 55
"	" 396.	May 4, 1891	239.0	.....	239.0	90	215 10
"	" 398.	Oct. 21, " 153.4	.....	11.5	141.9	97	137 64
"	" 412.	" 28, " 2,812.3	340.6	.....	2,462.7	91	2,241 06
"	" 414.	Mar. 21, 1892	9,125.5	11.6	803.3	8,273.8	97
"	" 430.	Apr. 14, " 5,315.8	.....	236.4	5,109.4	99	5,058 31
"	" 455.	" 25, 1893	9,327.0	14.0	933.7	8,407.3	1 21
"	" 457.	Sept. 12, " 13,547.8	.....	973.0	12,574.8	97	12,197 56
Coping stones	" 357.	" 22, " 8,255.0	31.1	644.6	7,041.5	95	7,041 43
"	" 373.	Nov. 5, 1890	74.8	.....	74.8	1 13	84 54
"	" 398.	May 4, 1891	79.2	.....	79.2	1 13	89 50
"	" 412.	Oct. 28, " 601.2	.....	83.1	513.1	1 11	575 09
"	" 414.	Mar. 21, 1892	2,612.4	.....	794.7	1,817.7	1 23
"	" 455.	Apr. 14, " 3,145.9	.....	227.1	2,918.8	1 45	4,232 26
"	" 457.	Sept. 12, 1893	5,055.9	.....	5,965.9	1 37	8,173 28
Granite paving blocks	" 357.	Sept. 22, " 5,028.2	.....	256.9	4,771.3	1 34 <sup>1/2</sup>	6,429 33
			67,273.78	56.7	5,415.5	61,914.98	.....
							\$67,839.32
			Nov. 5, 1890	Number 14465	Number 624	Number 13,841	Number \$70 00
							\$968 87

A. McC. PARKER, First Assistant Engineer.

## WORK DONE FOR OTHER DEPARTMENTS.

## WORK DONE FOR FINANCE DEPARTMENT.

During the year the Department tug has been in the service of the City Paymaster 277 hours. May 16 and 29, 1895.—A hired tug was in the service of the City Paymaster for 11 hours, under Treasurer's Order No. 18139; also on May 9, under Treasurer's Order No. 17985, for 7½ hours. October 31, under Treasurer's Order No. 18198, for 6½ hours. November 8, under Treasurer's Order No. 18350, for 6½ hours. November 14, under Treasurer's Order No. 18353, for 6 hours. Total, 37½ hours.

## WORK DONE FOR DEPARTMENT OF CHARITIES AND CORRECTION.

## Pier at East Twenty-sixth Street, E. R.

Secretary's Order No. 15009.—Two (2) gangways were cut, one on each side of the pier at about 50 feet east of the bulkhead line, and fender piles driven for the temporary accommodation of the boats of the Department of Charities and Correction by the force of this Department. Begun July 14 and finished July 28, 1895.

Secretary's Order No. 15253.—The deck and sheathing on pier roadway under the building were repaired. Used 9,693 feet, B. M., of yellow pine. Begun July 31 and finished August 7, 1895.

Secretary's Order No. 15332.—Gangways previously cut in the inner end of the pier were filled in and the sheathing repaired, for accommodation of the Department of Charities and Correction, by the force of this Department. Begun August 27 and finished September 1, 1895.

Secretary's Order No. 15335.—An extra sluiceway was made at each side of the pier foot of East Twenty-sixth street, at the outer end, as per request of the Department of Charities and Correction. Begun August 31 and finished September 8, 1895.

## Foot of Seventieth Street, E. R.

Secretary's Order No. 14956.—The burnt portion of pier was repaired, bearing and fender piles were driven, caps and chocks put on, stairway and landing for boat was built and deck laid. Used second-hand material and 1,729 feet, B. M., of new 3-inch and 4-inch spruce. Begun June 12 and finished June 21, 1895.

## Bulkhead at One Hundred and Fifteenth Street, H. R.

Secretary's Order No. 15709.—A fence railing was placed from curb to gangway of boat landing. Used 300 feet, B. M., of 3-inch and 4-inch spruce. Begun December 19 and finished December 21, 1895.

## Charity Hospital Landing, Blackwell's Island, E. R.

The float landing was repaired, oak piles were driven and the platform planked. Used 2,027 feet, B. M., of 4 inch spruce. Begun May 10 and finished May 14, 1895.

## Nurses' Home Pier, Blackwell's Island, E. R.

Secretary's Order No. 15182.—Bearing piles and clusters of piles were driven and fastened, fender piles also were driven and new steps made and sheathing repaired. Used 2,976 feet, B. M., of 3-inch spruce. Begun September 10 and finished September 18, 1895.

## Storehouse Dock, Blackwell's Island, E. R.

Secretary's Order No. 15138.—A boat landing was erected for row-boats north of dock. Begun July 24 and finished July 30, 1895.

## South Dock at Hart's Island, L. I. Sound.

Secretary's Order No. 14896.—Bearing and fender piles were driven. Side caps and necessary chocks placed and fastened, the backing log repaired and new sheathing laid. Used 1,063 feet, B. M., of yellow pine and 2,520 feet, B. M., of 3-inch spruce. Begun August 16 and finished August 23, 1895.

## Upper Pier at Hart's Island, L. I. Sound.

Secretary's Order No. 14895.—Spring piles were driven, backing log renewed and chocks put on. Used 2,007 feet, B. M., of yellow pine and 100 pounds of chain. Begun August 16 and finished August 30, 1895.

## Lower Pier at Hart's Island, L. I. Sound.



## DRAUGHTING-ROOM.

## SUMMARY OF WORK DONE IN THE DRAUGHTING-ROOM, OFFICE OF THE ENGINEER-IN-CHIEF,

DURING THE YEAR.

## Plans, Specifications, Estimates and Studies for Contract Work.

Secretary's Order No. 14906.—Repairs to bulkhead at East Seventeenth street, East river. Report submitted July 10, 1895; Contract No. 510.

Secretary's Order No. 14914.—Repairs to Pier at West Fifty-first street, North river. Report submitted June 5, 1895; Contract No. 506.

Secretary's Order No. 15525.—Repairs to Pier and approach at West Twentieth street, North river. Report submitted July 12, 1895; Contract No. 514.

Secretary's Order No. 15218.—Rebuilding platform between East Sixty-second and East Sixty-third streets, East river. Report submitted October 10, 1895; Contract No. 523.

Secretary's Order No. 15268.—Paving between West Ninety-sixth and West Ninety-eighth streets, North river. Report submitted August 22, 1895; Contract No. 520.

Secretary's Order No. 15684.—Dumping-board at East Seventeenth street, East river. Report submitted December 18, 1895.

Secretary's Order No. 15742.—Platform for filling between Piers, new 53 and new 54, North river. Report submitted January 15, 1896; Contract No. 530.

Secretary's Order No. 15859.—New pier for the Department of Street Cleaning at West Ninety-seventh street, North river. Plans, etc., finished.

Secretary's Order No. 16146.—Repairing and extending Pier at West One Hundred and Thirty-first street, North river; in progress.

Secretary's Order No. 16147.—New Pier at East One Hundred and Sixteenth street, Harlem river; in progress.

Engineer's Order No. 15156.—Repairs to Pier and approach at West Forty-sixth street, North river. Report submitted May 8, 1895; Contract No. 505.

Engineer's Order No. 15280.—Repairs to pier and shed, Pier, new 43, North river. Report submitted June 5, 1895; Contract No. 507 (not let).

Engineer's Order No. 15454.—Repairs to Pier and approach at West Thirty-fourth street, North river. Report submitted July 3, 1895; Contract No. 519.

Engineer's Order.—Paving in the vicinity of Pier, new 19, North river. Report submitted July 16, 1895; Contract No. 515.

Engineer's Order.—Rebuilding Pier, new 43, North river. Report submitted September 4, 1895; Contract No. 518.

Engineer's Order.—Plans for two-story shed on Pier, new 43, North river; in progress.

Engineer's Order.—Steel dumping bins for the Department of Street Cleaning at East Seventeenth street, East river; in progress.

Engineer's Order.—Foundations for dumping-bins at East Seventeenth street, East river. Report submitted February 27, 1896; Contract No. 529.

Engineer's Order.—Removal of rock between East Ninety-second and East Ninety-third streets, East river. Report submitted February 5, 1896; Contract No. 528.

Engineer's Order.—Dredging at Sherman's creek, Harlem river. Report submitted March 16, 1896; Contract No. 532.

Engineer's Order.—Crib bulkhead at Sherman's creek, Harlem river. Report submitted March 24, 1896; Contract No. 533.

Plans, Studies, etc., for Construction, or Repairs by Department Labor, or Under Treasurer's Orders.

Engineer's Order.—Wire and galvanized iron signs for Pier "A," North river. Treasurer's Order No. 18201.

Engineer's Order.—Recovering 38 awning frames for building on Pier "A," North river. Treasurer's Order No. 18147.

Engineer's Order.—Repairs to wire rope railing at Pier "A," North river. Treasurer's Order No. 18115.

Engineer's Order.—Pipe frame awning shelter at East One Hundred and Seventeenth street, Harlem river.

Engineer's Order.—Pipe railings for float stage at Pier "A," North river. Treasurer's Order No. 18109.

Engineer's Order.—Painting the outside of the building on Pier "A," North river. Treasurer's Order No. 18184.

Engineer's Order.—Plans for cast iron silt basin.

Engineer's Order.—Repairs to 100-ton derrick.

Engineer's Order.—Repairs to 12-ton derrick.

Engineer's Order.—Filing and map cases. Treasurer's Order No. 18116.

Engineer's Order.—Enamel iron signs for the Dock Superintendent. Treasurer's Order No. 18234.

Secretary's Order No. 15844.—Iron store-room at Pier "A," North river; in progress.

Engineer's Order.—Storehouse dock extension, Blackwell's Island. Report submitted January 16, 1896.

Engineer's Order.—Check pieces for binding frame. Report submitted January 16, 1896.

Engineer's Order.—Fendering for Pier, new 14, North river.

Engineer's Order.—Asphalt pavement repairs, approach to Pier "A," North river.

Engineer's Order.—General studies for large piers.

## New Plans for Water-front Improvement or for Change in Lines.

Engineer's Order.—Change in pierhead line, between East Ninety-fourth and East One Hundred and Fourth streets, East and Harlem rivers. Report submitted December 30, 1895.

Engineer's Order.—Change in lines of Pier, new 52, North river. Report submitted October 10, 1895.

Engineer's Order.—Amendment to proposed new plan at One Hundred and Forty-seventh street, Harlem river. Report submitted January 2, 1896.

Engineer's Order.—Change in lines of Pier at East One Hundred and Sixteenth street, Harlem river. Report submitted April 21, 1896.

Engineer's Order.—New plan amendment, from Gansevoort to West Twenty-third street; in progress.

## Plans Submitted by Private Parties, Examined and Reported on.

Engineer's Order.—Coal Derrick (Stokes and Thedford), between West Fifty-fourth and West Fifty-fifth streets, North river. Report submitted May 23, 1895.

Engineer's Order.—Coal derrick (Moquin and Offerman), between West Ninety-fifth and West Ninety-sixth streets, North river. Report submitted May 23, 1895.

Secretary's Order No. 14535.—Bulkhead shed at Pier, new 13, North river. Preliminary report.

Secretary's Order No. 15970.—Repairs to pier at East Twenty-third street, East river. Report submitted June 26, 1895.

Secretary's Order No. 15075.—Shed for Fulton Fish Market, between Piers 22 and 23, East river. Report submitted July 2, 1895.

Engineer's Order.—Dumping board at Bethune street, North river. Report submitted July 8, 1895.

Engineer's Order.—Crib foundation for Columbia College Boat-house, between West One Hundred and Fifteenth and West One Hundred and Sixteenth streets, North river. Report submitted July 19, 1895.

Engineer's Order.—Awning shed for Pier 23, East river. Report submitted July 27, 1895.

## Contracts under which Work has been done during the Year.

No.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT PRICE.	AMOUNT PAID.
485. Under New Plan...	For removing present platform and for preparing for and building a new wooden pier and approach with appurtenances, including a sewer-box, at the foot of East Sixty-second street, East river. Dated October 22, 1894.....	Nov. 8, 1894	July 10, 1895	Class 1: New pier and approach, \$15,450..... Class 2: Rip-rap stone, 50 cents per cubic yard.....	\$15,450 00 20,204 00
489. Under New Plan and General Repairs...	For dredging on the North river, between the Battery and West Thirty-fourth street. Dated January 8, 1895.....	Jan. 14, 1895	July 30, 1895	14½ cents per cubic yard.....	23,638 05
490. Under New Plan...	For furnishing sawed spruce timber. Dated February 23, 1895.....	Jan. 26, 1895	June 29, 1895	\$19 per thousand.....	4,755 35
491. Under New Plan...	For furnishing and delivering about 600 tons of anthracite coal. Dated February 9, 1895.....	Feb. 9, 1895	May 24, 1895	\$3.97 per ton.....	2,431 97
493. General Repairs and Under New Plan...	For dredging on the East and Harlem rivers. Dated January 23, 1895.....	Feb. 1, 1895	Sept. 3, 1895	28½ cents per cubic foot.....	17,431 31
495. Not Under New Plan...	For preparing for and building a new coal pier with appurtenances on the westerly side of Ward's Island, Harlem river. Dated March 26, 1895.....	Apr. 1, 1895	May 29, 1895	\$2,690 00	2,690 00
496. Under New Plan...	For furnishing sawed yellow pine timber. Dated March 12, 1895.....	May 21, 1895	Oct. 11, 1895	\$19.67 per thousand.....	7,647 50
498. General Repairs...	For building and delivering a float-stage for the boat landing at Pier "A," North river. Dated May 8, 1895.....	May 13, 1895	June 6, 1895	\$1,270 00	1,270 00
499. General Repairs...	For dredging on the Harlem river. Dated May 29, 1895.....	June 6, 1895	Dec. 2, 1895	22 cents per cubic yard.....	1,340 46
500. General Repairs and Under New Plan...	For dredging north of West Thirty-fourth street, on the North river. May 29, 1895.....	May 30, 1895	Aug. 21, 1895	18 cents per cubic yard.....	17,983 80
501. Under New Plan...	For furnishing and delivering about 600 tons of anthracite coal. July 18, 1895.....	July 20, 1895	Oct. 30, 1895	\$3.49 per ton.....	2,102 26
502. Under New Plan...	For preparing for and laying a pavement of second-hand Belgian blocks on newly-made land in rear of the bulkhead wall, between West Fifty-second street and West Fifty-fourth street, and taking up and relaying a portion of the existing pavement at West Fifty-fourth street, on the North river. Dated May 29, 1895.....	June 6, 1895	June 22, 1895	\$2,760 00	2,760 00
503. General Repairs...	For repairing the Pier at the foot of East Twenty-sixth street, East river. Dated June 4, 1895.....	July 17, 1895	Sep. 10, 1895	8,372 03	8,372 00
504. Under New Plan...	For furnishing sawed spruce timber.....	All bids rejected.			
505. General Repairs...	For repairing the pier and approach at the foot of West Forty-sixth street, North river. July 11, 1895.....	July 16, 1895	Dec. 7, 1895	13,333 00	13,333 00
506. General Repairs...	For repairing the pier at the foot of West Fifty-first street, North river. Dated July 26, 1895.....	Aug. 2, 1895	Sep. 6, 1895	4,175 00	4,175 00
507. General Repairs...	For repairing Pier, new 43, near the foot of Barrow street, North river, and for repairing and painting the shed thereon.	New contract	ordered.	Class 1: Aug. 15, 1895..... Class 2: Sept. 23, 1895.....	1,994 16 3,255 00
508. Under New Plan...	For furnishing and putting in place small cobble and rip-rap stones and for furnishing and delivering sand and broken stone.....	Sept. 23, 1895	Dec. 20, 1895	Class 1: Small cobble, 8c..... Class 2: Rip rap, 35c..... Class 3: Sand, 6½c..... Class 4: Broken stone, \$1.25.....	1,409 80 784 12

509. Under New Plan...	For furnishing about 8,000 barrels of Portland cement.....	Sept. 14, 1895	Dec. 7, 1895	{ Class 1: \$7,500 00 Class 2: 650.....	122 20
510. General Repairs...	For repairing the crib-bulkhead at the foot of East Seventeenth street, East river. Dated Sept. 11, 1895.....				
511. General Repairs and Under New Plan...	For dredging on the North river, between the Battery and West Thirty-fourth street. Dated Sept. 19, 1895.....	Sept. 26, 1895	In progress.	17 1/2 cents per cubic yard.....	
512. General Repairs...	For dredging north of West Thirty-fourth street on the North river. Dated Sept. 11, 1895.....	Sept. 18, 1895	In progress.	17 1/2 cents per yard.....	
513. General Repairs...	For dredging on the East and Harlem rivers. Dated Oct. 21, 1895.....	Oct. 27, 1895	In progress.	20 cents per yard.....	
514. General Repairs...	For repairing the pier and approach at the foot of West Twentieth street, North river. Dated Aug. 28, 1895.....	Sept. 17, 1895	Oct. 14, 1895	\$3,989 00	3,989 00
515. Under New Plan...	For preparing for and paving the newly-made land in the vicinity of Pier, new 19, North river, with granite or Staten Island syenite blocks; laying crosswalks, and building the necessary drains or sewers and appurtenances. Dated Aug. 28, 1895.....				
516. Under New Plan...	For furnishing and delivering Manila hemp rope. Dated Sept. 21, 1895.....	Sept. 11, 1895	Nov. 8, 1895	7,000 00	7,000 00
517. Under New Plan...	For furnishing sawed yellow pine timber. Dated Oct. 16, 1895.....	Oct. 7, 1895	Oct. 8, 1895	6 47	1,466 43
518. General Repairs...	For removing a portion of Pier, new 43, near the foot of Barrow street, North river, the shed and other structures thereon; and for preparing for and rebuilding the pier, with its appurtenances. Dated Oct. 16, 1895.....	Dec. 30, 1895	In progress.	20 00	
519. General Repairs...	For repairing the pier and approach at the foot of West Thirty-fourth street, North river. Dated October 18, 1895.....	Oct. 21, 1895	Feb. 17, 1896	24,100 00	24,100 00
520. Under New Plan...	For preparing for and laying a pavement of second-hand Belgian blocks on filled-in land in rear of the bulkhead between West Ninety-sixth street and West Ninety-eighth street, North river. Dated October 29, 1895.....	Oct. 22, 1895	Jan. 27, 1896	9,486 50	9,486 50
521. Under New Plan...	For dredging at East Ninety-ninth Street Section, on the Harlem river. Dated November 23, 1895.....				
522. Under New Plan...	For furnishing and delivering about 600 tons of anthracite coal. Dated December 4, 1895.....				
523. General Repairs...	For preparing for and repairing the bulkhead platform between East Sixty-second street and East Sixty-third street, East river. Dated November 23, 1895.....				
524. General Repairs...	Dredging on North river, between the Battery and West Thirty-fourth street.....				
525. Under New Plan...	For furnishing and putting in place small cobble and rip-rap stones and for furnishing and delivering sand and broken stone. Dated February 5 and 28, 1896.....				
526. Not Under New Plan.....	For preparing for and building a dumping-board at East Seventeenth street, East river.....				
527. Under New Plan...	For furnishing and delivering about 700 tons of anthracite coal. Dated March 19, 1896.....				
528. Under New Plan...	For removing rock and other material to a depth of ten feet below mean low-water, between East Ninety-second street and East Ninety-third street, East river.....				
529. Not Under New Plan.....	For preparing for and building the foundation and substructure for storage and dumping bins at the foot of East Seventeenth street, East river. Dated April 22, 1896.....				
530. Under New Plan...	For preparing for and building a platform in the rear of the bulkhead-wall between Piers, new 53 and 54, North river. Dated February 21, 1896 (?).....				
531. Under New Plan...	For furnishing sawed spruce timber.....				

## FORMS OF CONTRACTS AND SPECIFICATIONS PREPARED AND SUBMITTED TO THE BOARD.

Engineer's Order.—For repairs to pier and approach at West Forty-sixth street, North river. Submitted May 16, 1895, and advertised as Contract No. 505.

Secretary's Order No. 14914.—For repairs to pier at West Fifty-seventh street, North river. Submitted June 6, 1895, and advertised as Contract No. 506.

Engineer's Order.—For repairs to Pier, new 43, North river, and shed thereon. Submitted June 6, 1895, and advertised as Contract No. 507.

Engineer's Order.—For furnishing and delivering cobble stone, rip-rap, sand and broken stone. Submitted June 21, 1895, and advertised as Contract No. 508.

Engineer's Order.—For furnishing and delivering cement. Submitted June 27, 1895, and advertised as Contract No. 509.

Secretary's Order No. 14906.—For repairs to bulkhead at East Seventeenth street, East river. Submitted July 12, 1895, and advertised as Contract No. 510.

Engineer's Order.—For dredging on the North river, between Battery and West Thirty-fourth street. Submitted July 15, 1895, and advertised as Contract No. 511.

Engineer's Order.—For dredging north of West Thirty-fourth street, North river. Submitted July 15, 1895, and advertised as Contract No. 512.

Engineer's Order.—For dredging on the East and Harlem rivers. Submitted July 15, 1895, and advertised as Contract No. 513.

Secretary's Order No. 15525.—For repairs to pier and approach at West Twentieth street, North river. Submitted July 15, 1895, and advertised as Contract No. 514.

Engineer's Order.—For paving in the vicinity of Pier, new 19, North river. Submitted July 18, 1895, and advertised as Contract No. 515.

Engineer's Order.—For furnishing and delivering rope. Submitted July 18, 1895, and advertised as Contract No. 516.

Engineer's Order.—For furnishing and delivering about 460,575 feet, B. M., of yellow pine timber. Submitted July 25, 1895, and advertised as Contract No. 517.

Engineer's Order.—For rebuilding Pier, new 43, North river. Submitted September 5, 1895, and advertised as Contract No. 518.

Engineer's Order.—For repairs to pier and approach at West Thirty-fourth street, North river. Submitted September 5, 1895, and advertised as Contract No. 519.

Secretary's Order No. 15268.—For paving between West Ninety-sixth and West Ninety-eighth streets, North river. Submitted September 5, 1895, and advertised as Contract No. 520.

Engineer's Order.—For dredging at East Ninety-ninth Street Section, Harlem river. Submitted October 10, 1895, and advertised as Contract No. 521.

Engineer's Order.—For furnishing and delivering about 600 tons of coal. Submitted October 10, 1895, and advertised as Contract No. 522.

Secretary's Order No. 15218.—For repairing bulkhead between East Sixty-second and East Sixty-third streets, East river. Submitted October 10, 1895, and advertised as Contract No. 523.

Engineer's Order.—For dredging on the North river, between the Battery and West Thirty-fourth street. Submitted October 11, 1895, and advertised as Contract No. 524.

Secretary's Order No. 15765.—For dredging on the North river, between the Battery and West Thirty-fourth street. Submitted December 13, 1895, and never advertised.

Secretary's Order No. 15766.—For dredging north of West Thirty-fourth street, North river. Submitted December 13, 1895, and never advertised.

Secretary's Order No. 15767.—For dredging between the Battery and East One Hundred and Twenty-first street, Harlem river. Submitted December 13, 1895, and never advertised.

Secretary's Order No. 15768.—For dredging between East One Hundred and Twenty-fifth and East One Hundred and Forty-first streets, Harlem river. Submitted December 13, 1895, and never advertised.

Engineer's Order.—For furnishing and delivering cobble, rip-rap, sand and broken stone. Submitted December 19, 1895, and advertised as Contract No. 525.

Secretary's Order No. 15684.—For building dumping-board at East Seventeenth street, East river. Submitted December 20, 1895, and advertised as Contract No. 526.

Secretary's Order No. 15742.—For building platform for filling-in between Piers, new 53 and 54, North river. Submitted January 16, 1896, and advertised as Contract No. 530.

Engineer's Order.—For furnishing and delivering about 700 tons of coal. Submitted February 6, 1896, and advertised as Contract No. 527.

Engineer's Order.—For removal of rock between East Ninety-second and East Ninety-third streets, East river. Submitted February 6, 1896, and advertised as Contract No. 528.

Engineer's Order.—For building foundations for dumping bins at East Seventeenth street, East river. Submitted March 5, 1896, and advertised as Contract No. 529.

Engineer's Order.—For dredging at Sherman's creek, Harlem river. Submitted March 19, 1896, and advertised as Contract No. 532.

Engineer's Order.—For building crib-bulkhead at Sherman's creek, Harlem river. Submitted March 26, 1896, and advertised as Contract No. 533.

Engineer's Order.—For dredging at West One Hundred and Fifty-eighth street, North river, North Brother Island, East river, and Randall's Island, Harlem river. Submitted March 26, 1896, and advertised as Contract No. 534.

Engineer's Order.—For dredging on the North river, between the Battery and West Thirty-fourth street. Submitted April 2, 1896, and advertised as Contract No. 535.

Engineer's Order.—For dredging north of West Thirty-fourth street, North river. Submitted April 2, 1896, and advertised as Contract No. 536.

Engineer's Order.—For dredging at Pier, new 38, new 39, new 40, new 42, new 44 and new 45, North river. Submitted April 9, 1896, and advertised as Contract No. 537.

Secretary's Order No. 16154.—For dredging in the vicinity of East One Hundred and Sixteenth street, Harlem river. Submitted April 23, 1896, and advertised as Contract No. 538.

Engineer's Order.—For furnishing and putting in place small cobble and rip-rap, and for furnishing and delivering sand and broken stone. Submitted April 30, 1896, and advertised as Contract No. 539.

## Dredging done by the Department of Docks during the Year ending April 30, 1896.

LOCATION.	MONTH.	CUBIC YARDS.		DEPTH AT MEAN LOW WATER.	CONTRACT NO. OR TREASURER'S ORDER NO.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.	PRICE.	AMOUNT.
		Mud.	Miscellane- ous.								
Dey street section, Extended, bulkhead-wall.....	Feb., 1896	562	.....	25	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	Feb. 10, 1896	Feb. 10, 1896	17 1/2	\$98 35
Pier, new 15, N. R. (south side).....	Dec., 1895	9,233	.....	30	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	Dec. 23, 1895	Dec. 23, 1895	17 1/2	1,615 79
Bulkhead north of Pier 21, N. R. ....	Apr., 1896	361	.....	15	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	Apr. 19, 1896	Apr. 19, 1896	17 1/2	96 25
*Canal street, N. R. (dumping-board).....	Nov., 1895	306	.....	15	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	Nov. 24, 1895	Nov. 24, 1895	17 1/2	53 55
Pier, new 39, N. R. ....	Mar., 1896	256	.....	15	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	Mar. 29, 1896	Mar. 29, 1896	17 1/2	44 80
Bulkhead south of Pier, new 42, N. R. ....	June, 1895	19,778	.....	30	Contract No. 489.....	Res. of Board, Nov. 22, 1896.....	J. H. Fenner.....	June 18, 1895	July 12, 1895	14 1/2	2,867 81
Bulkhead between Piers, new 42 and 43, N. R. ....	July, 1895	16,329	.....	30	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	Apr. 5, 1896	Apr. 5, 1896	17 1/2	2,367 71
Pier, new 43, N. R. (south side).....	Apr., 1896	235	.....	15	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	Feb. 20, 1896	Feb. 20, 1896	17 1/2	41 13
Bulkhead south of Pier, new 42, N. R. ....	Feb., 1896	251	.....	10 to 15	Contract No. 511.....	Res. of Board, July 15, 1895.....	Morris & Cumings Dredging Co.	July 16, 1895	July 20, 1895	14 1/2	43 92
Pier, new 43, N. R. (south side).....	July, 1895	6,516	.....	25	Contract No. 489.....	Res. of Board, Nov. 22, 1896.....	Morris & Cumings Dredging Co.	Nov. 25, 1895	Dec. 1, 1896	1	

Bulkhead between West Fifty-seventh and Fifty-eighth streets, N. R.	Oct., 1895	3,652	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Oct. 3, 1895	Oct. 7, 1895	17 3/4	\$648 23
South of West Seventy-fifth street, N. R. (in front timber basin).	Dec., 1895	2,027	.....	10	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Dec. 16, 1895	Dec. 20, 1895	17 3/4	359 79
Bulkhead foot of West Seventy-fifth street, N. R.	Dec., 1895	326	.....	18	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Dec. 21, 1895	.....	17 3/4	57 87
Bulkhead north of West Seventy-fifth street, N. R.	Jan., 1895	662	.....	18	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Jan. 8, 1895	.....	17 3/4	117 51
Bulkhead foot of West Ninety-sixth street, N. R.	Dec., 1895	542	.....	18	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Dec. 20, 1895	Dec. 21, 1895	17 3/4	96 21
*West One Hundred and Twenty-ninth street, N. R. (dumping-board).	Sept., 1895	662	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Sept. 18, 1895	Sept. 18, 1895	17 3/4	117 52
West One Hundred and Twenty-ninth street Pier, N. R. (half north slip).	Dec., 1895	4,220	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Dec. 22, 1895	.....	17 3/4	749 05
Bulkhead, One Hundred and Twenty-ninth to One Hundred and Thirtieth streets, N. R.	Jan., 1896	1,641	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Jan. 5, 1896	.....	17 3/4	291 27
Platform, West One Hundred and Thirtieth street, N. R. and north of same.	Mar., 1896	2,138	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Mar. 13, 1896	Mar. 17, 1896	17 3/4	379 50
West One Hundred and Thirtieth street (half north slip), N. R.	Mar., 1896	3,479	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Mar. 17, 1896	Mar. 20, 1896	17 3/4	617 52
Pier, West One Hundred and Thirtieth second street (north side), N. R.	Mar., 1896	3,519	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Mar. 20, 1896	Mar. 24, 1896	17 3/4	624 62
Bulkhead between One Hundred and Thirty-first and One Hundred and Thirty-second streets, N. R.	Mar., 1896	3,966	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Mar. 3, 1896	Mar. 9, 1896	17 3/4	348 96
*Pier 44, E. R. (dumping-board).	Mar., 1896	1,405	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Mar. 11, 1896	Mar. 13, 1896	17 3/4	249 39
Pier 48, E. R. (west side).	Mar., 1896	1,642	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Mar. 9, 1896	Mar. 11, 1896	17 3/4	291 45
Pier, old 58, E. R. (north side).	Apr., 1896	2,048	.....	12	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Apr. 4, 1896	Temp. susp.	17 3/4	363 52
Bulkhead foot of East Fourth street, E. R.	Apr., 1896	1,062	.....	12	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Apr. 3, 1896	Temp. susp.	17 3/4	188 50
East Eighth street Pier, E. R. (half slip north).	Aug., 1895	311	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	Aug. 31, 1895	Aug. 31, 1895	18 3/4	58 11
Pier, old 58, E. R. (north side).	Jan., 1895	627	.....	15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Jan. 12, 1895	.....	125 40	
Pier, old 58, E. R. (north side).	Mar., 1896	454	.....	15	Contract No. 512.....	Res. of Board, July 15, 1895.	P. Sanford Ross.....	Mar. 29, 1896	Mar. 29, 1896	20	90 80
Pier, old 58, E. R. (north side).	Apr., 1896	5,217	.....	25	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Apr. 9, 1896	.....	1,043 40	
Pier, old 58, E. R. (north side).	May, 1895	2,055	.....	10	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	May 2, 1895	May 16, 1895	18 3/4	497 81
Pier, old 58, E. R. (north side).	May, 1895	7,524	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	May 16, 1895	May 23, 1895	18 3/4	1,410 75
July, 1895	4,522	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	July 26, 1895	July 29, 1895	18 3/4	847 88	
July, 1895	5,127	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	July 22, 1895	July 25, 1895	18 3/4	961 31	
Aug., 1895	3,025	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	Aug. 21, 1895	Aug. 24, 1895	18 3/4	567 19	
Bulkhead between East Ninth and Tenth streets, E. R.	Aug., 1895	793	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	Aug. 27, 1895	Aug. 27, 1895	18 3/4	148 69
East Tenth Street Pier, E. R. (south side).	Aug., 1895	3,185	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	Aug. 9, 1895	Aug. 12, 1895	18 3/4	597 19
*East Seventeenth Street, E. R. (dumping-board).	Dec., 1895	384	.....	15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Dec. 10, 1895	Dec. 11, 1895	20	76 80
Bulkhead between Seventeenth and Eighteenth streets, E. R.	Feb., 1896	952	.....	10	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Feb. 3, 1896	Feb. 3, 1896	20	190 40
Bulkhead foot of East Twentieth street, E. R.	Nov., 1895	487	.....	11	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Nov. 22, 1895	Nov. 22, 1895	20	97 40
Bulkhead foot of Thirtieth street, E. R.	Mar., 1896	952	.....	11 to 15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Mar. 19, 1896	Mar. 24, 1896	20	190 40
*East Thirty-eighth street, E. R. (dumping-board).	Oct., 1895	758	.....	15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Oct. 27, 1895	Oct. 27, 1895	20	151 60
*East Forty-sixth street, E. R. (dumping-board).	Jan., 1896	1,018	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	Jan. 17, 1896	Jan. 17, 1896	20	203 60
East Eighty-first street, E. R. (dumping-board).	Aug., 1895	525	.....	15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Aug. 29, 1895	Aug. 30, 1895	18 3/4	98 44
East Ninety-first street section, E. R., bulkhead-wall.	Jan., 1896	532	.....	15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Jan. 18, 1896	Jan. 18, 1896	20	106 40
East Ninety-ninth street section, E. R., bulkhead-wall.	Mar., 1896	258	.....	12 to 15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Mar. 20, 1896	Mar. 5, 1896	20	56 60
East One Hundred and Seventeenth street, H. R. (north side).	Nov., 1895	281	.....	10	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Nov. 21, 1895	Nov. 21, 1895	20	56 20
*Lincoln avenue, H. R. (dumping-board).	Dec., 1895	596	.....	12 to 15	Contract No. 513.....	Res. of Board, July 12, 1895.	W. H. Beard Dredging Co.	Mar. 3, 1896	Mar. 4, 1896	20	106 60
Bulkhead foot of East One Hundred and Twenty-fifth street, H. R.	Oct., 1895	355	.....	15	Contract No. 493.....	Res. of Board, Dec. 6, 1894.	Morris & Cumings Dredging Co.	July 25, 1895	July 25, 1895	18 3/4	13 88
Slip foot of East One Hundred and Thirty-ninth street, H. R.	June, 1895	1,992	.....	15	Contract No. 499.....	Res. of Board, Dec. 6, 1894.	The Atlantic Dredging Co.	Oct. 4, 1895	Oct. 5, 1895	22	78 10
Slip foot of East One Hundred and Fortieth street, H. R.	June, 1895	3,150	.....	15	Contract No. 499.....	Res. of Board, Dec. 6, 1894.	The Atlantic Dredging Co.	June 6, 1895	June 11, 1895	22	438 24
Total....		398,198				Res. of Board, Apr. 18, 1895.	The Atlantic Dredging Co.	June 11, 1895	June 22, 1895	22	693 00

NOTE.—Premises marked thus \* denote where work has been done for other Departments.

Statement of Dredging Done by Lessees, Private Parties and Owners, Under Order or Permit from the Board of Docks.

LOCATION.	DEPTH MADE.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.						
Piers 10 and 11, N. R.	25	Permit....	Metropolitan Steamship Co.	Oct. 1, 1895	Oct. 27, 1895						
Dump at Canal street, N. R.	15	Permit....	Brown & Fleming.....	Aug. 4, 1895	Aug. 4, 1895						
Dump at Canal street, N. R.	15	Permit....	Brown & Fleming.....	Jan. 5, 1896	Jan. 5, 1896						
Dump at West Nineteenth street, N. R.	15	Permit....	Brown & Fleming.....	Apr. 26, 1896	Apr. 26, 1896						
Dump at West Nineteenth street, N. R.	15	Permit....	Brown & Fleming.....	July 24, 1895	July 24, 1895						
Piers, new 54 and 55,											

Secretary's Order No. 15725.—Repairs were made to pier, where necessary, by the Lehigh Valley Railroad Company. Begun December 11 and finished December 16, 1895.

Secretary's Order No. 15752.—Horizontal sheathing on sides of pier was repaired by the Lehigh Valley Railroad Company. Begun December 11 and finished December 17, 1895.

*Pier 3, N. R.*

Secretary's Order No. 15795.—Fender piles at outer end of pier were repaired by the Lehigh Valley Railroad Company. Begun January 6 and finished January 7, 1896.

*Pier 5, N. R.*

Secretary's Order No. 15220.—Repairs were made to pier where necessary by the Pennsylvania Railroad Company. Begun July 12 and finished August 13, 1895.

*Pier 6, N. R.*

Secretary's Order No. 14814.—Repairs were made to pier by the New York and Baltimore Transportation Company. Begun April 14 and finished June 7, 1895.

Secretary's Order No. 15670.—Repairs were made to pier by the New York and Baltimore Transportation Company. Begun January 10 and finished January 16, 1896.

*Between Piers 6 and 7, N. R.*

Secretary's Order No. 15785.—Platform on piles between piers was repaired by the New York and Baltimore Transportation Company. Begun January 6 and finished January 18, 1896.

*Pier 7, N. R.*

Secretary's Order No. 15461.—Repairs were made to pier where necessary by the New York and Baltimore Transportation Company. Begun January 6 and finished January 18, 1896.

*Pier 8, N. R.*

Secretary's Order No. 14809.—Pier was repaired where necessary by the Central Railroad Company of New Jersey. Begun May 27 and finished August 8, 1895.

Secretary's Order No. 15281.—Repairs were made to pier where necessary by the Central Railroad Company of New Jersey. Begun October 3 and finished October 22, 1895.

Secretary's Order No. 15735.—General repairs are being made to pier by William Cruikshank's Sons, Agents. Begun February 8, 1896; in progress.

*Pier 9, N. R.*

Secretary's Order No. 15109.—The substructure of pier was repaired by the Cromwell Steamship Company. Begun September 23 and finished October 2, 1895.

*Between Piers 11 and 12, N. R.*

Secretary's Order No. 15789.—Platform between piers was repaired by the Central Railroad Company of New Jersey. Begun August 24 and finished December 31, 1895.

*Piers, old 12, 13 and 14, N. R.*

Secretary's Order No. 14900.—Repairs were made to piers where necessary by the Central Railroad Company of New Jersey. Begun June 4 and finished August 8, 1895.

Secretary's Order No. 15336.—Piers were repaired where necessary by the Central Railroad Company of New Jersey. Begun August 24 and finished December 31, 1895.

Secretary's Order No. 15801.—Repairs are being made to above piers where necessary by the Central Railroad Company of New Jersey. Begun January 10, 1896; in progress.

*Liberty Street, N. R.*

Secretary's Order No. 15790.—Repairs were made to ferry-racks by the Central Railroad Company of New Jersey. Begun and finished December 16, 1895.

*Pier, old 16, N. R.*

Secretary's Order No. 14814.—The south side of pier and ferry-rack adjacent to same were repaired by the Pennsylvania Railroad Company. Begun April 16 and finished June 7, 1895.

*Cortlandt Street, N. R.*

Secretary's Order No. 14940.—Oak fender piles of ferry-rack were removed and replaced, and sheathing on platform was repaired by the Pennsylvania Railroad Company. Begun May 20 and finished June 7, 1895.

Secretary's Order No. 15695.—The platform north of ferry was repaired by the Pennsylvania Railroad Company. Begun December 6 and finished December 7, 1895.

Secretary's Order No. 16131.—Platform and pavement in front of ferry are being repaired by the Department of Public Works and the Pennsylvania Railroad Company. Begun April 15, 1896; in progress.

*Pier, new 13, N. R.*

Secretary's Order No. 14486.—A shed on the bulkhead north of pier is being erected by John H. Starin. Begun March 22, 1895; in progress.

Secretary's Order No. 14535.—A shed is being erected by John H. Starin on the bulkhead south of and adjacent to pier. Begun October 30, 1895; in progress.

Secretary's Order No. 15011.—A gangway about 10 feet in width was built from the old bulkhead shed to the southerly side of pier by John H. Starin. Begun and finished June 10, 1895.

*Between Piers, new 13 and 14, N. R.*

Secretary's Order No. 15814.—Backing-log on the bulkhead was repaired by John H. Starin. Begun February 7 and finished April 1, 1896.

*Pier, new 14, N. R.*

Secretary's Order No. 14485.—A shed was constructed on the bulkhead south of pier by the International Navigation Company. Begun March 4 and finished September 2, 1895.

Secretary's Order No. 15813.—A test was made of a patent fire extinguisher for use on pier. March 4, 1895.

*Piers, new 14 and 15, N. R.*

Secretary's Order No. 15829.—Repairs were made to piers when required by the International Navigation Company. Begun January 3 and finished April 20, 1896.

*Pier, new 15, N. R.*

Secretary's Order No. 13572.—The shed on above pier was extended by the International Navigation Company. Begun July 9, 1895, and finished February 20, 1896.

Secretary's Order No. 15278.—Temporary baggage-room was removed from platform north of pier by the Hoboken Ferry Company. Begun and finished August 10, 1895.

Secretary's Order No. 15443.—Cable under pier was renewed and relaid by the Metropolitan Telephone and Telegraph Company. Begun September 27 and finished October 8, 1895.

Secretary's Order No. 15666.—Temporary platform in front of pier was removed by the Hoboken Land and Improvement Company. Begun November 8 and finished December 3, 1895.

Secretary's Order No. 15846.—Temporary baggage-room north of Pier was removed to centre of bulkhead by the Hoboken Land and Improvement Company. Begun January 15 and finished January 17, 1896.

*Between Piers, new 15 and old 25, N. R.*

Secretary's Orders Nos. 13551, 14283.—Bulkhead wall is being built, earth-filling placed in rear of same and shed is being erected on bulkhead by the Hoboken Land and Improvement Company. Begun October 16, 1894; in progress.

*Pier, old 27, N. R.*

Secretary's Order No. 14661.—Steel tower was placed on the southwesterly corner of pier by the New York Central and Hudson River Railroad Company. Begun April 16 and finished May 16, 1895.

*Between Piers, old 27 and 28, N. R.*

Secretary's Order No. 15462.—Pavement on bulkhead between Piers was repaired by the owners and occupants. Begun October 9 and finished October 10, 1895.

Secretary's Order No. 15784.—Five piles were driven in front of platform by G. W. Rogers and Company, for the New York Central and Hudson River Railroad Company. Begun and finished December 15, 1895.

*Pier, old 28, N. R.*

Secretary's Order No. 15378.—Repairs were made to Pier by the Old Colony Steamboat Company. Begun August 21 and finished December 1, 1895.

*Warren Street, N. R.*

Secretary's Order No. 14923.—Temporary awning shed was erected on the new-made land by the Metropolitan Street Railway Company. Begun May 17 and finished May 20, 1895.

*Pier, new 19, N. R.*

Secretary's Orders Nos. 14257, 14687.—The work consists of erecting shed on the pier and bulkhead adjoining by the Old Colony Steamboat Company. Begun July 22, 1895; in progress.

Secretary's Order No. 15469.—Gas-pipe was laid to pier by the Consolidated Gas Company. Begun October 5 and finished October 10, 1895.

*Chambers Street, N. R.*

Secretary's Order No. 15368.—Repairs were made to the ferry premises by the Erie Railroad Company. Begun September 5 and finished December 31, 1895.

Secretary's Order No. 15843.—Repairs are made to pavement between tracks by the Metropolitan Street Railway Company. Begun January 7, 1896; in progress.

*Pier, new 20, N. R.*

Secretary's Order No. 16008.—Repairs are being made to sides of pier by the Erie Railroad Company. Begun April 26, 1896; in progress.

*Piers, new 20 and 21, N. R.*

Secretary's Order No. 14888.—Deck sheathing was repaired and the fenders fastened by the Erie Railroad Company. Begun April 25 and finished August 31, 1895.

Secretary's Order No. 15201.—Repairs were made to piers by the Erie Railroad Company. Begun August 12 and finished December 31, 1895.

Secretary's Order No. 15362.—Repairs are being made to piers, from time to time when necessary by the Erie Railroad Company. Begun January 2, 1896; in progress.

*Pier, new 21, N. R.*

Secretary's Order No. 16007.—Repairs are being made to the sides of pier by the Erie Railroad Company. Begun April 26, 1896; in progress.

*Jay Street, N. R.*

Secretary's Order No. 15027.—Pavement on new-made land was relaid by the Department of Public Works. Begun June 12, 1895, and finished January 13, 1896.

*Pier, new 22, N. R.*

Secretary's Order No. 15527.—Repairs were made to pier where necessary by the Baltimore and Ohio Railroad Company. Begun October 31 and finished November 30, 1895.

*Barclay Street, N. R.*

Secretary's Order No. 12093.—A platform is being built at the foot of the street by the Hoboken Land and Improvement Company. Begun February 16, 1894; in progress.

Secretary's Order No. 15401.—A temporary building was erected by the Hoboken Ferry Company north of ferry. Begun September 23 and finished October 30, 1895.

Secretary's Order No. 16139.—Switches and tracks are being placed at the foot of street by the Metropolitan Street Railway Company. Begun February 17, 1896; in progress.

*Pier, new 25, N. R.*

Secretary's Order No. 15473.—Scale was placed on the pier by the Southern Pacific Company. Begun and finished October 12, 1895.

*Pier, new 26, N. R.*

Secretary's Order No. 14904.—Posts were erected and temporary awning was placed over platform on bulkhead south of pier by the Old Dominion Steamship Company. Begun May 15 and finished June 25, 1895.

Secretary's Order No. 15691.—Repairs were made to pier where necessary by the Old Dominion Steamship Company. Begun November 29 and finished December 30, 1895.

*Pier, new 27, N. R.*

Secretary's Order No. 15434.—Sheathing on pier was repaired where necessary by the Pennsylvania Railroad Company. Begun September 28 and finished September 30, 1895.

Secretary's Order No. 15497.—Repairs were made to pier when required by the Pennsylvania Railroad Company. Begun October 14 and finished November 6, 1895.

Secretary's Order No. 15697.—Hydrant on bulkhead in front of pier was repaired by the Department of Public Works. Begun and finished December 3, 1895.

*Pier, new 29, N. R.*

Secretary's Order No. 14415.—A suspended corrugated iron office was built at the inshore end of pier by the Pennsylvania Railroad Company. Begun May 16 and finished June 5, 1895.

Secretary's Order No. 15499.—Repairs were made to the sheathing and fender and cluster piles of pier by the Pennsylvania Railroad Company. Begun October 14 and finished November 6, 1895.

Secretary's Order No. 15626.—Repairs were made to the platform north of pier by the Pennsylvania Railroad Company. Begun November 20 and finished December 6, 1895.

Secretary's Order No. 15695.—Obstructions were removed from the new-made land in front of pier by the Pennsylvania Railroad Company. Begun and finished December 2, 1895.

*Between Vestry and Watts Streets, N. R.*

Secretary's Order No. 14305.—The work consists of driving vertical and bracing piles, placing binding frames, putting in cobble and rip-rap, framing and placing longitudinal and cross caps, setting granite and backing same with concrete backing, setting coping stones, placing earth-filling, and putting backing-logs in position by the Pennsylvania Railroad Company. Begun February 25, 1895; in progress.

*Dessrosses Street, N. R.*

Secretary's Order No. 14414.—Corrugated iron baggage-room and ticket office was erected in the driveway of ferry house by the Pennsylvania Railroad Company. Begun May 21 and finished May 29, 1895.

Secretary's Order No. 15292.—The planking on the bulkhead north of ferry was repaired by the Pennsylvania Railroad Company. Begun August 12 and finished August 17, 1895.

Secretary's Order No. 15625.—The planking in front of ferry was repaired by the Pennsylvania Railroad Company. Begun November 18 and finished November 20, 1895.

Secretary's Order No. 16116.—The pavement in front of south entrance to ferry is being repaired by the Department of Public Works and the Pennsylvania Railroad Company. Begun April 15, 1896; temporarily suspended.

Secretary's Order No. 16174.—Repairs are being made to the ferry premises by the Pennsylvania Railroad Company. Begun April 22, 1896; in progress.

*Pier, old 40, N. R.*

Secretary's Order No. 15263.—The oak fender-piles on pier were repaired by the Norwich and New York Transportation Company. Begun August 2 and finished August 3, 1895.

Secretary's Order No. 15623.—Repairs were made to the platform south of pier by the Norwich and New York Transportation Company. Begun November 25 and finished December 7, 1895.

Secretary's Order No. 15673.—Lessees directed to repair and make safe by order of the Board. Work begun by employees, February 3, 1896; in progress.

*Platform between Piers, old 40 and 41, N. R.*

Secretary's Order No. 15305.—A portion of the platform was cut away and shortened at a point about the slip by employees of William H. Jenks & Co., contractors, under permit granted the People's Line. Begun August

Secretary's Order No. 15780.—Hydrant in front of pier was repaired by the Department of Public Works. Begun and finished December 18, 1895.

Secretary's Order No. 16137.—Water supply pipe is being laid to pier by the Catskill and New York Steamboat Company. Begun April 17, 1896; in progress.

Pier, new 45, N. R.  
Secretary's Order No. 14953.—Side cap, ranger and backing-log were placed and large mooring-post was placed and fastened at northwest corner of pier by the White Star Line. Begun May 16 and finished May 21, 1895.

Christopher Street, N. R.

Secretary's Order No. 15072.—The inner end of southerly ferry rack was repaired by the Hoboken Ferry Company. Begun August 12 and finished August 22, 1895.

Secretary's Order No. 15523.—Repairs were made to the ferry-house by the Hoboken Ferry Company. Begun October 18 and finished November 19, 1895.

Secretary's Order No. 15530.—Additional supports were placed at south ferry rack by the Hoboken Ferry Company. Begun December 9, 1895, and finished February 8, 1896.

Secretary's Order No. 15711.—Repairs were made to the ferry premises by the Hoboken Land and Improvement Company. Begun December 9, 1895, and finished February 6, 1896.

Secretary's Order No. 15911.—The south ferry rack is being strengthened by the Hoboken Ferry Company. Begun April 22, 1896; in progress.

Secretary's Order No. 16072.—Tracks and switches are being placed on new-made land by the Metropolitan Street Railway Company. Begun April 2, 1896; temporarily suspended.

Between Christopher and West Fourteenth Streets, N. R.

Secretary's Order No. 14596.—Guy stabs were erected at the inner end of above piers and bulkheads by the Metropolitan Telephone and Telegraph Company. Begun January 18 and finished May 2, 1895.

Pier, old 54, N. R.

Secretary's Order No. 16082.—Canalboat "Wesley Pettitt" which was sunk at north side of pier was raised and removed by the Baxter Wrecking Company. Begun April 2 and finished April 6, 1896.

Charles Street, N. R.

Secretary's Order No. 15108.—Water-pipe was laid to oyster boat No. 17, by J. P. Kempton. Begun June 29 and finished July 1, 1895.

Secretary's Order No. 15521.—Water-pipe leading to oyster boat No. 17 was repaired by J. P. Kempton. Begun and finished October 19, 1895.

West Eleventh Street, N. R.

Secretary's Order No. 14912.—Space under ice-bridge on the bulkhead was cleaned by R. J. Foster. Begun May 13 and finished May 17, 1896.

Secretary's Order No. 15967.—5 oak fender-piles were driven and sheathing replaced where damaged by the steamship "Trinidad" by P. S. Ross, for the Trinidad Steamship Company. Begun March 13 and finished March 18, 1896.

Bethune Street, N. R.

Secretary's Order No. 15147.—Dumping-board was erected on the pier by Silas H. Moore. Begun July 6 and finished August 1, 1895.

Secretary's Order No. 15280.—Small tally-house was placed on bulkhead north of approach to above pier by Silas H. Moore. Begun August 8 and finished August 11, 1895.

West Twelfth Street, N. R.

Secretary's Order No. 14934.—Deck of dumping-board and ramp on north side of pier was replaced with 4-inch spruce plank and the rangers were repaired. Begun May 25 and finished June 8, 1895.

Secretary's Order No. 15112.—Accumulation of earth on bulkhead was removed by John S. McLean. Begun July 11 and finished August 20, 1895.

Jane Street, N. R.

Secretary's Order No. 14504.—Spruce sheathing and backing-log were repaired and three mooring-posts with cast-iron cleats were replaced by Joseph Cornell. Begun March 8 and finished May 27, 1895.

Secretary's Order No. 14685.—Coal bin was built about 10 feet above deck of pier on southerly side by Joseph Cornell. Begun April 15 and finished May 7, 1895.

Secretary's Order No. 15133.—Accumulation of dirt on deck of pier was removed by Joseph Cornell. Begun June 29 and finished July 6, 1895.

Between Jane and Horatio Streets, N. R.

Secretary's Order No. 14504.—Backing-log on bulkhead was repaired, 16 one-half round oak fenders and 30 oak fenders-piles were placed and fastened by the Consumers Ice Company. Begun April 27 and finished May 13, 1895.

Secretary's Order No. 14911.—Space under ice-bridge on bulkhead was cleaned by the Consumers Ice Company. Begun May 13 and finished May 18, 1895.

Pier, Horatio Street, N. R.

Secretary's Order No. 15155.—Repairs were made to the pier by the Consumers Ice Company. Begun July 17 and finished November 22, 1895.

Secretary's Order No. 15572.—Repairs were made to the pavement in front of pier by the Consumers Ice Company. Begun September 19 and finished February 14, 1896.

Secretary's Order No. 15916.—Consumers Ice Company, lessees, notified to repair same by order of the Board. Lessees did some work thereat, but same is not satisfactory.

Pier, old 56, N. R.

Secretary's Order No. 15501.—Repairs were made to the pier by the Lehigh Valley Railroad Company. Begun October 22 and finished November 7, 1895.

Secretary's Order No. 15624.—Repairs were made to the bulkhead platform, south of pier, by the Lehigh Valley Railroad Company. Begun November 8 and finished November 9, 1895.

Secretary's Order No. 15963.—Fender piles in front of bulkhead platform south of pier were repaired by the Lehigh Valley Railroad Company. Begun April 6 and finished April 10, 1896.

Secretary's Order No. 15972.—2 fender piles on the south side of pier and the pavement in front of pier were repaired by the Lehigh Valley Railroad Company. Begun April 6 and finished April 11, 1896.

Bulkhead between Piers, old 57 and 58, N. R.

Secretary's Order No. 15665.—The surface of same was repaired where necessary with new 3-inch spruce by employees of lessees, by order of the Board. Begun December 12 and finished December 14, 1895.

Pier at Little West Twelfth Street, N. R.

Secretary's Order No. 14503.—Coal-dust, dirt, etc., were removed from deck of pier by John L. Eccles. Begun April 19 and finished May 1, 1895.

Secretary's Order No. 14963.—Hydrant on bulkhead south of pier was repaired by the Department of Public Works. Begun and finished May 22, 1895.

Secretary's Order No. 15567.—Pavement in front of pier was taken up and relaid to grade and the pier cleaned by John L. Eccles. Begun November 13 and finished November 16, 1895.

Secretary's Order No. 15677.—The half-round fenders on sides of pier were renewed; the sheathing on deck patched and the premises cleaned by employees of John L. Eccles, lessee, by order of the Board. Begun December 12 and finished December 21, 1895.

West Thirteenth Street, N. R.

Secretary's Order No. 14965.—Vertical sheathing and ribbon pieces and ferry-rack were repaired and 6 white oak piles were driven and fastened and cluster piles at outer end were refastened by the Pennsylvania Railroad Company. Begun May 25 and finished May 30, 1895.

Secretary's Order No. 15678.—Platforms were removed by the Pennsylvania Railroad Company. Begun November 29 and finished December 2, 1895.

Secretary's Order No. 15764.—The fender piles, etc., on outer end of pier were repaired by employees of the Pennsylvania Railroad Company, under permit, one of their boats having damaged same. Begun December 10 and finished December 14, 1895.

Bulkhead between Thirteenth and Fourteenth Streets, N. R.

Secretary's Order No. 15667.—The half round fenders on face of same were renewed by employees of John Monks & Son, contractors, for owners, by orders of the Board. Begun December 12 and finished December 21, 1895.

West Fourteenth Street, N. R.

Secretary's Order No. 15452.—The north ferry-rack was repaired by the Hoboken Ferry Company. Begun October 14 and finished October 17, 1895.

Between West Fourteenth and Fifteenth Streets, N. R.

Secretary's Order No. 15857.—Ice-bridge was erected outside of existing bulkhead by John W. Flaherty for the Glasco Ice Company. Begun April 2 and finished April 16, 1896.

Secretary's Order No. 16052.—Ice-bridge, scales and weigh-office were erected on the bulkhead by the Glasco Ice Company. Begun April 2 and finished April 16, 1896.

West Fifteenth Street, N. R.

Secretary's Order No. 15726.—Repairs were made to the pier by the Central Railroad Company of New Jersey. Begun December 11, 1895, and finished January 30, 1896.

Secretary's Order No. 15825.—Repairs were made to driveway in front of pier by the Central Railroad Company of New Jersey. Begun January 12 and finished January 30, 1896.

Between West Fifteenth and Sixteenth Streets, N. R.

Secretary's Order No. 14991.—Bulkhead is being repaired from time to time by the Central Railroad Company of New Jersey. Begun July 15, 1895; temporarily suspended.

Between West Sixteenth and Seventeenth Streets, N. R.

Secretary's Order No. 15983.—The work consists of removing old dump and placing new one by the Consolidated Gas Company. Begun April 23, 1896; in progress.

Secretary's Order No. 16148.—The work consists of rebuilding the bulkhead by the Consolidated Gas Company. Begun April 22, 1896; in progress.

West Seventeenth Street, N. R.

Secretary's Order No. 14941.—Vertical sheathing was repaired, oak fender piles driven and fastened, and 5 feet of backing log renewed on south side of pier by the Baltimore and Ohio Railroad Company. Begun May 22 and finished May 24, 1895.

Secretary's Order No. 15533.—Pavement in front of pier was repaired by the Baltimore and Ohio Railroad Company. Superseded by Secretary's Order No. 15809.

Secretary's Order No. 15535.—Bulkhead north of pier was cleaned by the Consolidated Gas Company. Begun and finished December 16, 1895.

Secretary's Order No. 15561.—Deck sheathing of pier was repaired by the Baltimore and Ohio Railroad Company. Begun November 7 and finished December 24, 1895.

Secretary's Order No. 15896.—3 fender piles at outer end of pier were renewed, and sheathing on deck repaired where necessary by Colin McLean, contractor, for the Baltimore and Ohio Railroad Company, lessees, by order of the Board. Begun February 13 and finished February 15, 1896.

Pier at Eighteenth Street, N. R.

Secretary's Order No. 15237.—A tally-house, 8 x 12, was erected on pier by employees of Robert S. Briggs under permit. Begun and finished August 5, 1895.

Secretary's Order No. 15334.—New wooden mooring post was placed on bulkhead north of pier by Robert S. Briggs. Begun August 26 and finished September 4, 1895.

Between West Eighteenth and West Nineteenth Streets, N. R.

Secretary's Order No. 15427.—Pavement on bulkhead was repaired by D. C. Newell and Sons. Begun and finished November 13, 1895.

Secretary's Order No. 15854.—Pavement on bulkhead was repaired by D. C. Newell and Sons. Begun January 20 and finished February 5, 1896.

Pier foot of Twentieth Street, N. R.

Secretary's Order No. 14944.—A bath was berthed on the inner end of pier by employees of M. C. Dexter, under permit. Begun June 4 and finished June 6, 1895.

West Twentieth Street, N. R.

Secretary's Order No. 15069.—Three-inch pipe was run through bulkhead by the Consolidated Gas Company. Begun June 19 and finished June 26, 1895.

West Twenty-second Street, N. R.

Secretary's Order No. 14985.—Fender piles on northerly side of pier were refastened by C. T. Van Santvoord. Begun June 1 and finished June 3, 1895.

Secretary's Order No. 15337.—Repairs were made to pier by C. T. Van Santvoord. Begun August 28 and finished August 30, 1895.

Secretary's Order No. 15611.—Repairs were made to pier and inner end was raised to grade by C. T. Van Santvoord. Begun November 15, 1895, and finished March 2, 1896.

West Twenty-third Street, N. R.

Secretary's Order No. 15368.—Repairs were made to the ferry rack by the Erie Railroad Company. Begun September 5 and finished December 31, 1895.

Secretary's Order No. 15052.—Repairs were made to the pavement north of the ferry-house by the Department of Public Works. Begun and finished March 10, 1896.

Pier, new 53, N. R.

Secretary's Order No. 15035.—Paving blocks were removed from pier on account of the excessive weight, by John D. Crimmins. Begun June 13 and finished June 19, 1895.

Secretary's Order No. 15073.—Paving blocks were removed from pier on account of excessive weight, by John D. Crimmins. Begun June 19 and finished August 19, 1895.

Secretary's Order No. 15169.—The deck of pier was cleaned by John D. Crimmins. Begun July 15 and finished August 29, 1895.

Between Piers, new 53 and 54, N. R.

Secretary's Order No. 13008.—Filling is being placed in rear of bulkhead wall by T. E. Crimmins. Begun June 25, 1894; in progress.

Secretary's Order No. 14483.—Test piles were driven in slip by P. S. Ross, for the Pennsylvania Railroad Company. Begun and finished November 1, 1895.

Between Piers, new 54 and 55, N. R.

Secretary's Order No. 14742.—Ice-bridge, platform and scales were erected on the bulkhead by Tilley and Littlefield. Begun April 22 and finished June 21, 1895.

Pier, new 55, N. R.

Secretary's Order No. 15206.—Substructure of pier was repaired by the Atlas Steamship Company. Begun August 15 and finished August 20, 1895.

Secretary's Order No. 15638.—Repairs were made to pier by the Atlas Steamship Company. Begun November 18, 1895, and finished February 19, 1896.

Secretary's Order No. 15961.—The work consists of making repairs to the pier when necessary by the Atlas Steamship Company. Begun March 23, 1896; in progress.

Pier, new 56, N. R.

Secretary's Order No. 15628.—Repairs were made to the pier when necessary by Simpson, Spence and Young. Begun November 29, 1895, and finished January 17, 1896.

Pier, new 57, N. R.

Secretary's Order No. 14469.—Two bearing piles, one on each side of pier, were renewed, fenders and chocks between same repaired and one iron mooring

Secretary's Order No. 15713.—The fenders, chocks between same and horizontal sheathing on sides of pier were renewed and repaired where necessary by employees of the Pennsylvania Railroad Company, lessees, under permit. Begun December 4 and finished December 9, 1895.

*Pier at West Thirty-eighth Street, N. R.*

Secretary's Order No. 15328.—Repairs were made to the pier by the Pennsylvania Railroad Company. Begun August 29 and finished September 3, 1895.

*Between West Thirty-eighth and Thirty-ninth Streets, N. R.*

Secretary's Order No. 15605.—Repairs were made to the bulkhead by G. F. & E. C. Swift. Begun November 14, 1895; temporarily suspended.

*Pier at West Forty-fifth Street, N. R.*

Secretary's Order No. 14892.—Earth was cleaned from pier and deck sheathing was repaired by the Western Stock Yard and Market Company. Begun May 8 and finished May 18, 1895.

Secretary's Order No. 15186.—The backing log and vertical fenders at outer end were repaired and fender piles refastened where necessary by employees of lessees, by order of the Board. Begun August 1 and finished August 7, 1895.

Secretary's Order No. 15045.—The sheathing on deck of pier was patched where necessary, and the premises cleaned by employees of lessee, by order of the Board. Begun December 7, 1895, and finished January 8, 1896.

Secretary's Order No. 15888.—Three spring and one fender pile were renewed at outer end of pier by B. S. Cronin & Co., contractors, for lessees, by order of the Board. Begun February 14 and finished February 17, 1896.

*Bulkhead between Forty-first and Forty-second Streets, N. R.*

Secretary's Order No. 15262.—The uprights and braces were removed where necessary, and deck and fenders of dock repaired therewith by employees of the Consolidated Gas Light Company, under permit. Begun August 2, 1895, and finished September 23, 1895.

*West Forty-fourth Street, N. R.*

Secretary's Order No. 13481.—Filling is to be placed in rear of bulkhead-wall by Thomas Smith, under permit from the Board. Begun January 6, 1894; temporarily suspended.

*Pier at West Forty-fifth Street, N. R.*

Secretary's Order No. 14894.—Repairs were made to pier by the New York Horse Manure Company. Begun May 15 and finished December 9, 1895.

Secretary's Order No. 15543.—The deck of pier was cleaned by the New York Horse Manure Company. Begun and finished November 1, 1895.

*Pier at West Forty-sixth Street, N. R.*

Secretary's Order No. 15280.—Dumping board was erected on the southerly inner end of approach by John A. Bouker. Begun September 23 and finished December 7, 1895.

*Pier at West Forty-seventh Street, N. R.*

Secretary's Order No. 15041.—Floating dump No. 3 was removed to south side of pier near inner end, and temporary approach was built to same by John A. Bouker. Begun June 15 and finished June 20, 1895.

Secretary's Order No. 15206.—Temporary ice-bridge was placed on south side of pier by the National Ice Company. Begun June 25 and finished July 20, 1895.

Secretary's Order No. 15315.—The north half of pier was repaired by Bernard Campbell. Begun August 27 and finished December 1, 1895.

*Pier at Forty-eighth Street, N. R.*

Secretary's Order No. 15727.—James Parks, lessee, notified to repair same by Order of the Board. Begun December 5, 1895, by employees of said lessee. In progress.

*Pier at Forty-ninth Street, N. R.*

Secretary's Order No. 14570.—The sheathing on deck of pier and approach to same was repaired where necessary by employees of lessee, by order of the Board. Begun January 14, 1895, and finished October 14, 1895.

Secretary's Order No. 14893.—The deck sheathing of pier was repaired by the Erie Railroad Company. Begun May 13 and finished May 27, 1895.

Secretary's Order No. 15451.—Repairs were made to the pier by the Erie Railroad Company. Begun June 10 and finished December 11, 1895.

*Between West Fifty-first and Fifty-first Streets, N. R.*

Secretary's Order No. 14741.—Ice-bridge and scales were erected on the bulkhead by the Central Ice Company. Begun April 12 and finished May 27, 1895.

*Pier at Fifty-first Street, N. R.*

Secretary's Order No. 14557.—Some repairs made and cleaning done to this pier by employees of late lessees. Begun January 9, 1895, and finished May 1, 1895.

Secretary's Orders Nos. 15659, 15881, 15882, 15887, 15995.—Five wire cables for the Metropolitan Street Railway Company were landed by the Chapman Derrick and Wrecking Company. November 20 to November 22, 1895, January 22, 23 and 28, and March 21, 1896.

*Twelfth Avenue, between Fifty-first and Fifty-second Streets, N. R.*

Secretary's Order No. 13474.—Removal of obstructions therefrom, by order of the Board. All material was removed therefrom except stone-yard. Begun May 9, 1893.

*Pier at Fifty-second Street, N. R.*

Secretary's Order No. 15776.—A coal bin, 13 feet by 66 feet, was constructed by employees of Nathan Straus on northerly side inner end of pier, under permit granted at the request of the Department of Public Charities. Begun December 13 and finished December 14, 1895.

*Between West Fifty-fourth and Fifty-fifth Streets, N. R.*

Secretary's Order No. 15114.—Pavement on bulkhead between piers was cleaned by Messrs. Mott. Begun and finished June 28, 1895.

Secretary's Order No. 15444.—Coal structure was erected on the bulkhead by Stokes & Thedford. Begun October 10, 1895, and finished January 23, 1896.

*Pier at West Fifty-fifth Street, N. R.*

Secretary's Order No. 15051.—Dumping board was built on the south side inner end of pier by Brown & Fleming. Begun September 25 and finished October 12, 1895.

*Pier Foot of Fifty-sixth Street, N. R.*

Secretary's Order No. 15154.—Employees of M. C. Dexter placed a bath in position at south side inner end of pier, under permit. Begun June 29 and finished July 1, 1895.

*Pier at Fifty-eighth Street, N. R.*

Secretary's Order No. 15208.—The side caps, side rangers, backing log, 8 feet by 12 feet oak fenders, fender piles and deck on pier were repaired where necessary by employees of B. S. Cronin, contractors, for lessees, by order of the Board. Begun September 3 and finished September 23, 1895.

*Pier at Fifty-ninth Street, N. R.*

Secretary's Order No. 15207.—The sheathing on deck and horizontal sheathing on sides of pier was repaired where necessary by employees of lessees, by permit of the Board. Begun September 3 and finished November 5, 1895.

*West Fifty-ninth and Sixtieth Streets, N. R.*

Secretary's Order No. 15577.—A line of car-tracks was extended at above premises by New York Central and Hudson River Railroad Company, in accordance with plan submitted, under permit of the Board. Begun December 24, 1895, and finished January 3, 1896.

*Bulkhead between Seventy-sixth and Seventy-seventh Streets, N. R.*

Secretary's Order No. 15515.—A derrick was erected on bulkhead by employees of T. H. Riddle, under permit. Begun and finished October 19, 1895.

*South Side of Seventy-ninth Street, N. R.*

Secretary's Order No. 15326.—The culvert under railroad track was cleaned by employees of the New York Central and Hudson River Railroad Company, by order of the Board. Begun September 3 and finished September 9, 1895.

*Pier at Seventy-ninth Street, N. R.*

Secretary's Order No. 14935.—The dumping board on the south side thereof was strengthened, lengthened and extended, and some cleaning was done by employees of John A. Bouker, under permit. Begun June 5 and finished July 11, 1895.

Secretary's Order No. 14998.—A telephone house was placed on approach to dump thereat by employees of John A. Bouker, under permit. Begun June 5 and finished June 24, 1895.

Secretary's Order No. 15966.—Canal boat "Myron Ingolsby" was raised with her cargo of coal and towed to Weehawken by the Baxter Wrecking Co. for owners and consignee, by order of the Board. Begun April 9 and finished April 18, 1896.

*Bulkhead foot of Eightieth Street, N. R.*

Secretary's Order No. 15557.—A hoisting-machine located on same was removed about 30 feet south of its former location by employees of lessees, under permit of the Board. Begun and finished November 1, 1895.

*Bulkhead between Ninety-fifth and Ninety-sixth Streets, N. R.*

Secretary's Order No. 15327.—A mast for steam shovel was erected on same in accordance with plans submitted by employees of Moquin & Offerman, under permit. Begun August 30 and finished September 25, 1895.

*Bulkhead Platform south of Ninety-sixth Street, N. R.*

Secretary's Order No. 15688.—The bearing piles were driven and fastened on front of platform by employees of T. & A. Walsh & Co., contractors, for John P. Kane, occupant, by order of the Board. Begun and finished November 30, 1895.

*Bulkhead foot of Ninety-ninth Street, N. R.*

Secretary's Order No. 15701.—A 6-inch pipe was landed about 50 feet south of the north end of present bulkhead by employees of the National Transit Company, under permit. Begun April 9 and finished April 18, 1896.

*One Hundred and Fifteenth and One Hundred and Sixteenth Streets, N. R.*

Secretary's Order No. 15239.—A boat-house is being erected at above premises by the Trustees of Columbia College Union, under permit of the Board. Begun August 6, 1895, and is being completed under the supervision of the Department of Public Parks, they having jurisdiction of that portion of the water front.

*One Hundred and Twenty-seventh Street, N. R.*

Secretary's Order No. 15547.—A boat-house is being erected at above premises by Hudson Boat Club, in accordance with plans submitted, under permit of the Board. Begun December 30, 1895, and is being completed under supervision of the Department of Public Parks, it having jurisdiction of that portion of the water front.

*Pier foot of One Hundred and Twenty-ninth Street, N. R.*

Secretary's Order No. 14772.—Repairs were made to the square fenders, chocks between same, side-cap backing-log and sheathing on deck of north side of pier where necessary, by employees of McDermott & Co., lessees. Begun April 11 and finished May 18, 1895.

Secretary's Order No. 14922.—A temporary steam-hoist was placed on the northerly side of pier by employees of McDermott & Co., lessees, under permit. Begun and finished May 21, 1895.

Secretary's Order No. 15341.—Lessees were directed to repair and clean same by order of the Board. Begun November 4, 1895, by employees of lessee; in progress.

Secretary's Order No. 15506.—Lessee was directed to repair and clean same, by order of the Board. Begun November 1, 1895, by employees of lessee; in progress.

*Bulkhead between One Hundred and Twenty-ninth and One Hundred and Thirtieth Streets, N. R.*

Secretary's Order No. 16133.—The erection of office and scale under permit granted McDermott & Co., during the pleasure of the Board, was begun April 17, 1896; in progress.

*Ferry Racks at One Hundred and Thirtieth Street, N. R.*

Secretary's Order No. 16042.—Several piles were renewed in same by Walls & Van Riper, contractors, under permit granted the "Riverside and Fort Lee Ferry Company." Begun March 26 and finished April 13, 1896.

*Slip between One Hundred and Thirty-first and One Hundred and Thirty-second Streets, N. R.*

Secretary's Order No. 16094.—The Baxter Wrecking Company raised a canal boat which had sunk therewith, and had same towed to Weehawken, by order of the Board. Begun April 8 and finished April 9, 1896.

*Bulkhead at One Hundred and Thirty-second Street, N. R.*

Secretary's Order No. 16167.—The filling in of scale-pit located therewith, under permit granted the Consolidated Gas Company, was begun by company's employees April 22, 1896; in progress.

*Pier at One Hundred and Thirty-second Street, N. R.*

Secretary's Order No. 16017.—Space under ice-bridges located therewith was cleaned by employees of the National Ice Company, occupants, by order of the Board. Begun March 20 and finished April 7, 1896.

*Pier foot of One Hundred and Thirty-third Street, N. R.*

Secretary's Order No. 14519.—Repairs and cleaning were made to same by employees of the Ramsdell Transportation Company, lessees, by order of the Board. Begun April 12, 1895, and finished May 30, 1895.

Secretary's Order No. 14995.—Repairs and cleaning were made to same by employees of the Ramsdell Transportation Company, lessees, by order of the Board. Begun June 14, 1895, and finished July 29, 1895.

Secretary's Order No. 15893.—Fender piles at outer end of pier were refastened, chocks on sides, and sheathing on deck renewed where necessary by employees of R. P. & J. H. Staats, contractors, for lessees, by order of the Board. Begun January 27 and finished April 15, 1896.

*Pier at One Hundred and Thirty-fourth Street, N. R.*

Secretary's Order No. 15083.—Lessees were directed to repair and clean same, by order of the Board. Begun November 4, 1895, by employees of lessees; in progress.

Secretary's Order No. 15228.—Lessees directed to repair and clean same, by order of the Board. Begun November 4, 1895, by employees of lessees; in progress.

Secretary's Order No. 15507.—Lessee was directed to make repairs to and clean same, by order of the Board. Begun November 4, 1895, by employees; in progress.

*West One Hundred and Forty-second and One Hundred and Forty-fourth Streets, N. R.*

Secretary's Order No. 15747.—The bulkhead at above premises was repaired, and an addition was built thereto, in accordance with plans submitted by New York Central and Hudson River Railroad Company, under permit of the Board. Begun January 28, 1896, and finished April 18, 1896.

*West One Hundred and Forty-fourth Street, N. R.*

Secretary's Order No. 15858.—Railroad tracks were laid across above premises, in accordance with plans submitted by New York Central and Hudson River Railroad Company, under permit of the Board. Begun January 25 and finished January 30, 1896.

*West One Hundred and Sixty-third Street, N. R.*

Secretary's Order No. 14937.—A bath-house and float was placed on the south side of above premises by Edward Keenan, under permit of the Board. Begun May 13 and finished June 15, 1895.

*West One Hundred and Sixty-ninth Street, N. R.*

*Pier, old 6, E. R.*

Secretary's Order No. 15162.—The sheathing on deck of pier was repaired by employees of lessees, by order of the Board. Begun July 26 and finished December 7, 1895.

Secretary's Order No. 15812.—The backing log was renewed and fastened at outer end of pier, and the sheathing on deck patched where necessary, by G.W. Rogers & Co., contractors, for the New York Central and Hudson River Railroad Company, lessees, by order of the Board. Begun January 13 and finished January 17, 1896.

Secretary's Order No. 16033.—The erection of a derrick, tally-house, 4 feet by 6 feet, and tool box, 30 inches by 48 inches, under permit granted the Cleveland Steel Canal Boat Company, during pleasure of the Board, was begun March 30, 1896; work at present suspended, but will soon be resumed.

*Pier, new 6, E. R.*

Secretary's Order No. 15260.—A derrick was erected on westerly side of same by employees of the Syracuse and New York Canal Line, under permit. Begun August 2 and finished August 7, 1895.

Secretary's Order No. 16025.—A decayed hoisting mast was removed from westerly side of and replaced by a new one by employees of the Union Steamboat Company, under permit. Begun March 28, 1896, and finished April 3, 1896.

*Pier, new 8, E. R.*

Secretary's Order No. 15368.—The fender and spring files and horizontal sheathing were renewed where necessary, also some small repairs were made to shed on pier by employees of the New York, Lake Erie and Western Railroad Company, under permit of the Board. Begun September 18, 1895, and finished December 30, 1895.

*Pier, new 9, E. R.*

Secretary's Order No. 15486.—About 200 interior and side-bearing piles were driven and fastened. The cross-caps, side-caps, side and interior rangers, deck, backing log, mooring posts and fenders on sides of and outer end of pier were renewed by employees of H. Nesmith, Jr., agent, by order of the Board. Begun October 21, 1895, and finished November 9, 1895.

*Bulkhead between Piers 10 and 11, E. R.*

Secretary's Order No. 15275.—The pavement thereat was repaired where necessary by employees of William H. Jenks & Co., contractors, for owners, by order of the Board. Begun August 27 and finished August 30, 1896.

*Pier 11, E. R.*

Secretary's Order No. 15081.—Owners were directed to make repairs to same, by order of the Board. Begun April 13, 1896, by employees of William H. Jenks & Co., contractors for said owners; in progress.

*Pier 12, E. R.*

Secretary's Order No. 15244.—The fenders, backing-log and sheathing on deck of pier were renewed by William H. Jenks & Co., contractors, for lessees, by order of the Board. Begun July 26, 1895, finished August 7, 1895.

Secretary's Order No. 15788.—A tally-house 6 feet by 4 feet was erected on the outer easterly end of pier by employees of the Merchants' Express and Transportation Company, under permit of the Board. Begun December 18 and finished December 19, 1895.

Secretary's Order No. 15808.—A movable tally-house 4 feet by 6 feet was erected by Ebel & Co., under permit. Begun and finished January 13, 1896.

*Pier 13, E. R.*

Secretary's Order No. 15242.—The sheathing on deck of pier was renewed where necessary, fender piles fastened and the backing-log repaired by William H. Jenks & Co., contractors, for owners, by order of the Board. Begun July 26 and finished November 2, 1895.

Secretary's Order No. 15799.—Eight fender piles were driven and fastened, a new cross cap put on, the horizontal sheathing renewed, and also a few fenders and fender piles renewed and fastened on outer end of pier, by G.W. Rogers & Co., contractors, under permit granted H. DuMois & Co. All work was kept within existing lines. Begun December 23 and finished December 30, 1895.

*Bulkhead between Piers 13 and 14, E. R.*

Secretary's Order No. 14167.—The backing-log was raised by employees of William H. Jenks & Co., contractors, for owners, by order of the Board. Begun September 7, 1895, and finished February 1, 1896.

*Pier 14, E. R.*

Secretary's Order No. 15539.—A tally-house was removed from Pier 9 to Pier 14, East River, with the consent of the owners of Pier 14, by employees of Mailler & Quereau, under permit. Begun and finished October 24, 1895.

*Bulkhead between Piers 14 and 15, E. R.*

Secretary's Order No. 13730.—Fender piles were fastened and backing-log repaired where necessary by William H. Jenks & Co., contractors, for owners, and occupants. Begun August 9, 1894, and finished February 19, 1896.

Secretary's Order No. 14165.—The backing-log was raised to the desired grade of 12 inches above the surface of the pavement thereat by William H. Jenks & Co., contractors, for owners, by order of the Board. Begun September 10, 1894 and finished February 19, 1896.

*Wall Street Ferry, E. R.*

Secretary's Order No. 15934.—Permit granted the Union Ferry Company to make repairs for three months. Begun February 15, 1896; in progress.

Secretary's Order No. 16007.—Lessee notified to repair pavement in front of same, by order of the Board. Begun April 20, 1896, by employees of lessee; in progress.

*Bulkhead between Piers 16 and 17, E. R.*

Secretary's Order No. 14547.—The bulkhead thereat was taken down and rebuilt by employees of Fearon & Jenks, contractors, under permit granted Robert M. Ferris. Begun December 24, 1894, and finished May 2, 1895.

*Pier 17, E. R.*

Secretary's Order No. 15600.—15 side-bearing piles were driven and fastened, 7 new cross-caps put on, several fenders renewed on sides of pier, and the crib-blocks blocked up where necessary by employees of lessees, by orders of the Board. Begun December 2 and finished December 14, 1895.

*Pier 18, E. R.*

Secretary's Order No. 15779.—About 50 bearing-piles were driven and fastened at outer end of pier, 5 new caps put on, backing-log, mooring-posts, fender-piles, fenders and shed on inner portion of pier were also repaired by William H. Jenks & Co., contractors, for owners, by order of the Board. Begun December 13, 1895, and finished February 7, 1896.

*Pier 19, E. R.*

Secretary's Order No. 14984.—Repairs were made to sheathing on deck of the easterly half of same by employees of Wm. H. Jenks & Co., contractors, for owners, by order of the Board. Begun July 13 and finished July 19, 1895.

*Pier 21, E. R.*

Secretary's Order No. 15666.—60 bearing-piles were driven and fastened at outer end of pier, 7 cross-caps put on, and side caps, side and interior rangers, backing-log, deck and mooring-posts were renewed and other necessary repairs made by William H. Jenks & Co., contractors, for lessees and occupants, by order of the Board. Begun January 27 and finished April 18, 1896.

*Fulton Street Ferry, E. R.*

Secretary's Order No. 15934.—Permit granted the Union Ferry Company to make repairs for three months. Begun February 15, 1896; in progress.

Secretary's Order No. 15974.—The Union Ferry Company were ordered to make necessary repairs to same, by order of the Board. Begun March 16, 1896; in progress.

*Platform between Piers 22 and 23, E. R.*

Secretary's Order No. 15202.—A shed on the platform between Piers, old 22 and 23, East river, was erected by the Fulton Market Fishmongers' Association, under permit of the Board. Begun August 31 and finished December 7, 1895.

*Pier, old 23, E. R.*

Secretary's Order No. 15044.—The sheathing on the pier was repaired by the owners, lessees and occupants, as directed by the Board. Begun June 21 and finished September 23, 1895.

Secretary's Order No. 15259.—A shed about 10 feet by 35 feet was erected on the east side of pier by employees of William H. Jenks & Co., contractors, under permit granted L. Boyers' Sons. Begun September 16, 1895, and finished September 30, 1895.

*Bulkhead East of Pier 23, E. R.*

Secretary's Order No. 15107.—A temporary awning was placed in front of scowboat No. 2, Fulton Fish Market, by employees of E. C. Strong, under permit. Begun June 29, 1895, and finished July 3, 1895.

*Pier 27, E. R.*

Secretary's Order No. 15658.—Eight fender piles on easterly and four on westerly sides of pier were driven, fastened and chocked by Colin McLean, contractor, under permit granted the B. & O. R. R. Co. Begun November 25 and finished December 3, 1895.

*Pier, old 29, E. R.*

Secretary's Order No. 15304.—Alterations were made to the westerly line of pier, which consisted of extending a few feet out the backing-log on "L" platform, near outer westerly side, by employees of William P. Clyde & Co., under permit. Begun August 20, 1895, and finished August 30, 1895.

*Roosevelt Street Ferry, E. R.*

Secretary's Order No. 14306.—The sheathing on deck of roadways was patched, and piles in ferry racks renewed where necessary, under permit of the Board. Begun October 15, 1894, and finished May 4, 1895.

Secretary's Order No. 14887.—The approach to ferry premises was repaired by employees of the Brooklyn and New York Ferry Company, under permit. Begun May 3, 1895, and finished August 1, 1895.

Secretary's Order No. 15317.—The sheathing on surface of the roadways was repaired where necessary by employees, under permit of the Board granted Brooklyn and New York Ferry Company. Begun September 16 and finished December 3, 1895.

Secretary's Order No. 15723.—The approaches to the ferry were resheathed where necessary by employees of the Brooklyn and New York Ferry Company, under permit of the Board. Begun December 2, 1895, and finished March 18, 1896.

*Catherine Street Ferry, E. R.*

Secretary's Order No. 15177.—The necessary alterations and painting of interior of Ferry-house was done by employees of the Union Ferry Company, under permit of the Board. Begun July 11 and finished November 4, 1895.

Secretary's Order No. 15614.—Piles were driven in racks where necessary by John Monks & Son, contractors, under permit granted the Union Ferry Company. Begun November 9, 1895, and finished February 14, 1896.

Secretary's Order No. 15934.—Permit granted the Union Ferry Company to make repairs for three months. Begun February 15, 1896; in progress.

*Pier, old 30, E. R.*

Secretary's Order No. 14583.—The pavement east of the pier was repaired by employees of the Central Vermont Railroad Company, occupants, under permit. Begun May 14 and finished May 17, 1895.

Secretary's Order No. 16132.—The driving of spring piles on westerly side of, under permit to the Vermont Railroad Company, by employees of Warren Roosevelt, contractor, for said railroad company. Begun April 16, 1896; in progress.

*Pier 38, and bulkhead between Piers 38 and 39, E. R.*

Secretary's Order No. 14694.—Three fender piles were renewed on the easterly side of the pier by employees of John Monks & Son, contractors, under permit granted the Maine Steamship Company. Begun April 19 and finished May 2, 1895.

Secretary's Order No. 14882.—A shed was erected on the easterly side of the pier by the Maine Steamship Company, under permit of the Board. Begun June 3 and finished October 18, 1895.

Secretary's Order No. 15669.—About 10 bearing and 10 fender piles were driven on the northerly side of Pier 38, and between Piers 38 and 39, East river, by John Monks & Son, contractors, under permit granted the Maine Steamship Company, occupants. Begun November 27 and finished December 12, 1895.

*Pier 39, E. R.*

Secretary's Order No. 14815.—Three gangways were cut in the north side of and 15 oak piles driven by employees of John Monks & Son, contractors, under permit to the Bridgeport Steamboat Company. Begun April 17 and finished May 6, 1895.

Secretary's Order No. 14872.—A shed was erected on the northerly side of the pier by the Bridgeport Steamboat Company, under permit of the Board. Begun June 21 and finished July 20, 1895.

Secretary's Order No. 15205.—A coal-bin 20 feet square was erected on the northerly end of by employees of the Bridgeport Steamboat Company, under permit. Begun July 22 and finished November 4, 1895.

Secretary's Order No. 15544.—Two gangways were cut away and about six fender piles were driven by employees of the Bridgeport Steamboat Company, under permit. Begun November 1 and finished November 2, 1895.

Secretary's Order No. 15890.—The inner half of deck was sheathed with new 3-inch yellow pine by John Monks & Son, contractors, for the Bridgeport Steamboat Company, under permit. Begun and finished February 9, 1896.

Secretary's Order No. 15963.—Six piles were driven at outer end of pier by John Monks & Son, contractors, under permit granted the Bridgeport Steamboat Company. Begun March 4 and finished March 7, 1896.

*Pier 40, E. R.*

Secretary's Order No. 15158.—Holes were filled in with broken stone and earth on bulkhead thereat and pavement relayed where necessary by employees of lessees, by order of the Board. Begun July 15 and finished July 20, 1895.

*Pier 43, E. R.*

Secretary's Order No. 15722.—The bulkhead west of pier was pierced and a 10-inch drain-pipe, running from a receiving-basin at the lower corner of South street and Rutgers Slip, was inserted thereat by employees of the Department of Public Works, under permit of the Board of Docks. Begun January 1 and finished January 4, 1896.

*Pier, old 45, E. R.*

Secretary's Order No. 14766.—4 piles were renewed on the pier and other work done by W. C. Rogers & Co., contractors, under permit of the Board to the New York, New Haven and Hartford Railroad Company. Begun April 8 and finished May 8, 1895.

*Pier 47, E. R.*

Secretary's Order No. 15656.—8 side-bearing piles were driven and fastened, 3 iron mooring-posts put on, one cleat and the backing-log and sheathing repaired where necessary, by William H. Jenks & Co., contractors, under permit of the Board granted C. M. Bell. Begun November 28 and finished December 3, 1895.

*Bulkhead between Piers 48 and 49, E. R.*

Secretary's Order No. 14122.—The backing-log was raised to the required grade of 12 inches above the pavement by John Monks & Son, contractors, for owners, by order of the Board. Begun July 15 and finished July 26, 1896.

*Bulkhead between Piers 48 and 49, E. R.*

Secretary's Order No. 14857.—An ice-bridge, tally-house and scales were erected on same by employees of W. A. Wine, under permit. Begun May 2 and finished May 13, 1895.

Secretary's Order No. 15024.—Ice-bridge on bulkhead was lengthened from 88 to 123 feet, by employees of W. A. Wine, under permit. Begun June 10 and finished June 13, 1895.

*Bulkhead between Clinton and Jefferson and Rutgers and Jefferson Streets, E. R.*

Secretary's Order No. 15449.—The employees of the Department of Public Works pierced and ran sewers through same, under permit of the Board of Docks to said Department. Begun October 21, 1895, finished November 4, 1895.

*Piers, old 51 and 52, E. R.*

Secretary's Order No. 14766.—6 fender-piles were renewed on Pier, old 51, and 3 fender-piles were renewed on Pier, old 52; also sheathing on the sides of the piers was renewed where necessary by W. C. Rogers & Co., contractors, under permit of the Board to New York, New Haven and Hartford

*Bulkhead between Piers 58 and 60, E. R.*

Secretary's Order No. 15388.—About 20 oak fender-piles were driven in front of the bulkhead between Piers 58 and 60, East river, and chocking replaced between them where found necessary, by Burns Brothers, under permit of the Board. Begun September 27 and finished September 30, 1895.

*Pier 60, E. R.*

Secretary's Order No. 15347.—The sheathing on surface of pier was patched with new 3-inch spruce by employees of lessees, by order of the Board. Begun October 1 and finished October 19, 1895.

*Pier 61, E. R.*

Secretary's Order No. 15117.—The sheathing on deck of pier was patched and chocks on sides of same refastened and renewed where necessary by employees of lessees, by order of the Board. Begun July 15 and finished August 26, 1895.

Secretary's Order No. 15152.—A portable coal-hoisting derrick was placed in position on the north side of pier by employees of Etzel & Son, under permit. Begun and finished July 9, 1895.

Secretary's Order No. 15200.—Old material was removed from the pier by the owners, as directed by the Board. Begun July 16 and finished July 20, 1895.

Secretary's Order No. 15663.—The sheathing on deck was patched where necessary by employees of lessees, by order of the Board. Begun December 30, 1895, and finished January 7, 1896.

*Stanton Street, E. R.*

Secretary's Order No. 13660.—A coal derrick was placed at the foot of Stanton street, to replace the old one, by Hencken & Co., under permit of the Board. Begun August 26 and finished October 14, 1895.

Secretary's Order No. 14595.—Under this order a dumping-board was to have been built on the bulkhead by H. A. Peck & Co., under permit of the Board, but as Messrs Peck & Co. decided not to do the work, this order was returned on May 3, 1895.

*Pier at Third Street, E. R.*

Secretary's Order No. 14817.—A bath was placed in position on the north side of pier by employees of A. D. Snow, under permit. Begun and finished June 3, 1895.

Secretary's Order No. 14970.—The necessary buildings, awnings and benches on 136 feet of the inner northerly side of pier, for the distribution of sterilized milk, were placed in position by employees of Nathan Strauss, under permit. Begun May 29 and finished June 6, 1895.

Secretary's Order No. 15775.—A coal-bin, 15 by 80 feet, was constructed by employees of Nathan Strauss on the north side, inner end, under permit granted at the request of the Department of Public Charities. Begun December 13 and finished December 14, 1895.

*Bulkhead foot of Fourth Street, E. R.*

Secretary's Order No. 15245.—The backing-log was raised to the required grade and fenders and fender-piles refastened and renewed by employees of lessees, by order of the Board. Begun August 5 and finished August 24, 1895.

*Bulkhead Platform between Fourth and Fifth streets, E. R.*

Secretary's Order No. 15086.—Three bearing piles were driven and fastened and the backing-log, etc., repaired where necessary by employees of occupants, by order of the Board. Begun July 22 and finished August 31, 1895.

*Pier at Fifth street, E. R.*

Secretary's Order No. 15261.—Several foundation piles were hauled out thereat by employees of Moses Henry, under permit. Begun August 2 and finished August 31, 1895.

*Bulkhead between Fifth and Sixth Streets, E. R.*

Secretary's Order No. 15483.—The two top courses at lower end of bulkhead and near Fifth street, East river, were renewed by employees of occupants, by order of the Board. Begun October 14 and finished October 17, 1895.

*Pier foot of Sixth street, E. R.*

Secretary's Order No. 15484.—Repairs were made to the pier by employees of John Monks and Son, contractors, for Messrs. Constantine & Co., and the pier was cleaned. Begun November 8 and finished November 30, 1895.

Secretary's Order No. 15612.—8 interior and 4 side bearing piles were driven and fastened and parts of backing-log and deck of pier repaired by John Monks & Son, contractors, for Constantine & Co., by order of the Board. Begun November 8 and finished November 30, 1895.

*Pier at Seventh Street, E. R.*

Secretary's Order No. 15485.—The sheathing on surface of pier was patched and backing-log and fenders renewed where necessary by employees of occupants, by order of the Board. Begun October 14 and finished October 21, 1895.

*Pier at Tenth Street, E. R.*

Secretary's Order No. 13771.—Side and interior bearing piles, cross caps, side and interior rangers, deck, mooring posts and backing-log were renewed where necessary by Messrs. T. and A. Walsh, contractors, for lessee, by order of the Board. Begun April 10 and finished May 29, 1895.

*Pier at Twelfth Street, E. R.*

Secretary's Order No. 15612.—12 interior bearing piles were driven and fastened at outer end, and also portions of the pier were redecked by B. S. Cronin & Son, contractors, for owners, under permit to the Mutual Gas-light Company. Begun November 18 and finished December 2, 1895.

Secretary's Order No. 15745.—New York Mutual Gas-light Company, lessees, were notified to repair or rebuild same, or fence off from public use, by order of the Board. Begun December 6, 1895, and is at present suspended and time extended by the Board of Docks until next spring.

*Bulkhead foot of East Fifteenth Street, E. R.*

Secretary's Order No. 15233.—Oak fenders at the bulkhead were repaired by the lessee. Begun July 19 and finished August 5, 1895.

*Foot of East Seventeenth Street, E. R.*

Secretary's Order No. 14600.—The replacing of the dump at the foot of East Seventeenth street. The old dumping-board was removed by John Gilmour for the Department of Docks, under his Contract No. 510. The work of removal was begun September 30 and completely removed October 3, 1895. Nothing has yet been done by the Department of Street Cleaning in the way of rebuilding a dumping-board at this point.

Secretary's Order No. 15398.—The removal of crematory at the foot of East Seventeenth street was to have been done by the owners of same; they having failed to remove it, the work was done by John Gilmour, in accordance with terms of his Contract No. 510, for repairing the crib-bulkhead at the foot of said street. Begun September 14 and finished September 25, 1895.

*Pier at Eighteenth Street, E. R.*

Secretary's Order No. 16134.—A temporary ice platform, 100 feet by 8 feet, was erected on the southerly side of pier by employees of the Carroll Box and Lumber Company, lessees, under permit. Begun April 17 and finished April 20, 1896.

*Foot of East Twentieth Street.*

Secretary's Order No. 15525.—A 40-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished October 19, 1895.

Secretary's Order No. 15550.—A 40-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished October 26, 1895.

Secretary's Order No. 15587.—A 66-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished November 20, 1895.

Secretary's Order No. 15615.—A 40-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished November 9, 1895.

Secretary's Order No. 15679.—A 66½-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun November 23 and finished December 1, 1895.

Secretary's Order No. 15793.—A 44-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun December 19 and finished December 20, 1895.

Secretary's Order No. 15842.—A 44-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun January 7 and finished January 12, 1896.

Secretary's Order No. 15903.—A 67-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished February 1, 1896.

Secretary's Order No. 16084.—A 43-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished April 4, 1896.

Secretary's Order No. 16198.—A 45-ton reel of wire was landed on the bulkhead foot of East Twentieth street by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished April 29, 1896.

*Twenty-third Street Ferry, E. R.*

Secretary's Order No. 14306.—The sheathing on deck of roadways was patched and piles in ferry racks renewed where necessary, under permit of the Board. Begun October 15, 1894, and finished May 4, 1895.

Secretary's Order No. 15149.—Repairs were made to the Pier foot of East Twenty-third street by the Brooklyn and New York Ferry Company, in accordance with plans submitted, and under permit of the Board. Begun July 22, 1895, and finished February 1, 1896.

Secretary's Order No. 15317.—The sheathing on surface of the roadways was repaired where necessary by employees, under permit of the Board granted the Brooklyn and New York Ferry Company. Begun September 16 and finished December 3, 1895.

Secretary's Order No. 15531.—A small building to be used as a boiler-room on the Pier foot of East Twenty-third street was erected by the Brooklyn and New York Ferry Company, under permit of the Board. Begun October 2, 1895, and finished February 1, 1896.

Secretary's Order No. 15599.—A fence 7 or 8 feet north of the southerly side of the Pier foot of East Twenty-third street was erected by the Brooklyn and New York Ferry Company, under permit of the Board. Begun November 4 and finished December 16, 1895.

Secretary's Order No. 15712.—A row of spring piles was driven across the outer end of the Pier foot of East Twenty-third street by the Brooklyn and New York Ferry Company, under permit of the Board. Begun December 19 and finished December 24, 1895.

Secretary's Order No. 15723.—The approaches to the Ferry were resheathed where necessary by employees of the Brooklyn and New York Ferry Company, under permit of the Board. Begun December 2, 1895, and finished March 18, 1896.

*Pier Foot of East Twenty-sixth Street.*

Secretary's Order No. 15402.—A shed 12 feet by 16 feet on the pier foot of East Twenty-sixth street was erected by the New York Yacht Club, under permit of the Board. Begun September 14 and finished September 24, 1895.

Secretary's Order No. 15944.—A disinfecting plant was placed upon the pier by the Department of Charities and Correction, under permit of the Board. Begun February 24 and finished March 15, 1896.

Secretary's Order No. 15978.—An additional boiler was placed on the Pier foot of East Twenty-sixth street by the Department of Charities and Correction, under permit of the Board. Begun March 6 and finished March 15, 1896.

*Bulkhead between Twenty-eighth and Twenty-ninth Streets, E. R.*

Secretary's Order No. 14518.—The backing-log was repaired and fender-piles renewed and refastened by employees of William H. Jenks & Co., contractors, for owners, by order of the Board. Begun July 28 and finished August 5, 1895.

*Bulkhead at Thirtieth Street, E. R.*

Secretary's Order No. 14992.—The salt-water pipe at the bulkhead at Thirtieth street, East river, was changed and located through the bulkhead at a point about 5 feet south of the old location by M. Kohler & Co., under permit of the Board. Begun June 3 and finished June 6, 1895.

Secretary's Order No. 15889.—The old bulkhead was taken down and rebuilt from about low-water mark up by M. Engle & Co., contractors, for William Hastorf, lessee, by order of the Board. Begun February 24 and finished March 30, 1896.

*Bulkhead between Thirtieth and Thirty-first Streets, E. R.*

Secretary's Order No. 15833.—Fourteen fender and spring piles were driven in front of same by William H. Jenks & Co., contractors, under permit granted Henry D. Brookman. Begun January 3 and finished January 7, 1896.

*Pier foot of East Thirty-first Street, E. R.*

Secretary's Order No. 14828.—The sheathing on the pier foot of East Thirty-first street was repaired by the lessee, as directed by the Board. Begun April 23 and finished May 7, 1895.

Secretary's Order No. 15236.—Two spring-piles and 1 mooring-post were renewed by employees of Doyle & O'Brien, contractors, under permit granted Brown Brothers. Begun August 6 and finished August 8, 1895.

Secretary's Order No. 15396.—The sheathing on surface of pier was patched where necessary by employees of lessees, by order of the Board. Begun October 8 and finished October 9, 1895.

*Bulkhead between Thirty-first and Thirty-second Streets, E. R.*

Secretary's Order No. 15222.—The close piling in front of and backing-log on same was renewed where necessary by employees of Lowther Brothers, under permit. Begun August 13 and finished August 31, 1895.

*Pier foot of Thirty-second Street, E. R.*

Secretary's Order No. 14978.—Fifteen chocks between fenders, several of the oak fenders and vertical sheathing near outer end, about 50 feet of the side cap chocks between 8-feet by 12-feet oak fenders were renewed, mooring-posts and chocking around same and sheathing on deck of pier were also repaired where necessary by employees of J. H. Starin, under permit. Begun June 26 and finished July 6, 1895.

*Premises at Thirty-fourth Street Ferry, E. R.*

Secretary's Order No. 15196.—Several piles and ribbon pieces were renewed in ferry racks by employees of M. Engle & Co., contractors, under permit granted the Long Island Railroad Company, all work being confined to existing lines. Begun July 8 and finished August 10, 1895.

Secretary's Order No. 16027.—The surface of the platform between the two upper slips of the ferry was repaired by employees of the Long Island Railroad Company, by order of the Board. Begun March 30 and finished April 13, 1896.

Secretary's Order No. 16028.—Two bearing piles at the platform between Thirty-third and Thirty-fourth streets, East river, were driven and fastened and one cap repaired by employees of the Long Island Railroad Company, by order of the Board. Begun March 30 and finished April 13, 1896.

*Pier foot of East Thirty-seventh Street.*

Secretary's Order No. 14929.—A portable ice-bridge, three derricks, scales, platform with approaches, tally-house and tool-house were erected on the pier by J. N. Briggs, under permit of the Board. Begun May 16 and finished May 23, 1895.

Secretary's Order No. 15420.—The backing-log, sheathing, chocks between fenders and fenders were repaired by employees of the Baltimore and Ohio Railway Company, lessees, by order of the Board. Begun October 9, 1895, and finished February 1, 1896.

*Bulkhead between Forty-first and Forty-second Streets, E. R.*

Secretary's Order No. 15225.—The close piling in front of bulkhead was renewed and refastened where necessary by employees of William H. Jenks & Co., contractors, for occupants, by order of the Board. Begun August 16 and finished August 22, 1895.

*Bulkhead foot of Forty-first Street, E. R.*

Secretary's Order No. 15226.—The close piling in front of was refastened and renewed where necessary by employees of William H. Jenks & Co., contractors, for lessees, by order of the Board. Begun August 10 and finished August 26, 1895.

*Bulkhead between Forty-second and Forty-third Streets, E. R.*

Secretary's Order No. 15815.—The half-round fenders and fender-piles were renewed and refastened where necessary by employees of the Equitable Gas-light Company, owners, by order of the Board. Begun January 15 and finished January 18, 1896.

*Bulkheads at Forty-third Street and between Forty-third and Forty-fourth Streets, E. R.*

Secretary's Order No. 14442.—Premises were repaired, in accordance with plans and specifications, by employees of W. C. Rogers & Co., contractors, under permit granted the L. V. R. R. Co., lessees. Begun January 7, 1895, and finished May 1, 1895.

## Foot of East Eighty-sixth Street, E. R.

Secretary's Order No. 14959.—The bulkhead at the foot of East Eighty-sixth street was pierced for a sewer outlet by the Department of Public Works, under permit of the Board. Begun May 28 and finished September 26, 1895.

## North Pier foot of East Eighty-sixth Street, E. R.

Secretary's Order No. 15915.—An ice-bridge was removed therefrom by employees of Sebastian Brown, owner, by order of the Board. Begun and finished February 24, 1896.

## East Ninety-second Street, E. R.

Secretary's Order No. 14841.—Messrs. T. & A. Walsh, contractors, for the East River Ferry Company, under permit, renewed six piles and repaired the stringers in the ferry rack where necessary. Begun May 2 and finished May 4, 1895.

Secretary's Order No. 15769.—Repairs to the ferry racks at the foot of East Ninety-second street were made by the New York and East River Ferry Company, under permit of the Board. Begun April 16 and finished April 28, 1896.

Secretary's Order No. 16164.—The extension of the South Ferry rack was extended a distance of 40 feet, instead of 25 feet, outside of the established bulkhead-line, by the New York and East River Ferry Company. Begun April 21 and finished April 28, 1896.

## Between East Ninety-third and East Ninety-fourth Streets, E. R.

Secretary's Order No. 13872.—Obstructions (fences, piles of lumber, etc.), on the bulkhead between East Ninety-third and East Ninety-fourth streets, were removed by the owners, as directed by the Board. Begun May 1 and finished August 6, 1895.

## Bulkhead between East Ninety-fourth and East Ninety-fifth Streets, E. R.

Secretary's Order No. 15902.—A dumping-board was erected on the bulkhead between East Ninety-fourth and East Ninety-fifth streets by Albert Hauert, under permit of the Board. Begun February 15 and finished March 9, 1896.

## Bulkhead between East Ninety-fifth and East Ninety-sixth Streets, E. R.

Secretary's Order No. 14502.—The bulkhead was built from about low-water mark up by John Monks & Son, contractors, for owners, by order of the Board. Begun September 17, 1895, and finished November 23, 1895.

## East Ninety-ninth Street, E. R.

Secretary's Order No. 14205.—This order called for the removal of ferry racks, bridges, etc., from the northerly side of East Ninety-ninth street to the southerly side of Pier foot of East One Hundred street by the New York and College Point Ferry Company, under permit of the Board. Some work was done under this order, and the order was superseded by Secretary's Order No. 15472.

## Between East Ninety-ninth and One Hundred Streets, E. R.

Secretary's Order No. 15472.—The placing of a temporary ferry structure between East Ninety-ninth and East One Hundred streets, instead of adjoining the south side of the pier foot of One Hundred street, was done by the New York and College Point Ferry Company, under permit of the Board. Begun under Secretary's Order No. 14205 September 27 and finished under Secretary's Order No. 15472 December 9, 1895.

## Between East One Hundred and First and East One Hundred and Second Streets, E. R.

Secretary's Order No. 15272.—The filling-in to the westward of the exterior wharf, street or place between East One Hundred and First and East One Hundred and Second streets, was carried on by the owners as directed, from August 31 to November 6, 1895.

## Between East One Hundred and Second and East One Hundred and Third Streets, E. R.

Secretary's Order No. 13206.—Filling was dumped from time to time between East One Hundred and Second and East One Hundred and Third streets by the Harlem Market Company, under permit of the Board. Begun September 26, 1893, and finished September 5, 1895.

## Foot of One Hundred and Fourth Street, H. R.

Secretary's Order No. 15950.—An ice platform, 74 by 18 feet, and a tool-box, 6 by 6 feet, were erected thereat by employees of Dougherty Bros., under permit. Begun April 13 and finished April 18, 1896.

Secretary's Order No. 16063.—Scales and scale-house were placed at the foot of East One Hundred and Fourth street by Dougherty Bros., under permit of the Board. Begun April 2 and finished April 8, 1896.

## East One Hundred and Seventh Street, E. R.

Secretary's Order No. 14859.—An ice-bridge, scales and an office were placed on the unpaved area between the north side of East One Hundred and Seventh street and the temporary pavement in rear of East One Hundred and Tenth street section wall by Alexander R. Baker, under permit of the Board. Begun May 6 and finished May 11, 1895.

## Pier at East One Hundred and Tenth Street.

Secretary's Order No. 15006.—A steam-hoisting derrick was placed on the northerly side and outer end of the pier foot of East One Hundred and Tenth street by Michael F. Cunningham, under permit of the Board. Begun June 24 and finished July 6, 1895.

Secretary's Order No. 15125.—The sheathing on the ramp of the dumping-board at East One Hundred and Tenth street was removed by the Department of Street Cleaning, as directed by the Board. Begun June 30 and finished July 7, 1895.

Bulkhead and Landing of the Department of Public Charities and Correction at One Hundred and Fifteenth street, H. R.

Secretary's Order No. 15512.—Several fenders were fastened on the bulkhead and the sheathing on the surface of the landing repaired where necessary by employees of the Standard Gas-light Company, under permit of the Board. Begun October 21 and finished October 24, 1895.

## Pier at One Hundred and Seventeenth Street, H. R., Department of Public Charities and Correction.

Secretary's Order No. 15941.—Was repaired where necessary under Secretary's Order No. 15512, dated October 16, 1895, and returned November 6, 1895, by employees of the Standard Gas-light Company.

## Pier at One Hundred and Nineteenth Street, H. R.

Secretary's Order No. 15340.—The sheathing on deck of pier was patched with new 3-inch spruce by employees of lessees, by order of the Board. Begun August 31 and finished December 28, 1895.

At a point directly opposite East One Hundred and Nineteenth Street, H. R., on Randall's Island.

Secretary's Order No. 14924.—Walls and Van Riper, contractors, constructed a dock extending about 100 feet into the Harlem river, in substantial accordance with plans and specifications, under permit to the Society for the Reformation of Juvenile Delinquents. Begun May 25 and finished June 15, 1895.

## Pier south of One Hundred and Twenty-fifth Street, H. R.

Secretary's Order No. 15558.—The pier was fenced off against public use by employees of occupants, by order of the Board. Begun December 23 and finished February 3, 1896.

## Piers north and south of One Hundred and Twenty-sixth Street, H. R.

Secretary's Order No. 15671.—Several fender-piles were driven and fastened at outer end of north pier and backing-log, and mooring-posts renewed. Forty-bearing pile were driven and fastened at outer end of south pier, and rangers, backing-log, mooring-posts and deck renewed where necessary. Work was done by Warren Roosevelt, contractor, for occupants, by order of the Board. Begun March 24 and finished March 26, 1896.

## Pier at One Hundred and Twenty-eighth Street, H. R.

Secretary's Order No. 15545.—Several fender-piles at outer end of pier were renewed by employees of the New York, Lake Erie and Western Railroad Company, under permit. Begun October 28 and finished November 30, 1895.

## Bulkhead foot of One Hundred and Thirty-eighth Street, H. R.

Secretary's Order No. 14839.—Ice-bridge, tally-house and scales were erected thereon by employees of M. Baker, under permit. Begun May 1 and finished May 8, 1895.

## Between Lexington and Fourth Avenues, H. R.

Secretary's Order No. 15804.—Four fender-piles were driven thereat by employees of the Friendship Boat Club, under permit. Begun and finished December 30, 1895.

## Lexington Avenue, H. R.

Secretary's Order No. 15508.—A runway was erected at above premises, in accordance with plans submitted, by George McConnell, under permit of the Board. Begun October 21 and finished November 1, 1895.

## Lincoln Avenue, H. R.

Secretary's Order No. 14921.—A sign which reads "Pipe Crossing, Don't Anchor" was placed thereat by employees of the Standard Gas-light Company, under permit. Begun May 16 and finished May 24, 1895.

## Bulkhead between Transfer Bridges and Lincoln Avenue, H. R.

Secretary's Order No. 15082.—About 20 fender-piles were renewed thereat by Warren Roosevelt, contractor, for the New York Central and Hudson River Railroad Company, under permit. All work was kept within existing lines. Begun March 24 and finished March 26, 1896.

## Willis Avenue to Brook Avenue, H. R.

Secretary's Order No. 14453.—Filling was placed between above premises, on the northerly side of Harlem river, in accordance with plans submitted, by New York, New Haven and Hartford Railroad Company, under permit of the Board. Begun March 11, 1895, and finished February 24, 1896.

## One Hundred and Forty-fourth Street, H. R.

Secretary's Order No. 15598.—Filling-in is being placed on the easterly side of Harlem river, for the purpose of making a retaining structure, by John Cromwell, under permit of the Board. Begun November 11, 1895, and in progress.

## Lenox Avenue, H. R.

Secretary's Orders Nos. 15810 and 15834.—Filling was placed between One Hundred and Forty-sixth and One Hundred and Forty-seventh streets, Harlem river, by Metropolitan Street Railway Company, under permit of the Board. Begun January 10 and finished January 21, 1896.

## One Hundred and Fiftieth Street, H. R.

Secretary's Order No. 15286.—A frame structure was erected on the westerly side of Harlem river, by Sooysmith & Co., under permit of the Board. Begun August 9 and finished August 28, 1895.

## One Hundred and Fifty-third Street, H. R.

Secretary's Order No. 14536.—A platform was erected at the foot of Seventh avenue, Harlem river, in accordance with plans submitted, by Jones & Brosnan, under permit of the Board. Begun January 2 and finished July 31, 1895.

Secretary's Order No. 14706.—The filling which was deposited at above premises was removed by Jones & Brosnan, under order of the Board. Filling removed December 1, 1895.

## One Hundred and Fifty-fifth Street and Jerome Avenue, H. R.

Secretary's Order No. 15193.—A submarine cable was laid from Jerome avenue across Harlem river to One Hundred and Fifty-fifth street by Metropolitan Telephone and Telegraph Company, under permit of the Board. Begun August 7 and finished September 21, 1895.

## One Hundred and Fifty-ninth Street and Eighth Avenue, H. R.

Secretary's Order No. 7584.—The platform which was erected at above premises by Charles Peterson & Co., was removed by them, under permit of the Board. Platform removed January 1, 1896.

## North of High Bridge, H. R.

Secretary's Order No. 15979.—A small pier was erected on the westerly side of Harlem river, south of new Croton Aqueduct, by Department of Public Works, under permit of the Board. Begun February 7 and finished February 17, 1896.

## North of Spuyten Duyvil Creek, H. R.

Secretary's Order No. 16122.—Repairs have been made to the old pile platform at above premises, by Isaac G. Johnson & Co., under permit of the Board. Begun April 15 and finished April 22, 1896.

## Pile Platform east side of Mott Haven Canal, between One Hundred and Thirty-third and One Hundred and Thirty-fourth Streets, H. R.

Secretary's Order No. 15329.—The fender-piles, backing-log and deck of same were renewed where necessary by Walls & Van Riper, contractors, under permit to the J. L. Mott Iron Works. Begun August 26 and finished September 21, 1895.

## Oak Point, Bronx River.

Secretary's Order No. 10938.—The water front in this vicinity is being improved by placing filling, etc., thereat, in accordance with plans submitted by East Bay Land and Improvement Company. Begun September 15, 1891, and in progress from time to time.

## Walnut and Willow Avenues, Bronx Kills.

Secretary's Order No. 14831.—A platform on piles was erected at above premises, in accordance with plans submitted, by W. J. Murray, under permit of the Board. Begun April 17 and finished June 5, 1895.

## Willow Avenue, Bronx Kills.

Secretary's Order No. 15389.—The filling at above premises is being extended by New York, New Haven and Hartford Railway Company, under permit of the Board. Begun September 16, 1895, and in progress.

Secretary's Order No. 15574.—Filling is being deposited thereat by Port Morris Land and Improvement Company, in accordance with plans submitted and under permit of the Board. Begun November 1, 1895, and temporarily suspended.

## Blackwell's Island, E. R.

Secretary's Order No. 14170.—Piers are being erected on the island for the proposed Long Island Bridge, by New York and Long Island Bridge Company, under permit of the Board. Begun October 1, 1894, and in progress.

## One Hundred and Thirty-fourth Street, E. R.

Secretary's Order No. 14358.—A boat-house was placed at foot of above street by Henry Cook, under permit of the Board. Begun April 25 and finished June 8, 1895.

## One Hundred and Thirty-fourth and One Hundred and Thirty-fifth Streets, E. R.

Secretary's Order No. 14933.—A boat-house was erected at above premises by Henry C. Phillips, under permit of the Board. Begun May 7 and finished July 31, 1895.

## One Hundred and Thirty-fifth and One Hundred and Thirty-seventh Streets, E. R.

Secretary's Order No. 14533.—A crib-bulkhead was erected between the southerly side of One Hundred and Thirty-fifth and the centre line of One Hundred and Thirty-seventh streets, in accordance with plans submitted, by Port Morris Land and Improvement Company, under permit of the Board. Begun January 15, 1895, and finished February 28, 1896.

Secretary's Order No. 15984.—Filling was placed in the rear of the crib-bulkhead erected at above premises, under permit of the Board, by Port Morris Land and Improvement Company. Begun February 25, 1896, and finished April 17, 1896.

## One Hundred and Thirty-seventh and One Hundred and Thirty-eighth Streets, E. R.

Secretary's Order No. 15381.—A shed was erected between above premises by De Lavergne Refrigerating Machine Company, under permit of the Board. Begun August 22, 1895, and finished October 10, 1895.

## Ice Bridges on the East and Harlem Rivers.

Secretary's Order No. 12743.—The surfaces under ice bridges were cleaned, except those under the charge of the Department's engineers, by employees of owners, by order of the Board. Begun April 10, 1893, and finished January 4, 1896.

## REMOVAL OF OBSTRUCTIONS.

## CLEANING PAVEMENTS, PIERS, BULKHEADS, APPROACHES, ETC., AND SPRINKLING PAVEMENTS. UNDER UNANIMOUS RESOLUTION OF THE BOARD, - MAY 12, 1892.

May 1 to December 1, 1895.—The pavement between Pier A and Pier, new 1, Dey and Vesey streets, Warren and Vestry streets, Canal and West Tenth streets, and between Piers, new 53 and 60, North river; bulkheads around oyster basin, between Piers, new 55 and 56, 57 and 58, and 59 and 60, North river; Pier, new 15, Pier, old 42, Pier, new 43, Piers, old 57 and 58, Perry, Bethune, Bloomfield, Thirteenth, Nineteenth, Twentieth, Twenty-third, Thirtieth, Thirty-fourth, Forty-fourth, Forty-seventh, Fifteenth, Fifty-second, Fifty-fourth, Fifty-fifth and Fifty-sixth streets, and the approaches to Piers, new 45, 46 and 47, and at Twenty-fourth, Twenty-sixth, Twenty-seventh, Twenty-eighth and Thirtieth streets, were cleaned of snow and ice and refuse, when required.

The pavements above named were sprinkled under Treasurer's Orders Nos. 18120 and 18194.

May 1 to December 1, 1895.—Piers foot of East Twenty-fourth, Twenty-eighth, Twenty-ninth, Ninety-first, Ninety-fifth, Ninety-sixth, One Hundred and One Hundred and Tenth streets, and from bulkheads from East One Hundred and First to One Hundred and Third, One Hundred and Seventh to One Hundred and Tenth and East One Hundred and Twenty-fifth streets, were kept cleaned; 55 loads of sweepings from East Twenty-fourth street Pier, 127 loads from Pier foot of East Twenty-eighth street, 124 loads from Pier foot of East Twenty-ninth street, and 45 loads from bulkhead between East One Hundred and First and East One Hundred and Third streets, were removed by Edward McKeever and Wm. Wilmot, under Treasurer's Orders Nos. 17969, 18101 and 18261. The work of cleaning wharves, piers and bulkheads, was turned over to the Superintendent of Docks, on the 30th day of November, 1895, in accordance with Engineer's Order No. 16160, as per resolution of Board dated November 7, 1895

## NEW WHARFAGE ROOM.

NEW WHARFAGE ROOM MADE DURING THE YEAR ENDING APRIL 30, 1896.

CONSTRUCTION UNDER "NEW PLAN."

	Linear feet.
North River— New wall at Dey Street Section extended.....	20.00
New wall at Laight Street Section.....	21.38
East River— New wall at East Ninety-first Street Section.....	45.00
Total new wall.....	86.38
East River— Pier at East Sixty-second street, sides and outer end.....	571.75
Total new wall and pier line under "New Plan".....	658.13
Deduct for bulkhead which comes under new piers:	
Pier at East Sixty-second street, East river.....	60.00
Net new wall and pier line under "New Plan".....	598.13
CONSTRUCTION NOT UNDER "NEW PLAN."	
East River— Platform south of Storehouse Dock, Blackwell's Island.....	75.00
Harlem River— Pier on westerly side of Ward's Island (outer end).....	125.00
Long Island Sound— Extension of Pier on Hart's Island.....	65.00
Total new wharfage room not under "New Plan".....	265.00
Total new wharfage room for the year.....	863.13

The net increase during the year in length of wharfage room is 863.13 linear feet, and the superficial area of piers has been increased by 29,123 square feet.

NEW WHARFAGE ROOM IN LINEAR FEET, TO BE MADE BY WORK BEGUN, BUT NOT FINISHED DURING THE YEAR, ENDING APRIL 30, 1896.

WORK UNDER "NEW PLAN."

	Linear Feet.
North River— New wall at Perry Street Section.....	210.00
New wall at West Fifty-second Street Section (north end).....	203.70
East River— New wall at East Ninety-first Street Section.....	330.88
Harlem River— New wall at East Ninety-ninth Street Section.....	294.42
Total under "New Plan".....	1,039.00
Total work, begun but not finished during the year.....	1,039.00

NEW WHARFAGE ROOM IN LINEAR FEET, MADE DURING THE YEAR ENDING APRIL 30, 1896, BY PRIVATE PARTIES, UNDER PERMIT OF THE BOARD OF DOCKS.

Location.

	Linear Feet.
North River— New wall at Dey Street Section.....	114.00
New wall at Barclay Street Section.....	153.00
New wall at Desbrosses Street Section.....	85.00
East River— New pier on Randall's Island.....	50.00
New crib-bulkhead between East One Hundred and Thirty-fifth and One Hundred and Thirty-seventh streets.....	554.00
Harlem River— Platform between Willow and Walnut avenues (Bronx Kills).....	80.50
Platform between West One Hundred and Fifty-third and One Hundred and Fifty-fourth streets.....	91.50
Total New Wharfage room completed during the year.....	1,128.00

NEW WHARFAGE ROOM, IN LINEAR FEET, TO BE MADE BY WORK CARRIED ON DURING THE YEAR BY PRIVATE PARTIES, UNDER PERMIT OF THE BOARD OF DOCKS, BUT NOT FINISHED.

Linear Feet.

	Linear Feet.
North River— Bulkhead between West One Hundred and Forty-second and One Hundred and Forty-fourth streets.....	261.50
Total New Wharfage room in progress.....	261.50

## WHARFAGE ROOM MADE IN LINEAR FEET.

	Linear Feet.
Construction, "New Plan".....	598.13
Construction, "not New Plan".....	265.00

	Linear Feet.
Private Parties.....	1,128.00
Total New Wharfage room.....	1,991.13
Wharfage removed by construction.....	904.77

Wharfage made under construction.....

41.46

Wharfage room lost.....

	Linear Feet.
EQUIVALENT LENGTH OF COMPLETED WALL FOR THE YEAR IN LINEAR FEET.	
Dey Street Section extended.....	20.00
Laight Street Section.....	4.04
Perry Street Section.....	7.93
West Fifty-second Street Section.....	51.35
East Ninety-first Street Section.....	88.00
East Ninety-ninth Street Section.....	34.00
Total.....	205.32

At cost of private parties—

	Linear Feet.
Dey Street Section.....	36.00
Barclay Street Section.....	153.00
Desbrosses Street Section.....	85.00

Total.....

274.00

Grand total.....

479.32

## DEPARTMENT OF CORRECTION.

REPORT OF TRANSACTIONS, APRIL 12 TO 17, 1897.

## Communications Received.

From Penitentiary—List of prisoners received during week ending April 10, 1897: Males, 27; females, 0; on file. List of 30 prisoners to be discharged from April 18 to 24, 1897; transmitted to Prison Association.

From City Prison—Amount of fines received during week ending April 10, 1897, \$91. On file.

From District Prisons—Amount of fines received during week ending April 10, 1897, \$785. On file.

From Heads of Institutions—Reporting meats, milk, fish, etc., received during week ending April 10, 1897, of good quality and up to the standard. On file.

From the Comptroller—Statement of unexpended balances to April 10, 1897. Referred to Bookkeeper.

From Steamboat Bureau—In answer to inquiry, Supervising Engineer gives schedule of Department boats, and states that in case of a breakdown it would cost at least fifty dollars a day for a boat; also that a boat is needed to make trips several times a day to Riker's Island. On file.

From Board of Estimate and Apportionment—Transmitting copy of resolution, which reads as follows:

"Resolved, That, for the purpose of providing the necessary means for the construction of a new city prison, pursuant to the provisions of chapter 626 of the Laws of 1896, including architect's fees, inspection and incidental expenses, the Comptroller be and is hereby authorized to issue bonds, in the name of The Mayor, Aldermen and Commonalty of the City of New York, to be known as 'Consolidated Stock of the City of New York,' as provided by section 132 of the New York City Consolidation Act of 1882, to an amount not exceeding four hundred and sixty thousand dollars (\$460,000), bearing interest at a rate not exceeding three and one-half per cent. per annum, and redeemable in not less than twenty nor more than fifty years from the date of issue.

"A true copy of resolution adopted by the Board of Estimate and Apportionment, April 15, 1897.

(Signed) CHARLES V. ADEE, Clerk."

From Department of Docks—Stating that new pier on the westerly side of Hart's Island is now completed, and landings may now be made there. On file.

From General Storekeeper—Rejecting soap furnished under contract, it being of inferior quality. Approved.

From Penitentiary—Transmitting list of thirty-one prisoners for use of the Governor, by which he may commute their sentences. Secretary to forward.

From City Cemetery—List of burials during week ending April 10, 1897. On file.

Appointed.

April 14—Mary Slattery, Orderly, Penitentiary; salary, \$300 per annum.

ROBERT J. WRIGHT, Commissioner.

## DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS, Tuesday, April 13, 1897.

The Board of Examiners met this day at 3:15 P.M.

Present—Stevenson Constable, Superintendent of Buildings, in the chair, and Messrs. Fryer, Bonner, Dobbs, O'Reilly and McMillan.

The minutes of April 6, 1897, were read and approved.

Petitions were then submitted for approval, as follows:

Plans 2129, New Buildings, 1895—C. Maldonado, petitioner—To allow the construction of buildings Nos. 2 and 4, as described in petition; Nos. 26 to 30 Roosevelt street. Approved, on condition that the fireproof paint used is satisfactory to the Department, and subject to the approval of the construction by the Superintendent of Buildings.

Plans 859, New Buildings, 1895—William J. Merritt, petitioner—To allow the erection of two penthouses on roof, of 2-inch angle and 1½-inch T irons, filled in with plaster and covered on the outside with galvanized iron; northwest corner of West End avenue and Eighty-first street. Laid over.

Plans 78, New Buildings, 1897—Rossiter & Wright, petitioners—To allow the use of the J. W. Rapp system of fireproof floor construction for the floors and roof of building; Nos. 47 and 49 West Forty-third street and Nos. 44 and 46 West Forty-fourth street. Laid over.

Plans 298, New Buildings, 1897—A. G. Rechlin, petitioner—To allow the use of cast-iron columns and steel beams; to allow main stair hall to be inclosed with 4-inch angle-iron and fireproof blocks; to allow vent shafts to be constructed of 4-inch angle-iron and fireproof blocks, and covered on inside with wire lath, plastered, in place of brick walls, as stated in petition. Approved, on condition that the bearing portion of inclosing stairs be made with 6-inch iron framing and 6-inch fireproof blocks; that walls of light shaft be 8 inches thick, of brick, and subject to the approval of the construction by the Superintendent of Buildings.

Violation 727, 1897—T. E. Crimmins, petitioner—To allow present doors to remain, without being made fireproof; northwest corner of Sixty-eighth street and Avenue A. Laid over.

Plans 325, Alterations to Buildings, 1897—Buchman & Deisler, petitioners—To allow the alterations and additions, as shown on plan; west side of Third avenue, Fifty-ninth to Sixtieth street. Laid over.

Plans 82, New Buildings, 1897—G. Fred. Pelham, petitioner—To allow the J. W. Rapp system of fireproof floor construction to be used in first floor of building; north side of Spring street, 75 feet west of Wooster street. Laid over.

Plans 154, New Buildings, 1897—Neville & Bagge, petitioners—To allow the J. W. Rapp system of fireproof floor construction to be used for the first floor; north side of Ninety-second street, 165 feet west of the Boulevard. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings.

Plans 61, New Buildings, 1897—Kurtzer & Rohl, petitioners—To allow the J. W. Rapp system of fireproof floor construction to be used for the first floor; No. 245 East Fifty-first street. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings.

Plans 151, New Buildings, 1897—S. D. Cohen, petitioner—To allow the J. W. Rapp system of fireproof floor construction to be used on the first floors; south side of One Hundred and Fifteenth street, 100 feet west of Lenox avenue. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings.

Plans 133, New Buildings, 1897—Neville & Bagge, petitioners—To allow the use of steel girders and cast-iron columns instead of 8-inch brick wall in cellar of corner house; southwest corner of St. Nicholas avenue and One Hundred and Thirteenth street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 334—Alterations to Buildings, 1897—John B. Franklin, petitioner—To allow the erection of a bay window in the basement and first story, as described in petition; No. 107 West Thirty-seventh street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 369, Alterations to Buildings, 1897—R. H. Robertson, petitioner—To allow an additional story to be built on the rear extension, as stated in application; No. 304 West Seventy-fifth street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 287, New Buildings, 1897—Schickel & Ditzmars, petitioners—To allow new building

Plans 305, New Buildings, 1897—C. B. J. Snyder, petitioner—To allow a superimposed load of 100 pounds per square foot for all floors throughout; north side of Hester street, between Orchard and Ludlow streets. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 300, New Buildings, 1897—James W. Cole, petitioner—To allow the omission of the 8-inch brick partition wall in front portion of basement of corner house, and the use of a girder of two 12-inch iron beams, 125 pounds per yard, instead; southwest corner of Manhattan avenue and One Hundred and First street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 274, New Buildings, 1897—James W. Cole, petitioner—To allow the omission of the 8-inch brick partition wall in front portion of basement of corner house, and the use of a girder of two 12-inch iron beams, 125 pounds per yard, instead; southwest corner of Manhattan avenue and One Hundred and Second street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 198, New Buildings, 1897—Charles Rentz, petitioner—To allow the construction of partitions around main public stair halls, above basement, as stated in petition; No. 105 Thompson street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 56, New Buildings, 1897—Cumming & Ferguson, petitioners—To allow the J. W. Rapp system of fireproof floor construction to be used for the first floors; north side of One Hundred and Fourth street, 100 feet east of Columbus avenue. Approved, subject to the approval of the construction by the Superintendent of Buildings, on condition that the under sides of beams are covered with fireproof material, as required by law.

Plans 930, New Buildings, 1894—William Tubby, petitioner—To allow the erection of a penthouse on roof for janitor's apartments, as stated in petition; St. John's lane, Beach street and West Broadway. For reconsideration; reconsidered and laid over for examination and report.

Plans 1240, New Buildings, 1896—Renwick, Aspinwall & Owen, petitioners—To allow the clustering of smoke flue and vent flues, as stated in petition; northeast corner of bulkhead at foot of East Sixteenth street and East river. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plans 368, Alterations to Buildings, 1897—John H. Friend, petitioner—To allow bay window projecting on second and third stories to be built of 4-inch angle and T irons, filled in with 4-inch hollow fireproof blocks, as stated in petition; No. 50 East Ninety-second street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Slip Application 531, 1897—P. H. Flynn, petitioner—To allow the erection of a temporary frame building, as stated in petition; foot of Delancey street, East river, Pier 58. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Slip Application 445, 1897—Walter G. Jones, petitioner—To allow the erection of a temporary canvas tent, 40 feet by 60 feet, as stated in petition; Boulevard, east side, between One Hundred and Ninth and One Hundred and Tenth streets. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Slip Application 463, 1897—Marco Polo, petitioner—To allow the erection of a fruit stand, as described in petition; southwest corner of Boulevard and Sixty-first street. Denied.

Hopkins & Roberts, petitioners—To allow the omission of plastering back of the wainscoting on stairs and landings, as stated in petition; No. 52 West Broadway. Approved, subject to the approval of the construction by the Superintendent of Buildings.

W. E. Stone, petitioner—To allow the erection of a frame pavilion, covered with canvas, as stated in petition; No. 17 West Forty-fifth street. Approved, on condition that the proper consent of owners of adjoining property is contained, and that structure is removed the day after the intended use, and subject to the approval of the construction by the Superintendent of Buildings.

Thomas Dooner, petitioner—For exemption from fireproof shutters above first story on rear, northerly and southerly sides. Petition granted, on recommendation of Mr. O'Reilly. No. 103 Fifth avenue.

John B. Snook & Sons, petitioners—For exemption from fireproof shutters on east and west walls, upper stories; Nos. 125 and 127 West Thirty-second street. Referred to Mr. O'Reilly for examination and report.

Fred. S. Myers, petitioner—For exemption from fireproof shutters on rear; Nos. 410 to 416 East Sixty-eighth street. Referred to Mr. O'Reilly for examination and report.

Morris E. Sterne, petitioner—For exemption from fireproof shutters on rear, second, third and fourth stories; No. 13 East Fourteenth street. Laid over for examination and report.

The following-named candidates for the position of Inspector of Buildings were examined as to their qualifications:

Le Roy D. Bell, No. 203 West Eighty-fourth street; examined and found not qualified.

William H. Rohmann, No. 489 Fifth avenue; examined, case laid over.

William L. Virrill, No. 54 Charles street, New Rochelle; examined and found qualified.

Louther S. Horne, No. 1783 Sedgwick avenue; examined and found qualified.

Charles Streeter, No. 720 East One Hundred and Sixty-seventh street; examined and found qualified.

William A. Kenny, Riverdale, New York; examined and found qualified.

On motion, the Board then adjourned, 6:35 P.M.

ELMER E. ROY, Acting Clerk to Board.

#### DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE, NO. 150 NASSAU STREET, NEW YORK, March 13, 1897.

In accordance with the provisions of section 51, chapter 410 of the Laws of 1882, the Department of Public Works makes the following report of its transactions for the week ending March 6, 1897:

*Public Moneys Received during the Week.*—For Croton water rents, \$29,547.31; for penalties, water rents, \$114.75; for tapping Croton pipes, \$148.50; for sewer permits, \$1,702.69; for restoring and repaving—Special Fund, \$2,268.50; for redemption of obstructions seized, \$34.75; for shed permits over sidewalks, \$5; for vault permits, \$12,951.54—total, \$46,773.04.

*Public Lamps.*—11 lamps discontinued, 1 lamp relighted, 97 lamp-posts removed, 7 lamp-posts reset, 16 lamp-posts straightened, 13 columns reloaded, 3 columns refitted, 1 service pipe refitted, 6 stand pipes refitted.

*Permits Issued.*—34 permits to tap Croton pipes, 41 permits to open streets, 18 permits to make sewer connections, 15 permits to repair sewer connections, 92 permits to place building material on streets, 33 permits—special, 5 permits to construct street vaults, 17 permits for use of water for building purposes, 1 permit to construct shed over sidewalks.

*Repairing and Cleaning Sewers.*—168 receiving-basins and culverts cleaned, 1,520 linear feet of sewer cleaned, 900 linear feet of sewer relieved, 32,722 linear feet of sewer examined, 3 man-hole heads reset, 1 new manhole head and cover put on, 1 new basin cover put on, 4 new manhole covers put on, 1 new basin grate put in, 151 cubic feet of brickwork built, 26 square yards of pavement relaid, 121 cubic feet of earth excavated and refilled, 2 cart-loads of earth filling, 17 cart-loads of dirt removed.

*Obstructions Removed.*—29 obstructions removed from various streets and avenues.

*Repairs to Pavement.*—5,595 square yards of pavement repaired.

*Appointments.*—B. H. Kringle, Clerk, \$1,000 per annum; George O'Dell, Fireman, at \$2.50 per day; William Devine, Laborer, at \$2 per day.

*Resigned.*—John Simpson, Superintendent of Streets, \$2,750 per annum.

*Statement of Laboring Force Employed in the Department of Public Works during the Week ending March 6, 1897.*

NATURE OF WORK.	MECHANICS.	LABORERS.	TEAMS.	CANT.
Aqueduct—Repairs, Maintenance and Strengthening	46	100	6	11
Laying Croton Pipes	..	..	..	..
Repairs and Renewals of Pipes, Stop-cocks, etc.	59	125	4	21
Bronx River Works—Maintenance and Repairs	1	16	3	..
Supplying Water to Shipping	5	..	..	..
Repairing and Cleaning Sewers	18	31	..	9
Repairing and Renewals of Pavements	182	208	4	72
Boulevards, Roads and Avenues, Maintenance of	20	50	2	4
Roads, Streets and Avenues	8	12	2	2
Total	339	548	21	110

*Contracts Entered Into.*

NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.
Furnishing ice for use of public offices during the year 1897.....	William Scott.....	\$1,952.00

*Requisitions on the Comptroller.*—The total amount of requisitions drawn by the Department on the Comptroller during the week is \$42,460.60.

HOWARD PAYSON WILDS, Deputy Commissioner of Public Works.

#### ALDERMANIC COMMITTEES.

*Law Department.*—Railroads.

*LAW DEPARTMENT.*—The Committee on Law Department will hold a public hearing on Thursday, April 29, 1897, at 2 o'clock P.M., in Room 16, City Hall, "to consider ordinance relating to bill-posting."

*RAILROADS.*—The Committee on Railroads

will hold a meeting on Monday, April 26, 1897, at 11 o'clock A.M., in Room 13, City Hall.

WM. H. TEN EYCK, Clerk, Common Council.

#### OFFICIAL DIRECTORY.

Section 68 of chapter 410, Laws of 1882 (the Consolidation Act of the City of New York), provides that

"there shall be published in the CITY RECORD, within the month of January in each year, a list of all subordinates employed in any department (except laborers), with their salaries, and residences by street numbers, and all changes in such subordinates or salaries shall be so published within one week after they are made. It shall be the duty of all the heads of departments to furnish to the person appointed to supervise the publication of the CITY RECORD everything required to be inserted therein."

JOHN A. SLEICHER, Supervisor City Record.

**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 LOCATED.**

**EXECUTIVE DEPARTMENT**

*Mayor's Office.*

No. 6 City Hall, 9 A.M. to 5 P.M.; Saturdays, 9 A.M. to 12 M.

WILLIAM L. STRONG, Mayor. JOSEPH E. HEDGES, Secretary and Chief Clerk.

*Bureau of Licenses.*

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

EDWARD H. HEALY, Marshal.

**AQUEDUCT COMMISSIONERS.**

Room 209, Stewart Building, 5th floor, 9 A.M. to 4 P.M.

JAMES C. DUANE, President; JOHN T. TUCKER; H. W. CANNON, GEORGE WALTON GREEN, and THE MAYOR, COMPTROLLER and COMMISSIONER OF PUBLIC WORKS, ex officio, Commissioners; EDWARD L. ALLEN, Secretary, A. FEELEY, Chief Engineer.

**BOARD OF ARMORY COMMISSIONERS.**

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.

Address EDWARD P. BARKER, Stewart Building. Office hours, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

**COMMISSIONERS OF ACCOUNTS.**

Rooms 114 and 115, Stewart Building, 9 A.M. to 5 P.M.

SETH SPRAGUE TERRY and RODNEY S. DENNIS.

**CITY COUNCIL.**

*Office of Clerk of Common Council.*

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

JOHN JEROLAMON, President Board of Aldermen. WILLIAM H. TEN EYCK, Clerk Common Council.

**DEPARTMENT OF PUBLIC WORKS.**

No. 150 Nassau street, 9 A.M. to 4 P.M.

CHARLES H. T. COLLIS, Commissioner; HOWARD PAYSON WILDS, Deputy Commissioner (17th Floor).

HENRY DIMSE, Chief Clerk (17th Floor).

GEORGE W. BIRDSALL, Chief Engineer (17th Floor);

COLUMBUS O. JOHNSON, Water Register (1st Floor);

HORACE LOOMIS, Engineer in Charge of Sewers (17th Floor); JOHN C. GRAHAM, Superintendent of Repairs (17th Floor); EDWARD P. NORTH, Water Purveyor (Basement); STEPHEN MCGREGOR, Superintendent of Lamps and Gas (2nd Floor);

—, Superintendent of Streets and Roads (17th Floor); WILLIAM HENKEL, Superintendent of Incumbrances (Basement); STEVENSON TOWLE, Consulting Engineer and in Charge of Street Improvements (17th Floor).

**DEPARTMENT OF BUILDINGS.**

No. 220 Fourth avenue, corner of Eighteenth street, 9 A.M. to 4 P.M.

STEVENSON CONSTABLE, Superintendent.

**DEPARTMENT OF STREET IMPROVEMENTS.**

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

Corner One Hundred and Seventy-seventh street and Third avenue. Office hours, 9 A.M. to 4 P.M.; Saturdays, 12 M.

LOUIS F. HAFFEN, Commissioner; JOSEPH P. HENNESSY, Deputy Commissioner; STEPHEN MCGREGOR, Superintendent.

**FINANCE DEPARTMENT.**

*Comptroller's Office.*

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

ASHBEL P. FITCH, Comptroller; WILLIAM J. LYON, Deputy Comptroller; EDGAR J. LEVEY, Assistant Deputy Comptroller.

**Auditing Bureau.**

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

JOHN F. GOULDSBURY, First Auditor.

FRED'K L. W. SCHAFNER, Second Auditor.

FRED'K L. BRETTMAN, Third Auditor.

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

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

EDWARD G. GILON, Collector of Assessments and Clerk of Arrears.

## SUPREME COURT.

County Court-house, 10.30 A.M. to 4 P.M.  
Special Term, Part I., Room No. 12.  
Special Term, Part II., Room No. 15.  
Special Term, Part III., Room No. 19.  
Special Term, Part IV., Room No. 11.  
Special Term, Part V., Room No. 13.  
Special Term, Part VI., Room No. 21.  
Special Term, Part VII., Room No. 25.  
Special Term, Part VIII., Room No. 34.  
Trial Term, Part II., Room No. 16.  
Trial Term, Part III., Room No. 17.  
Trial Term, Part IV., Room No. 18.  
Trial Term, Part V., Room No. 32.  
Trial Term, Part VI., Room No. 31.  
Trial Term, Part VII., Room No. 30.  
Trial Term, Part VIII., Room No. 24.  
Trial Term, Part X., Room No. 23.  
Trial Term, Part IX., Room No. 22.  
Naturalization Bureau, Room No. 26.

*Justices*—ABRAHAM R. LAWRENCE, GEORGE P. ANDREWS, CHARLES H. TRUAX, CHARLES F. MACLEAN, FREDERICK SMYTH, JOSEPH F. DALY, MILES BEACH, ROGER PRYOR, LEONARD A. GEIGERICH, HENRY W. BOOKSTAVER, HENRY BISCHOFF, JR., JOHN J. FRIEDMAN, JOHN SEDGWICK, P. HENRY DUGRO, DAVID MACADAM, HENRY R. BEEKMAN, HENRY A. GILDERSLEEVE; HENRY D. PURKIN, Clerk.

## COURT OF GENERAL SESSIONS.

New Criminal Court Building, Centre street. Court opens at 11 o'clock A.M.; adjourns 4 P.M.  
JOHN W. GOFF, Recorder; JAMES FITZGERALD, RUFUS B. COWING, JOSEPH E. NEWBURGER and MARTIN T. McMAHON, Judges.

JOHN F. CARROLL, Clerk's Office, 10 A.M. to 4 P.M.

## CITY COURT.

City Hall.

General Term, Room No. 20.

Trial Term, Part I., Room No. 20.

Part II., Room No. 21.

Part III., Room No. 15.

Part IV., Room No. 11.

Special Term Chambers will be held in Room No.

29, 10 A.M. to 4 P.M.

Clerk's Office, Room No. 10, City Hall, 9 A.M. to 4 P.M.

ROBERT A. VAN WYCK, Chief Justice; JAMES M. FITZSIMONS, JOHN H. McCARTHY, LEWIS J. CONLAN, EDWARD F. O'DWYER and JOHN P. SCHUCHMAN, Justices; JOHN B. McGOLDRICK, Clerk.

CRIMINAL DIVISION, SUPREME COURT.  
New Criminal Court Building, Centre street. Court opens at 10.30 A.M. to 4 P.M.

JOHN F. CARROLL, Clerk; 10 A.M. to 4 P.M.

## COURT OF SPECIAL SESSIONS.

New Criminal Court Building, Centre street, between Franklin and White streets, daily, from 9 A.M. to 4 P.M.; Saturday, 9 A.M. to 12 M.

Judges—ELIJAH B. HINSDALE, WILLIAM TRAVERS JEROME, EPHRAIM A. JACOB, JOHN HAYES, WILLIAM C. HOLEBROOK.

## DISTRICT CIVIL COURTS.

First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street. Court-room, No. 32 Chambers street.

WAUHOPPE LYNN, Justice. MICHAEL C. MURPHY, Clerk. Clerk's Office open from 9 A.M. to 4 P.M.

Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.

HERMANN BOLTE, Justice. FRANCIS MANGIN, Clerk. Clerk's Office open from 9 A.M. to 4 P.M.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A.M. to 4 P.M.

WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk. Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue, Court opens 9 A.M. daily, and remains open to close of business.

GEORGE F. ROESCH, Justice. JOHN E. LYNCH, Clerk. Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 154 Clinton street.

HENRY M. GOLDFOGLE, Justice. JEREMIAH HAVES, Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue, Court opens 9 A.M. daily, and continues open to close of business.

DANIEL F. MARTIN, Justice. ABRAM BERNARD, Clerk. Seventh District—Nineteenth Ward. Court-room, No. 151 East Fifty-seventh street. Court opens every morning at 9 A.M. (except Sundays and legal holidays), and continues open to close of business.

JOHN B. MCKEAN, Justice. PATRICK McDAVITT, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 9 A.M. and continues open to close of business.

Clerk's office open from 9 A.M. to 4 P.M. each Court day.

Trial days, Wednesdays, Fridays and Saturdays. Return days, Tuesdays, Thursdays and Saturdays. JOSEPH H. STINER, Justice. THOMAS COSTIGAN, Clerk.

Ninth District—Twelfth Ward, except all that portion of the said ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.

JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.

Clerk's office open daily from 9 A.M. to 4 P.M.

Tenth District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third avenue and One Hundred and Fifty-eighth street.

Office hours from 9 A.M. to 4 P.M. Court opens at 9 A.M.

WILLIAM G. McCREA, Justice. WM. H. GERMAINE, Clerk.

Eleventh District—Twenty-second Ward, and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 919 Eighth avenue. Court opens daily (Sundays and legal holidays excepted) from 9 A.M. to 4 P.M.

JAMES A. O'GORMAN, Justice. JAMES J. GALLIGAN, Clerk.

Twelfth District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted), from 9 A.M. to 4 P.M.

RICHARD N. ARNOW, Justice. JOHN N. STEWART, Clerk.

Thirteenth District—Northern part of Twelfth Ward. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Court opens daily (Sundays and legal holidays excepted), from 10 A.M. to 4 P.M.

JAMES P. DAVENPORT, Justice. ADOLPH N. DUMAHANT, Clerk.

## CITY MAGISTRATES' COURTS.

*City Magistrates*—LEROY B. CRANE, ROBERT C. CORNELL, CHARLES E. SIMMS, JR., HENRY E. BRAUNN, CHARLES A. FLAMMER, HERMAN C. KUBLICH, JOSEPH M. DEUEL, JOHN O. MOTT, THOMAS F. WENTWORTH.

JOHN S. TEBBETS, Secretary.  
Office of Secretary, Fifth District Police Court, One Hundred and Twenty-first street and Sylvan place.  
First District—Criminal Court Building.  
Second District—Jefferson Market.  
Third District—No. 69 Essex street.  
Fourth District—Fifty-seventh street, near Lexington avenue.  
Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.  
Sixth District—One Hundred and Fifty-eighth street and Third avenue.

## OFFICIAL PAPERS.

MORNING—"NEW YORK PRESS," "NEW YORK TRIBUNE."  
Evening—"Evening World," "Commercial Advertiser."  
Weekly—"Irish World," "Frank Leslie's Weekly."  
German—"New Yorker Herald."  
JOHN A. SLEICHER, Supervisor.

## CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.: List 5108, No. 1. Regulating, grading, curbing, flagging and laying crosswalks in One Hundred and Seventy-fifth street, from Webster to Third avenue, together with a list of awards for damages caused by a change of grade.

List 5108, No. 2. Regulating, grading, curbing, flagging and laying crosswalks in Melrose avenue, from Third avenue to One Hundred and Sixty-third street.

List 5423, No. 3. Receiving-basin and appurtenances on the northwest corner of St. Ann's avenue and East One Hundred and Fifty-sixth street.

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

No. 1. Both sides of One Hundred and Seventy-fifth street, from Webster to Third avenue, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of Melrose avenue, from Third avenue to One Hundred and Sixty-third street, and to the extent of half the block at the intersecting streets.

No. 3. North side of One Hundred and Fifty-sixth street, from German place to St. Ann's avenue.

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

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 14th day of May, 1897.

THOMAS J. RUSH, Chairman; PATRICK M. HAVERTY, JOHN W. JACOBUS, EDWARD McCUE, Board of Assessors.

NEW YORK, April 13, 1897.

## ST. OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN, THAT THE Board of Street Opening and Improvement of the City of New York, deeming it for the public interest so to do, propose to alter the map or plan of the City of New York, by laying out and opening a new street, to extend from Chambers street to Reade street, more particularly described as follows:

Beginning at a point in the northerly line of Chambers street distant 426.71 feet from Broadway; thence northerly distance 151.16 feet to the southerly line of Reade street at a point distant 425.04 feet easterly from Broadway; thence easterly and along the southerly line of Reade street distance 40 feet; thence southerly distance 151.11 feet to the northerly line of Chambers street; thence westerly distance 40 feet to the point or place of beginning.

Said street to be 40 feet wide between the lines of Chambers and Reade streets.

And that such proposed action of the said Board of Street Opening and Improvement has been duly laid before the Board of Aldermen.

V. B. LIVINGSTON, Secretary.

Dated NEW YORK, April 14, 1897.

## DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS, NO. 220 FOURTH AVENUE, NEW YORK, June 22, 1896.

## NOTICE TO OWNERS, ARCHITECTS AND BUILDERS.

THE DEPARTMENT OF BUILDINGS HAS established a branch office at junction of Third and Courtland avenues, where all plans for the erection or alteration of buildings above the Harlem river may be submitted and filed.

STEVENSON CONSTABLE, Superintendent Buildings.

## POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK, 1896. 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.

## CITY CIVIL SERVICE COMM.

NEW CRIMINAL COURT BUILDING, NEW YORK, April 1, 1897.

## EXAMINATIONS WILL BE HELD AS FOLLOWS:

Monday, April 26, 10 A.M., ORDERLIES, DEPARTMENT OF CORRECTION.

Wednesday, April 28, 10 A.M., INSPECTORS OF PIPE LAVING.

Monday, May 3, 10 A.M., LABORATORY ATTENDANT, BACTERIOLOGICAL LABORATORY. Applicants must have some knowledge of chemicals and chemical apparatus and preparation of microscopic slides.

Tuesday, May 4, 10 A.M., BUILDING INSPECTORS OF MASONRY. This examination will be oral and will consist of reading plans and other practical matter. Candidates passing this oral examination successfully will be notified to appear for a written technical examination later.

Monday, May 10, 10 A.M., HYDROGRAPHER.

Applications are desired for the positions of Building Inspectors of Masonry and Building Inspectors of Iron and Steel Construction. Applicants must have at least ten years' experience in their respective lines and be able to read building plans. The salary for Building Inspectors \$1,200 to \$1,800 per annum, and the Inspectors are eligible to advancement to Chief Inspectors of the several branches, the salary of which is from \$1,800 to \$2,500 per annum.

Notice is also given that applications are desired for the position of Inspector of Light, Plumbing and Ventilation in the Building Department.

Applications are desired for the position of Instrument Maker. Applicants must understand the construction, etc., of electrical apparatus, and be able to read plans of such and furnish letters of recommendation.

Persons desiring employment in the hospitals should

make application as Hospital Orderly; salary from \$25 to \$40 per month. Orderlies are eligible for promotion to Inspector; salary from \$40 to \$60 per month, board and lodging furnished. Persons desiring employment at hospitals, outside work, should make application for Hospital Helper; salary not above \$25 per month, board and lodging furnished. Persons desiring employment as Orderly in Correction Department should make application for the position of Orderly in the Department of Correction; salary, \$25 per month. Letters of recommendation will be required in all cases.

S. WILLIAM BRISCOE, Secretary.

NEW YORK, April 1, 1897.

NOTICE IS GIVEN THAT THE REGISTRATION days in the Labor Bureau will be Wednesday and Friday, and that examinations will take place on those days at 1 P.M.

S. WILLIAM BRISCOE, Secretary.

## TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS, STEWART BUILDING, NO. 280 BROADWAY, NEW YORK, January 11, 1897.

IN COMPLIANCE WITH SECTION 817 OF THE New York City Consolidation Act of 1882, notice is hereby given that the books of the Annual Record of the Assessed Valuations of Real and Personal Estate of the City and County of New York, for the year 1897, are open and will remain open for examination and correction until the 30th day of April, 1897.

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

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

EDWARD P. PARKER, THEODORE SUTRO, JAMES L. WELLS, Commissioners of Taxes and Assessments.

## STREET IMPROVEMENTS, 23D AND 24TH WARDS.

April 23, 1897.

## TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH OF THE following-mentioned works, with the title of the work and name of the bidder indorsed thereon, also the number of the work,

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 is 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 or persons making an estimate for the same purpose, and 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 any other officer or employee of the Corporation of the City of New York, or any of its departments, is directly or indirectly interested in the estimate, 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.*

In case a bid shall be submitted by or on behalf of any corporation, it must be signed in the name of such corporation by some duly authorized officer or agent thereof, who shall also subscribe his own name and office. If practicable, the seal of the corporation should also be affixed.

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

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained in Bureau of Water Purveyor in basement and Room 1701.

CHARLES H. T. COLLIS, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE, NO. 150 NASSAU STREET, NEW YORK, March 23, 1897.

**NOTICE IS HEREBY GIVEN TO ALL PLUMBERS,** to whom license has been or may be issued to make and connect service pipes, for conducting water to houses and tenements with the distributing pipes in this city, after said pipes have been tapped, and to make connections with sewers or drains from houses and tenements with the sewers or drains in the streets or avenues of this city, that such license will be revoked in the case of any plumber who permits another to use his license and to do the work of a master plumber without holding a certificate of competency from the Examining Board of Plumbers; or who violates any of the regulations which have been or may hereafter be established by the Department, respecting the introduction and use of the Croton water and connections made with sewers and drains.

CHARLES H. T. COLLIS, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE, NEW YORK, October 29, 1896.

**TO OWNERS, ARCHITECTS AND BUILDERS.**

**NOTICE IS HEREBY GIVEN THAT ALL ORDINANCES** of the Common Council, approved December 31, 1880, and subsequent thereto, in relation to the use and occupancy of sidewalks, must be complied with, and that all hoistways must occupy only such space of the sidewalk as is authorized by special ordinance of the Common Council, passed March 30, 1886, viz.:

"Hoistways may be placed within the stoop-lines, but in no case to extend beyond five feet from the house-line, and shall be guarded by iron railings or rods to prevent accidents to passers-by."

You are further notified that all violations now existing of such ordinances must be removed, and that all conditions set forth in permits granted for vault or other purposes must be complied with within sixty days. The special ordinances permitting court-yard inclosures give no right to occupy this space otherwise.

CHARLES H. T. COLLIS, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, NO. 150 NASSAU STREET, NEW YORK, August 6, 1896.

**NOTICE IS HEREBY GIVEN THAT THE** charge for vault permits is fixed at the rate of \$2 per square foot, under and pursuant to ordinance of the Common Council relating thereto.

HOWARD PAYSON WILDS, Deputy Commissioner of Public Works.

**NOTICE TO PROPERTY-OWNERS, BUILDERS, FLAGGERS AND OTHERS.**

**NOTICE IS HEREBY GIVEN THAT THE** practice of placing concrete or other friable curbs on the streets of this city is in contravention of chapter 6, Article 7, section 105, Revised Ordinances of 1880, which reads: "All curbstones \* \* \* shall be of the best hard blue or gray granite." And this Department will find it necessary to prosecute to the full penalty imposed by law persons setting or making such curbs, whether they have broken up or removed the curbstones provided by the City or not.

Further notice is given that this Department will in no case entertain claims or damages to concrete or other artificial sidewalks that are caused by repair or setting of hydrants, or by other work which the City does for the general good.

CHARLES H. T. COLLIS, Commissioner of Public Works.

#### HEALTH DEPARTMENT.

##### TO CONTRACTORS.

**SEALED BIDS OR ESTIMATES FOR FURNISHING** Five Hundred Tons of White Ash Coal, egg size, for the Willard Parker and Reception Hospitals, under the charge of the Board of Health, will be received at the office of the Health Department, in the City of New York, until 12:30 o'clock P.M. of May 4, 1897. 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 Willard Parker and Reception Hospitals," 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 Cor-

poration 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 Five Hundred (500) Tons of White Ash Coal, to be well screened and in good order, each ton to be 2,240 pounds, in accordance with the specifications attached to and which form a part of the contract aforesaid.

Delivery to be made at the Willard Parker and Reception Hospitals, near the foot of East Sixteenth 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 \$1,000.

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 or persons making an estimate for the same purpose, and 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 any other officer or employee of the Corporation of the City of New York, or any of its departments, is directly or indirectly interested in the estimate, 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.*

In case a bid shall be submitted by or on behalf of any corporation, it must be signed in the name of such corporation by some duly authorized officer or agent thereof, who shall also subscribe his own name and office. If practicable, the seal of the corporation should also be affixed.

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 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 a 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 unsuccessful 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.

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The consent last 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

The above sale is postponed to Monday, April 26, 1897, at the same hour and place.  
ASHBEL P. FITCH, Comptroller.  
CITY OF NEW YORK—FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, April 12, 1897.

PETER F. MEYER, AUCTIONEER.  
SALE OF FERRY FRANCHISE.  
THE FRANCHISE OF A FERRY FROM THE foot of Pine street, Pier 27, East river, to Long Island City, will be offered for sale by the Comptroller of the City of New York, at public auction, to the highest bidder, at his office, Room 15, Stewart Building, No. 280 Broadway, on the 29th day of March, 1897, at 12 M., for a term of five years from the 1st day of May, 1897, upon the following.

TERMS AND CONDITIONS OF SALE.  
The minimum or upset price for the franchise of the ferry is five per cent. of the gross receipts for ferrage of passengers, vehicles, freight, etc., and the total amount of said rental per annum shall not be less than \$500.

No bid will be received which shall be less than the minimum or upset price and value of said franchise as fixed above.

The highest bidder will be required to pay to the auctioneer's fee and to deposit with the Comptroller at the time of sale the sum of one hundred and twenty-five (\$125) dollars to be credited on the first quarter's rent, or to be forfeited to the City if the lease is not executed by the purchaser when notified that it is ready for execution.

The lessees will be required to give bonds in the penal sum of one thousand (\$1,000) dollars, with two sufficient sureties, to be approved by the Comptroller, conditioned for the faithful performance of the covenants and conditions of the lease and the payment of the rent on the 1st day of October in each year.

The lease will contain the usual covenants and conditions, in conformity with the provisions of law and the ordinances of the Common Council relative to ferries, and shall provide that the lessees will maintain and operate the ferry during the whole term and will provide ample accommodations in the way of safe and capacious boats and sufficient of trips, as to the sufficiency of which accommodations, the decision of the Mayor and Comptroller shall be final; that it at any time during the term of the lease the Department of Docks shall require any of the wharf property used for ferry purposes in order to proceed with water-front improvement in the vicinity of the ferry landings, the said lessee shall surrender and vacate the premises, without any claim upon the City for any damages whatever, upon written notice being given to the lessees three months in advance of the intention of said Department; that sworn returns of the amounts of ferry receipts shall be made to the Comptroller when required by him and that the books of account of the ferry shall be subject to his inspection.

The rates of ferrage and charges for vehicles and freight shall not exceed the rates now charged.

The form of lease which the purchaser will be required to execute can be seen at the office of the Comptroller.

The right to reject any bid is reserved if deemed by the Comptroller to be for the interest of the City.

By order of the Commissioners of the Sinking Fund, under a resolution adopted December 9, 1896.

CITY OF NEW YORK—FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, March 15, 1897.

ASHBEL P. FITCH, Comptroller.

The above sale is postponed to Monday, April 12, 1897, at the same hour and place.

ASHBEL P. FITCH, Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, March 29, 1897.

The above sale is postponed to Monday, April 26, 1897, at the same hour and place.

ASHBEL P. FITCH, Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, April 12, 1897.

#### INTEREST ON CITY BONDS AND STOCKS.

THE INTEREST DUE MAY 1, 1897, ON the Registered Bonds and Stocks of the City and County of New York will be paid on that day by the Comptroller, at the office of the City Chamberlain, Room 27, Stewart Building, corner of Broadway and Chambers street.

The Transfer Books will be closed from March 31 to May 1, 1897.

The interest due May 1, 1897, on the Coupon Bonds and Stocks of the City of New York, will be paid on that day by the State Trust Company, No. 100 Broadway.

ASHBEL P. FITCH, Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, March 11, 1897.

#### DEPARTMENT OF PUBLIC PARKS

DEPARTMENT OF PUBLIC PARKS, ARSENAL, CENTRAL PARK, NEW YORK, April 20, 1897.

##### TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, 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, Arsenal Building, Sixty-fourth street and Fifth avenue, Central Park, until 12 o'clock P. M., of Monday, April 26, 1897, for the following-named work:

FOR PLACING STONE FILLING AND CONCRETE IN THE BOTTOM OF A PORTION OF "THE POOL" NEAR ONE HUNDRED AND SECOND STREET AND EIGHTH AVENUE, IN THE CENTRAL PARK.

The bids will be tested upon estimate of the work to be done as follows:

1,000 cubic yards of stone filling in place.

425 cubic yards of concrete in p'ace.

The work to be commenced within ten days after the execution of the contract, and to be fully completed on or before the first day of June, eighteen hundred and ninety-seven, 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.

The amount of security required is Sixteen Hundred Dollars.

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 nature and extent of the work, and shall not, any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

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.

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, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the supplies 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 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 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 be 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 prices 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 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 proposals, and forms of the several contracts which the successful bidder will be required to execute can be had, the plans can be seen, and information relative to them can be had at the office of the Department, Arsenal, Central Park.

S. V. R. CRUGER, SAMUEL McMILLAN, WILLIAM A. STILES, SMITH ELY, Commissioners of Public Parks.

#### DAMAGE COMM.—23-24 WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 of the Laws of 1893, entitled "An Act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 721 of the Laws of 1887, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in the City of New York, or otherwise," and the acts amendatory thereto and supplemental thereto, notice is hereby given, that public meetings of the Commissioners, appointed pursuant to said acts, will be held at Room 58, Schermerhorn Building, No. 96 Broadway, in the City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.

DATED NEW YORK, October 30, 1895.  
DANIEL LORD, JAMES M. VARNUM, GEORGE W. STEPHENS, Commissioners.  
LAMONT MCLoughlin, Clerk.

#### DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION, NEW YORK, April 24, 1897.

PROPOSALS FOR MATERIALS AND WORK REQUIRED FOR BUILDINGS, APPARATUS, FIXTURES, ETC., AT RIKER'S ISLAND, NEW YORK CITY.

SEALED BIDS OR ESTIMATES FOR STRUCTURAL STEEL AND IRON WORK REQUIRED IN THE ERECTION OF A PRISON, NEW YORK CITY.

Structural Steel and Iron Work required in the erection of a Prison, New York City, in conformity with specifications, will be received at the office of the Department of Correction, No. 148 East Twentieth street, in the City of New York, until 10 o'clock A. M. of Tuesday, May 4, 1897.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Buildings, Apparatus, etc., at Riker's Island, New York City," 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 Commissioner, or his duly authorized agent, of said Department, and read.

THE COMMISSIONER OF THE DEPARTMENT OF CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED BY 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 TWENTY THOUSAND (\$20,000) DOLLARS EACH.

Each bid or estimate shall contain and state the name and place of residence or place of business 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 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 supplies 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 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 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 be 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.

The work and materials must conform in every respect to the printed specifications and plans. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will write out the amount of their estimates 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.

The form of the contract, including specifications, and plans, showing the manner of payment, will be furnished at the office of the Department and by George M. Walgrave, Architect, No. 42 East Twenty-third street, New York City, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner of the Department of Correction will insist upon its absolute enforcement in every particular.

ROBERT J. WRIGHT, Commissioner.

DEPARTMENT OF CORRECTION, NEW YORK, April 19, 1897.

PROPOSALS FOR STRUCTURAL STEEL AND IRON WORK REQUIRED IN THE ERECTION OF A PRISON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES FOR STRUCTURAL STEEL AND IRON WORK required in the erection of a Prison, New York City, in conformity with specifications, will be received at the office of the Department of Correction, No. 148 East Twentieth street, in the City of New York, until 10 o'clock A. M. of Tuesday, May 4, 1897.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Structural Steel and Iron Work required in the erection of a Prison, New York City," 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 Commissioner, or his duly authorized agent, of said Department, and read.

THE COMMISSIONER OF THE DEPARTMENT OF CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED BY 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 TWENTY THOUSAND (\$20,000) DOLLARS EACH.

Each bid or estimate shall contain and state the name and place of residence or place of business 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.



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.

EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners of the Department of Docks.

Dated NEW YORK, March 25, 1897.

#### FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT, NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET, NEW YORK, April 16, 1897.

#### TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor and doing the work required in building, completing and delivering a fire-boat for this Department, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department Nos. 157 and 159 East Sixty-seventh street, until 10:30 o'clock A. M., on Friday, April 30, 1897, at which time and place they will be publicly opened by the head of said Department and read.

For information as to the amount and kind of work to be done, bidders are referred to the drawings and specifications prepared by H. de B. Parsons, Supervising Engineer, said specifications and drawings forming part of these proposals.

Copies of the forms of agreement, showing the manner of payment for the work, and copies of the specifications and forms of proposal, may be obtained and the drawings may be seen at the office of the Department, as above, or at the office of the Supervising Engineer, No. 22 William street.

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

Proposals must be made for all the work contained in the specifications.

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

The fire-boat is to be completed and delivered within the one hundred and eighty-fifth (185th) day after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired are fixed and liquidated at Twenty-five (25) dollars.

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

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

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

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will on its being so awarded, become bound as sureties for its faithful performance in the sum of Two Hundred (200) Dollars, and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will on its being so awarded, become bound as sureties for its faithful performance in the sum of Twenty-four Thousand (24,000) Dollars, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of One Thousand Two Hundred (1,200) Dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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

JAMES R. SHEFFIELD, O. H. LA GRANGE, and THOMAS STURGIS, Commissioners.

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

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

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

The work is to be fully completed and delivered within the seventy-fifth (75th) day after the execution of the contract.

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

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

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

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

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will on its being so awarded, become bound as sureties for its faithful performance in the sum of Twelve Hundred (1,200) Dollars, and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will on its being so awarded, become bound as sureties for its faithful performance in the sum of Sixty (60) Dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will on its being so awarded, become bound as sureties for its faithful performance in the sum of Sixty (60) Dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

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ne, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, bearing date the 18th day of March, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 19th day of May, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 24, 1897.  
RIGNAL D. WOODWARD, F. D. MAHONEY, J. HENRY HAGGERTY, Commissioners.  
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements, and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SIXTIETH STREET (formerly Denman place) (although not yet named by proper authority), from Cauldwell avenue to Prospect avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, bearing date the 11th day of March, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 19th day of May, 1897, at 10:30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 24, 1897.  
JOHN LARKIN, WILLIAM F. SCHNEIDER, EDWARD D. O'BRIEN, Commissioners.  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to DALY AVENUE (although not yet named by proper authority), from East One Hundred and Sixty-sixth street (Woodruff street) to East One Hundred and Eighty-second street (Kingsbridge road), in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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 Part III. thereof, in the County Court-house, in the City of New York, on Friday, the 7th day of May, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The 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 Grant avenue, from East One Hundred and Sixty-first street to East One Hundred and Seventieth street, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

**PARCEL "A."**  
Beginning at a point in the southern line of East One Hundred and Sixty-seventh street (legally opened as Tremont avenue), distant 265.82 feet northwesterly from the intersection of the southern line of East One Hundred and Seventy-seventh street with the western line of Vyse street.

1st. Thence northwesterly along the southern line of East One Hundred and Seventy-seventh street for 60.63 feet.

2d. Thence southwesterly deflecting 98 degrees 17 minutes 52 seconds to the left for 679.38 feet.

3d. Thence southwesterly deflecting 12 degrees 36 minutes 36 seconds to the right for 158.82 feet to the northern line of East One Hundred and Seventy-sixth street.

4th. Thence southeasterly along the northern line of East One Hundred and Seventy-sixth street for 60.62 feet.

5th. Thence northeasterly deflecting 91 degrees 8 minutes 50 seconds to the left for 166.66 feet.

6th. Thence northeasterly for 677.46 feet to the point of beginning.

**PARCEL "B."**  
Beginning at a point in the northern line of East One Hundred and Seventy-seventh street distant 300.93 feet

northwesterly from the intersection of the northern line of East One Hundred and Seventy-seventh street with the western line of Vyse street.

1st. Thence northwesterly along the northern line of East One Hundred and Seventy-seventh street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees to the right for 554 feet to the southern line of East One Hundred and Sixty-seventh street.

3d. Thence easterly along the southern line of East One Hundred and Sixty-seventh street for 60 feet.

4th. Thence southerly for 554 feet to the point of beginning.

**PARCEL "C."**

Beginning at a point in the southern line of East One Hundred and Eighty-first street distant 381.15 feet northwesterly from the intersection of the southern line of East One Hundred and Eighty-first street with the western line of Vyse street.

1st. Thence northwesterly along the southern line of East One Hundred and Eighty-first street for 60.37 feet.

2d. Thence southwesterly deflecting 96 degrees 19 minutes 15 seconds to the left for 752.62 feet.

3d. Thence southwesterly deflecting 3 degrees 36 minutes 54 seconds to the right for 330.13 feet to the northern line of East One Hundred and Seventy-eighth street.

4th. Thence southeasterly along the southern line of East One Hundred and Seventy-eighth street for 60 feet.

5th. Thence northeasterly for 293.14 feet to the point of beginning.

**PARCEL "D."**

Beginning at a point in the northern line of East One Hundred and Eighty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Eighty-first street with the western line of Vyse street.

1st. Thence northwesterly along the northern line of East One Hundred and Eighty-first street for 60.37 feet.

2d. Thence northeasterly deflecting 83 degrees 40 minutes 45 seconds to the right for 268.12 feet.

3d. Thence southeasterly deflecting 102 degrees 38 minutes 4 seconds to the right for 61.49 feet.

4th. Thence southwesterly for 261.32 feet to the point of beginning.

**PARCEL "E."**

Beginning at a point in the northern line of East One Hundred and Eighty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Eighty-first street with the western line of Vyse street.

1st. Thence northwesterly along the northern line of East One Hundred and Eighty-first street for 60.37 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "F."**

Beginning at a point in the northern line of East One Hundred and Sixty-seventh street distant 381.15 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-seventh street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-seventh street for 60 feet.

2d. Thence northeasterly deflecting 83 degrees 40 minutes 45 seconds to the right for 268.12 feet.

3d. Thence southeasterly deflecting 102 degrees 38 minutes 4 seconds to the right for 61.49 feet.

4th. Thence southwesterly for 261.32 feet to the point of beginning.

**PARCEL "G."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "H."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "I."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "J."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "K."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "L."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "M."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "N."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "O."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 386.34 feet northwesterly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Morris avenue.

1st. Thence northwesterly along the northern line of East One Hundred and Sixty-first street for 60 feet.

2d. Thence northeasterly deflecting 90 degrees 3 minutes 56 seconds to the left for 341.09 feet.

3d. Thence northeasterly for 747.87 feet to the point of beginning.

**PARCEL "P."**

## PARCEL "G."

Beginning at a point in the western line of Boston road distant 288.63 feet southwesterly from the intersection of the western line of Boston road with the southern line of East One Hundred and Eighty-first street.

1st. Thence southwesterly along the western line of Boston road for 81.77 feet.

2d. Thence northwesterly deflecting 101 degrees 56 minutes 40 seconds to the right for 726.26 feet to the eastern line of Vyse street.

3d. Thence northeasterly along the eastern line of Vyse street for 80.07 feet.

4th. Thence southeasterly for 712.70 feet to the point of beginning.

## PARCEL "H."

Beginning at a point in the eastern line of Boston road distant 250.62 feet southwesterly from the intersection of the eastern line of Boston road with the southern line of East One Hundred and Eighty-first street.

1st. Thence southwesterly along the eastern line of Boston road for 80.85 feet.

2d. Thence southeasterly deflecting 98 degrees 18 minutes 19 seconds to the left for 330.70 feet.

3d. Thence northeasterly deflecting 99 degrees 46 minutes 34 seconds to the left for 81.18 feet.

4th. Thence northwesterly for 305.33 feet to the point of beginning.

East One Hundred and Eighty-first street is designated as a street of the first class, and is shown on sections 12 and 13 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on October 31, 1895; in the office of the Register of the City and County of New York on December 17, 1895, and in the office of the Secretary of State of the State of New York on December 17, 1895.

Dated New York, April 24, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to VAN CORTLANDT AVENUE (although not yet named by proper authority), from Jerome avenue to Mo-hol Parkway, 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.

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 PART III, THEREOF, IN THE COUNTY COURT-HOUSE, IN THE CITY OF NEW YORK, ON FRIDAY, THE 7TH DAY OF MAY, 1897, AT THE OPENING OF THE COURT ON THAT DAY, OR AS SOON THEREAFTER AS COUNSEL CAN BE HEARD THEREON, FOR THE APPOINTMENT OF COMMISSIONERS OF ESTIMATE AND ASSESSMENT IN THE ABOVE-ENTITLED MATTER. THE NATURE AND EXTENT OF THE IMPROVEMENT HEREBY INTENDED IS THE ACQUISITION OF TITLE BY THE 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 MARTHA AVENUE (ALTHOUGH NOT YET NAMED BY PROPER AUTHORITY), FROM EAST TWO HUNDRED AND THIRTY-FIFTH STREET (FORMERLY WILLARD STREET) TO THE NORTHERN BOUNDARY OF THE CITY, IN THE TWENTY-FOURTH WARD OF THE CITY OF NEW YORK, BEING THE FOLLOWING-DESCRIBED LOTS, PIECES OR PARCELS OF LAND, VIZ.:

## PARCEL "A."

Beginning at a point in the western line of the Grand Boulevard and Concourse distant 427.35 feet southwesterly from the intersection of the western line of the Grand Boulevard and Concourse with the southern line of Moshulu Parkway.

1st. Thence southwesterly along the western line of the Grand Boulevard and Concourse for 118.38 feet.

2d. Thence westerly deflecting 57 degrees 38 minutes 22 seconds to the right for 544.57 feet to the eastern line of Jerome avenue.

3d. Thence northeasterly along the eastern line of Jerome avenue for 147.65 feet.

4th. Thence easterly for 502.96 feet to the point of beginning.

## PARCEL "B."

Beginning at a point in the eastern line of the Grand Boulevard and Concourse distant 235.97 feet southwesterly from the intersection of the eastern line of the Grand Boulevard and Concourse with the southern line of Moshulu Parkway.

1st. Thence southwesterly along the eastern line of the Grand Boulevard and Concourse for 109.99 feet.

2d. Thence easterly deflecting 83 degrees 21 minutes 35 seconds to the left for 352.56 feet to the southern line of Moshulu Parkway.

3d. Thence northwesterly along the southern line of Moshulu Parkway for 151.82 feet.

4th. Thence westerly for 251.22 feet to the point of beginning.

## PARCEL "C."

Beginning at a point in the eastern line of the Grand Boulevard and Concourse distant 235.97 feet southwesterly from the intersection of the eastern line of the Grand Boulevard and Concourse with the southern line of Moshulu Parkway.

1st. Thence southwesterly along the eastern line of the Grand Boulevard and Concourse for 109.99 feet.

2d. Thence easterly deflecting 83 degrees 21 minutes 35 seconds to the left for 352.56 feet to the southern line of Moshulu Parkway.

3d. Thence northwesterly along the southern line of Moshulu Parkway for 151.82 feet.

4th. Thence westerly for 251.22 feet to the point of beginning.

Van Cortlandt avenue is designated as a street of the first class, and is shown on section 20 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on December 16, 1895; in the office of the Register of the City and County of New York on December 17, 1895, and in the office of the Secretary of State of the State of New York on December 18, 1895.

Dated New York, April 24, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SEVENTY-SIXTH STREET (ALTHOUGH NOT YET NAMED BY PROPER AUTHORITY), FROM JEROME AVENUE TO MONROE AVENUE, IN THE TWENTY-FOURTH WARD OF THE CITY OF NEW YORK, BEING THE FOLLOWING-DESCRIBED LOTS, PIECES OR PARCELS OF LAND, VIZ.:

## PARCEL "A."

Beginning at a point in the eastern line of the Grand Boulevard and Concourse distant 697.22 feet southerly from the intersection of the western line of the Grand Boulevard and Concourse with the southern line of the western approach to the Grand Boulevard and Concourse at Tremont avenue.

1st. Thence southerly along the western line of the Grand Boulevard and Concourse on the arc of a circle of 3,768 feet radius for 67.27 feet.

2d. Thence westerly on a line forming an angle of 27 degrees 23 minutes 47 seconds to the south with the radius of the preceding course drawn through its southern extremity for 1,023.21 feet to the eastern line of Jerome avenue.

3d. Thence northerly along the eastern line of Jerome avenue for 61.79 feet.

4th. Thence easterly for 1,038.87 feet to the point of beginning.

## PARCEL "B."

Beginning at a point in the eastern line of the Grand

Boulevard and Concourse distant 558.18 feet southerly from the intersection of the eastern line of the Grand Boulevard and Concourse with the southern line of the eastern approach to the Grand Boulevard and Concourse at Tremont avenue.

1st. Thence southerly along the eastern line of the Grand Boulevard and Concourse on the arc of a circle of 3,950 feet radius for 66.51 feet.

2d. Thence easterly on a line forming an angle of 26 degrees 2 minutes 11 seconds to the north with the eastern prolongation of the radius of the preceding course drawn through its southern extremity for 229.15 feet.

3d. Thence northerly deflecting 90 degrees to the left for 60 feet.

4th. Thence westerly for 200.46 feet to the point of beginning.

5th. Thence southerly along the eastern line of Brook avenue for 60 feet.

6th. Thence easterly deflecting 90 degrees 3 minutes 12 seconds to the left for 165.79 feet.

7d. Thence northerly deflecting 89 degrees 55 minutes 6 seconds to the left for 65 feet.

8th. Thence westerly for 166.82 feet to the point of beginning.

## PARCEL "A."

Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by 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 East One Hundred and Seventy-first street.

1st. Thence southerly along the eastern line of Brook avenue for 60 feet.

2d. Thence easterly deflecting 90 degrees 3 minutes 12 seconds to the left for 1,180 feet to the eastern line of Morris avenue.

3d. Thence southerly along the eastern line of Morris avenue for 80 feet.

4th. Thence easterly deflecting 90 degrees to the left for 1,280 feet.

5th. Thence southerly along the eastern line of Morris avenue for 80 feet.

6th. Thence easterly deflecting 90 degrees to the left for 1,280 feet.

7th. Thence southerly along the eastern line of Morris avenue for 80 feet.

8th. Thence easterly for 454.37 feet to the point of beginning.

## PARCEL "B."

1st. Thence northerly along the western line of Webster avenue for 60 feet.

2d. Thence westerly deflecting 94 degrees 45 minutes 18 seconds to the left for 495.51 feet.

3d. Thence westerly deflecting 12 degrees 4 minutes 5 seconds to the left for 60.05 feet.

4th. Thence westerly deflecting 2 degrees 24 minutes 45 seconds to the left for 1,180 feet to the eastern line of Morris avenue.

5th. Thence southerly along the eastern line of Morris avenue for 80 feet.

6th. Thence easterly deflecting 90 degrees to the left for 1,280 feet.

7th. Thence southerly deflecting 7 degrees 22 minutes 45 seconds to the left for 80.66 feet.

8th. Thence easterly for 454.37 feet to the point of beginning.

## PARCEL "D."

Beginning at a point in the eastern line of Webster avenue distant 415.51 feet northerly from the intersection of the eastern line of Webster avenue with the northern line of East One Hundred and Seventy-third street.

1st. Thence northerly along the eastern line of Webster avenue for 50.06 feet.

2d. Thence easterly deflecting 87 degrees 10 minutes 3 seconds to the right for 286.04 feet.

3d. Thence easterly deflecting 0 degrees 2 minutes 12 seconds to the right for 50.06 feet.

4th. Thence easterly deflecting 2 degrees 51 minutes 45 seconds to the right for 66 feet.

5th. Thence southerly deflecting 90 degrees to the right for 50 feet.

6th. Thence westerly deflecting 90 degrees to the right for 66 feet.

7th. Thence westerly deflecting 2 degrees 56 minutes 4 seconds to the left for 52.07 feet.

8th. Thence westerly for 286.89 feet to the point of beginning.

## PARCEL "C."

Beginning at a point in the western line of Washington avenue distant 365.27 feet southerly from the intersection of the western line of Washington avenue with the southern line of Wendover avenue.

1st. Thence southerly along the western line of Washington avenue for 60 feet.

2d. Thence westerly deflecting 89 degrees 51 minutes 23 seconds to the right for 290.71 feet.

3d. Thence northerly deflecting 90 degrees 9 minutes 57 seconds to the right for 60.14 feet.

4th. Thence easterly for 290.69 feet to the point of beginning.

## PARCEL "B."

Beginning at a point in the western line of Third avenue distant 365.27 feet southerly from the intersection of the western line of Third avenue with the southern line of Wendover avenue.

1st. Thence southerly along the western line of Third avenue for 60.06 feet.

2d. Thence westerly deflecting 86 degrees 51 minutes 23 seconds to the right for 339.21 feet to the eastern line of Washington avenue.

3d. Thence northerly along the eastern line of Washington avenue for 60.14 feet.

4th. Thence easterly for 346.67 feet to the point of beginning.

## PARCEL "D."

Beginning at a point in the western line of Washington avenue distant 401.47 feet southerly from the intersection of the western line of Washington avenue with the southern line of Wendover avenue.

1st. Thence southerly along the western line of Washington avenue for 60 feet.

2d. Thence westerly deflecting 86 degrees 51 minutes 23 seconds to the right for 290.71 feet.

3d. Thence northerly deflecting 90 degrees 9 minutes 55 seconds to the right for 60.17 feet.

4th. Thence easterly for 346.67 feet to the point of beginning.

## PARCEL "C."

Beginning at a point in the western line of Third avenue distant 365.27 feet southerly from the intersection of the western line of Third avenue with the southern line of East One Hundred and Seventy-first street.

1st. Thence northerly along the eastern line of Third avenue for 60.06 feet.

2d. Thence easterly deflecting 87 degrees 10 minutes 23 seconds to the right for 366.41 feet.

3d. Thence southerly deflecting 85 degrees 41 minutes 55 seconds to the right for 60.17 feet.

4th. Thence westerly for 373.88 feet to the point of beginning.

## PARCEL "D."

Beginning at a point in the eastern line of Third avenue distant 816.11 feet northerly from the intersection of the eastern line of Third avenue with the northern line of East One Hundred and Seventy-second street.

1st. Thence northerly along the eastern line of Third avenue for 60.05 feet.

2d. Thence westerly deflecting 86 degrees 51 minutes 23 seconds to the right for 286.04 feet.

3d. Thence easterly deflecting 2 degrees 51 minutes 45 seconds to the right for 66 feet.

4th. Thence easterly for 346.67 feet to the point of beginning.

## PARCEL "A."

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening WALTON AVENUE (although not yet named by proper authority), from East One Hundred and Sixty-seventh street to Tremont avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third and Twenty-fourth Wards of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, bearing date the 18th day of March, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of May, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 23, 1897.  
EDWARD S. KAUFMAN, WM. J. BROWNE,  
WILBUR LARREMORE, Commissioners.  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening and extending WOODLAWN ROAD (although not yet named by proper authority), from Jerome avenue to Bronx Park, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, bearing date the 18th day of March, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of May, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 23, 1897.  
JOHN J. O'NEILL, ARTHUR BERRY, H. B. HALL, Commissioners.  
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening and extending TOPPING STREET (although not yet named by proper authority), from Claremont Park to East One Hundred and Seventy-sixth street, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, bearing date the 18th day of March, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of May, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 23, 1897.  
JOHN DEWITT WARNER, WM. H. McCARTHY, WILLIAM M. LAWRENCE, Commissioners.  
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening and extending TOPPING STREET (although not yet named by proper authority), from Claremont Park to East One Hundred and Seventy-sixth street, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, bearing date the 18th day of March, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

sequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of May, 1897, at 10:30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 23, 1897.  
RIGNAL D. WOODWARD, T. E. SMITH,  
THOS. BARTLEY, Commissioners.  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening WEST TWO HUNDRED AND THIRTIETH STREET (although not yet named by proper authority), from Riverdale avenue to Broadway, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court, bearing date the 18th day of March, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 31st day of March, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of May, 1897, at 10:30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 23, 1897.  
ABRAM J. ELKUS, HENRY B. B. STAPLER,  
J. T. TOWNSEND, Commissioners.  
JOHN P. DUNN, Clerk.

In the matter of the application of Michael T. Daly, Commissioner of Public Works of the City of New York, for and in behalf of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title in fee, to certain lots, pieces or parcels of land in the Twelfth and Twenty-third Wards of the City of New York, for the purpose of the construction of a draw-bridge and approaches thereto, with the necessary abutments and arches, over the Harlem river, connecting the northerly end of Third avenue, in the Twelfth Ward of said city, with the southerly end of Third avenue, in the Twenty-third Ward of said city.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Apportionment 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, premises, property, rights and interests affected thereby, and to all others whom it may concern, to wit:

First.—That we have completed our fourth separate estimate and assessment, and that all persons interested in this proceeding or in any of the lands, premises, property, rights and interests affected thereby, and having objections thereto, do present their said objections, in writing, duly verified, to us, at our office, Room No. 113, on the third floor of the Stewart Building, No. 28 Broadway, in said city, on or before the 27th day of May, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 27th day of May, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 10:30 o'clock in the forenoon.

Second.—That the abstract of our said fourth estimate and assessment, together with our damage map, and also all the affidavits, estimates and other documents used by us in making our said report, have been deposited in the office of the Commissioner of Public Works, in the American Tract Society Building, corner of Nassau and Spruce streets, in said city, there to remain until the 28th day of May, 1897.

Third.—That our fourth separate abstract of estimate and assessment embraces all the lands, premises, property, rights and interests within the tract bounded by Third avenue, One Hundred and Twenty ninth street, the bulkhead-line of the Harlem river and the property now or late of William H. Payne, which are taken, acquired or affected in this proceeding, as specifically shown on our damage map deposited as aforesaid.

Fourth.—That our fourth separate report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held in Part III., in the County Court-house, in the City of New York on the 2d day of June, 1897, 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, April 21, 1897.  
DAVID LEVENTRITT, PETER BOWE,  
ARTHUR INGRAM, Commissioners.  
JAMES A. C. JOHNSON, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, acting by and through the Board of Docks, relative to acquiring right

York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of May, 1897, at 10:30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 23, 1897.  
JOHN LARKIN, FRANCIS D. HOYT, WILLIAM T. GLOVER, Commissioners.  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening WEST TWO HUNDRED AND THIRTIETH STREET (although not yet named by proper authority), from Riverdale avenue to Broadway, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE** undersigned, were appointed by an order of the Supreme Court bearing date the 29th day of January, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage to the respective owners, lessees, parties and persons respectively entitled unto or interested in the wharf property, wharfage rights, tenements and hereditaments taken or to be taken for the said improvement of the water-front of the City of New York, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

All parties and persons interested in the wharf property, wharfage rights, tenements and hereditaments taken or to be taken for the said improvement of the water-front of the City of New York, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, ninth floor, Nos. 90 and 92 West Broadway, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of May, 1897, at 10:30 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated NEW YORK, April 21, 1897.

WILBUR LARREMORE, Chairman, WILLIAM M. LAWRENCE, WILLIAM J. ELLIS, Commissioners.  
JOHN A. HENNEBERRY, Clerk.



